



गुजरात केन्द्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF GUJARAT

ANNUAL REPORT | 20²⁰/₂₁



गुजरात केन्द्रीय विश्वविद्यालय
Central University of Gujarat

www.cug.ac.in

ANNUAL REPORT | 20²⁰/₂₁



गुजरात केन्द्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF GUJARAT

गुजरात केन्द्रीय विश्वविद्यालय

(भारत की संसद के अधिनियम सं. २५, २००९ के तहत स्थापित)

CENTRAL UNIVERSITY OF GUJARAT

(Established by an Act of Parliament, 2009)

Sector-29, Gandhinagar-382030, Gujarat, INDIA

www.cug.ac.in

॥ कुलगीत ॥

परम पावन अति मनभावन यह विश्व ज्ञान का पुंज हमारा ।
परम पावन अति मनभावन यह विश्व ज्ञान का पुंज हमारा ॥

इसी भूमि से राष्ट्रपिता ने विश्व शांति संदेश दिया
शारीरिक, बौद्धिक, नैतिक विकास को शिक्षा का आदर्श किया
सदाचार को नित संकल्पित सत्य-शिक्षा का पुंज हमारा ।
परम पावन अति मनभावन यह विश्व ज्ञान का पुंज हमारा ॥

भूमि लौह पुरुष की जिससे एकीकृत हुआ भारत महान
चिंतन हेमचन्द्र, दयानन्द का लोथल से हुई सभ्यता महान
साबरमती, नर्मदा से सिंचित सामाजिक ज्ञान का कुंज हमारा ।
परम पावन अति मनभावन यह विश्व ज्ञान का पुंज हमारा ॥

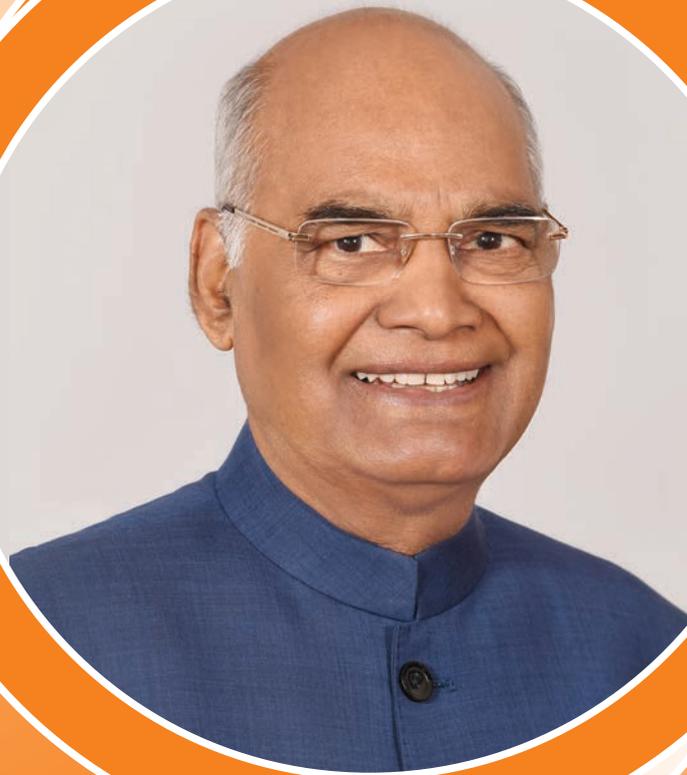
द्वारिकाधीश पर गर्व करें हम गीता का जिसने ज्ञान दिया
कर्म, भक्ति और ज्ञान ज्योति से मानव का उत्थान किया
उनके दिव्य दर्शन से प्रेरित कर्म ज्ञान का कुंज हमारा ।
परम पावन अति मनभावन यह विश्व ज्ञान का पुंज हमारा ॥

भाषा, शिक्षा, रसायन, प्रबंधन, विविध ज्ञान-विज्ञान समागम
नवाचार से विश्वविद्यालय में जहाँ शोधरत हर जनमन
नयी विधा में शोध व शिक्षण, ज्ञान सृजन का कुंज हमारा ।
परम पावन अति मनभावन यह विश्व ज्ञान का पुंज हमारा ॥

परम पावन अति मनभावन यह विश्व ज्ञान का पुंज हमारा ॥

प्रो. रमा शंकर दूबे
कुलपति

Hon'ble Visitor of the University



Shri Ram Nath Kovind
Hon'ble President of India



COVID-19 pandemic has disrupted the education sector like never before. On the academic front, the year 2020-21 was marked by a paradigm shift in mode of education from offline campus teaching to online mode, due to the challenges posed by pandemic. But I am happy that our faculty members of this University have put in their best efforts and have successfully provided conducive online learning environment to the students.

As the Chancellor of the Central University of Gujarat, I am happy to witness that the University has marched ahead significantly over the previous year in various pursuits like increase in the number of admitted students, imparting online quality education, conducting online examinations and in publishing quality research papers in international journals, despite COVID-19 pandemic. For this, I appreciate all faculty members of the University for putting efforts to take the University forward on the path of academic excellence.

I learnt from the Vice-chancellor that during the pandemic, the University has taken a number of ICT driven initiatives and has been proactive to utilise the maximum potential of technology to reach every learner and to organise a large number of national and international webinars, workshops, orientation programs, faculty development programs, quiz competitions for students, etc. Also, the University could bring eminent academicians from across the globe on one platform through the webinars to connect them for knowledge sharing.

The 3rd Convocation of the University was a great event, successfully organised on 23rd February 2021, where Honourable President of India Shri Ram Nath Kovind was Chief Guest and Hon'ble Governor of Gujarat, Hon'ble Education Minister of India and Dy. Chief Minister of Gujarat were Guests of Honour. Hon'ble President while delivering Convocation address announced that Government of India has sanctioned Rs. 743 Crore for construction of permanent campus of the University near Vadodara. The state of Gujarat has allotted 100 acres of land for the permanent campus.

I have expressed my view to the Vice-chancellor that the new campus of the University should be eco-friendly, with vibrant academic ambience, having infrastructure facilities and laboratories conforming to global standards, where excellence in teaching and research in various branches of science, social science, and humanities could be achieved. The objectives of education should be man making, character building and nation building, besides empowerment with knowledge and skills. The students must be imparted holistic and multidisciplinary education, while mastering in their chosen field of specialization, so that they can become global citizens to tackle national and global challenges, while being rooted in glorious Indian culture.

I extend my best wishes for the continued growth of the University.

Dr. Hasmukh Adhia
Chancellor



विद्या प्रशस्यते लोकैः विद्या सर्वत्र गौरवा ।
विद्यया लभते सर्वं विद्वान सर्वत्र पूज्यते ॥

Vidyā Praśasyate Lokaiḥ Vidyā Sarvatra Gauravā ।
Vidyayā Labhate Sarvaṁ Vidvāna Sarvatra Pūjyate ॥

'Knowledge is extolled by everyone, knowledge is considered great everywhere, one can attain everything with the help of knowledge, a scholarly person is respected everywhere.'

It is a matter of great pleasure and honour for me to be associated with the Central University of Gujarat as its Vice Chancellor. Since I joined this University on November 22, 2019, I have always felt myself fortunate enough to work under the kind guidance of a magnanimous person, a great human being, our Hon'ble Chancellor, Dr. Hasmukh Adhia Ji, whose grace and wisdom has always guided me at each step of my endeavour in marching towards achieving excellence for the university.

Central University of Gujarat has completed almost 12 years of its journey in imparting quality education. **The 3rd Convocation of the University was held on 23rd February 2021, where Hon'ble President of India Shri Ram Nath Kovind Ji was the Chief Guest and delivered the Convocation Address. Hon'ble Union Minister of Education Dr. Ramesh Pokhriyal Nishank Ji, Hon'ble Governor of Gujarat Acharya Devavrat Ji and Hon'ble Dy. CM of Gujarat Shri Nitinbhai Patel Ji were the Guests of Honour. The function was presided over by Dr. Hashmukh Adhia Ji, Hon'ble Chancellor of our University. A total of 244 degrees and 21 'Medals' were awarded to the graduands from different disciplines.**

The academic year 2020-21 was marked by unprecedented COVID-19 pandemic, which caused great disruption to education system across the globe. However, at Central University of Gujarat, with our robust ICT support, we very successfully imparted online education to all our students, including those residing in remote areas of our country. All examinations of the University including PhD viva-voce were conducted online. During the lock down period, faculty members and employees worked from home in online mode. A large number of national and international conferences, webinars and workshops were organized during the period in online mode. Learned researchers, academicians, eminent speakers from various parts of the globe were part of these webinars, faculty development programmes and online lecture series. The online deliberations by academicians from across the globe cherished the concept of “*Vasudhaiva Kutumbakam*” (वसुधैव कुटुम्बकम्), the world as one family.

Remote login access to Library facilities was provided to all faculty members and students to refer e-books and e-journals from their homes. Library procured many more e-books, e-journals and databases during the academic year depending on the requirements of the faculty and the students. It facilitated the e-learning opportunity.

In the academic year 2020-21, an amount of Rs.743 Crores was sanctioned by the Govt. of India, Ministry of Education, for construction of permanent campus of the University near Vadodara where 100 acre of land has been allocated by Government of Gujarat. Future plans related to construction work are under process.

University has very proactively executed many programs initiated by Govt. of India under Ek Bharat Shresht Bharat, Unnat Bharat Abhiyan, Swachh Bharat Abhiyan, Village and School Adoption Program, National Service Scheme, etc. These programs provided varied experiences to faculty and students and helped the students to develop leadership quality, to modify their persona and to interact directly with the local community. These experiences will help the students in shaping their future career.

The University has brought out impressive number of quality research publications in well reputed international journals with high impact factor and also books from reputed publishers. This has been possible with the fullest efforts of our skilled and talented faculty members. Some faculty members have been granted patents as a result of their research work which suggests relevance of scientific endeavour for the society. For quality research output, the University has state of the art Central Instrumentation Facility (CIF) that houses a range of advanced scientific equipments. Besides research conducted by faculty members, the equipments of CIF also serve as a source to internal revenue generation (IRG). Students in the University have been enrolled from different parts of the country, this reflects true national character of the University conforming to the vision of the great son of Gujarat, Sardar Vallabhbhai Patel, "Ek Bharat Shresht Bharat".

A conducive teaching-learning ambience brings positive transformative changes in young minds. An educational institution shapes the future of a nation through its scholarly teachers and creative students. It has been our endeavour to provide holistic and multidisciplinary education to our students conforming to the ideals of National Education Policy-2020, where students would acquire expertise in diverse disciplines of humanities, social sciences, modern science and technology and at the same time would imbibe the high ideals, traditions, culture and values of our glorious ancient Indian civilization.

Central University of Gujarat is committed to produce skilled, capable and enterprising youth who will be able to provide leadership in various sectors of society and will be competent to serve the nation with dedication to human values, and respect to glorious Indian culture and traditions.

Prof. Rama Shanker Dubey
Vice Chancellor



Central University of Gujarat was established through an Act of Parliament in the year 2009 by the Government of India. While realizing the objectives of its establishment, this University has been continuously active in the field of knowledge-science and discourse with its distinguished presence at the national level. The University has established a standard of knowledge and learning with a beautiful harmony between the disciplines of science, social science and humanities, which has paved the way of for social development in the true sense.

As the Registrar, I have got the opportunity to contribute to this new University. This is a matter of privilege for me. Presently this University is operating in a temporary campus. The allotment of land for the University has been done in Vadodara and soon the University will operate from its new campus with a pleasant synergy of tradition and modernity.

In the present time, the importance and significance of any University is determined by its remarkable participation in the global competition of knowledge and science. In such a situation, I feel happy to say that our University is making remarkable efforts to build its cognitive character and research nature at all India and International level. Students from almost every part of India are coming here and are benefiting from talented faculty and competent laboratories (which have special facilities like central instrument facility and virtual intelligence resource center). Even during the global pandemic of Covid-19, this University did not stop the study-teaching and dialogue. Through on-line classes, e-learning etc. it presented a great example by organizing the classes of students in time bound and regular manner, planning for interactive sessions as well as successfully managing University examinations on time.

In addition to the remarkable discharge of its academic responsibilities, our University has been at the forefront of its distinguished social activities. The University has presented a new dimension of social role of knowledge by adopting school and village. At the same time, the awareness and activism of the University for proper management and implementation of the provisions of the New Education Policy-2020 has been remarkable. The University's 'Choice Based Credit System' and Interdisciplinary Study Methodology can be seen as a prelude to the effective policies of the New Education Policy-2020. Along with this special role of knowledge, the University is determined to build a supremely prosperous nation through the University, University and education of higher education.

The meaning of any educational institution lies in spreading knowledge to the last people and in creating that culture which will lead the nation on the path of progress. In a very famous verse it is said that,

अपूर्वः कोपि कोशोयं विद्यते तव भारति ।
व्ययतो वृद्धिमायाति क्षयमायाति संचयात् ॥

That is, O goddess of knowledge, your treasure is truly indescribable, which increase by spending but decrease by accumulating.

I am sure that in the coming times, Central University of Gujarat will be at the forefront of producing intelligent, self-reliant and nationally oriented students with its meaningful presence on the global map of knowledge and science.

Dr. Satya Prakash Upadhyay
Registrar

C O N T E N T S

Sr. No.	TITLE	Page No.
	Messages	
	From The Chancellor's Desk	
	From The Vice Chancellor's Desk	
	From The Registrar's Desk	
1	Central University of Gujarat	1
	About the Central University of Gujarat	1
2	University Bodies	16
2.1	University Court	16
2.2	Executive Council	18
2.3	Academic Council	20
2.4	Finance Committee	24
3	Officials of the University	25
3.1	Deans of Schools	25
3.2	Details of Chairpersons and Coordinators	25
3.3	Academics and Authorities	27
3.4	Administration and Establishment Department	28
3.5	Admission and Evaluation Department	36
3.6	Finance and Accounts Department	40
3.7	Cells and Committees of the University	46
4	Major Highlights	67
4.1	Programmes offered by CUG	69
4.2	Guest lectures organised in the university during 2020-21	71
4.3	Seminar/Conference etc. Organized in CUG	74
4.4	Honours/ achievements such as prize, fellowship, award, etc. of students	80
4.5	Highlights	82
5	Schools and Centres	91
5.1	School of Applied Material Science	93
5.2	School of Chemical Sciences	98
5.3	School of Education	106
5.4	School of Environment and Sustainable Development	118
5.5	School of International Studies	128
5.6	School of Language, Literature and Culture Studies	137
5.6.1	Centre for Chinese Language and Culture	137
5.6.2	Centre for Comparative Literature and Translation Studies	146
5.6.3	Centre for English Studies	150
5.6.4	Centre for German Studies	154
5.6.5	Centre for Gujarati Language and Literature	156
5.6.6	Centre for Hindi Language and Literature	160
5.6.7	Centre for Sindhi Language and Literature	166

Sr. No.	TITLE	Page No.
5.7	School of Library and Information Science	167
5.8	School of Life Sciences	175
5.9	School of Nano Sciences	183
5.10	School of National Security Studies	194
5.10.1	Centre for Security Studies	194
5.11	School of Social Sciences	205
5.11.1	Social Work Programme (School level)	205
5.11.2	Centre for Studies in Economics and Planning	206
5.11.3	Centre for Gandhian Thought and Peace Studies	213
5.11.4	Centre for Studies in Science, Technology and Innovation Policy	218
5.11.5	Centre for Studies in Society & Development	224
5.11.6	Centre for Studies in Social Management	226
5.12	Special Centres	230
5.12.1	Centre for Diaspora Studies	230
6	Annexures	245
7	A few more events through the eye of the camera	271

Central University of Gujarat

Introduction

The Central University of Gujarat was established through an Act of Parliament in the year 2009. It has jurisdiction over the entire state of Gujarat. It renders human services to a cause of higher education by catering to the academic, intellectual and professional needs of youths in the state of Gujarat and across the country. To this extent, it contributes its strength in generating and providing requisite human resources that India needs to emerge as a vibrant knowledge society.

Motto

The motto of the University is to provide a global platform for knowledge and employability to students of the University through society and industry interface.

Mission

The mission of the CUG is to provide access to quality education and create opportunities to encourage students to effectively engage with emerging innovations and technological challenges, international competitiveness and leadership in thought as well as in action. The CUG is also conscious of importance of developing entrepreneurial and scholastic abilities for creation of knowledge, wealth and prosperity for the country as well as peace and happiness for the human race.

Vision

The vision of the CUG is to establish itself as a centre of excellence with social commitment by integrating modern, scientific and technological knowledge and skills with the basic human ethos and values. The university shall set forth a model in teaching, research and personality development and create skilled human resource with sense of responsiveness towards the society, the country and the world at large.

Objectives

- Dissemination and advancement of knowledge by providing instructional and research facilities in various branches of learning.
- Making special provisions for integrated courses in humanities, social sciences, science and technology in educational programmes.
- Taking appropriate measures for promoting innovations in teaching-learning methods and interdisciplinary training and research.
- Educating and training human resource for the country's development.

- Establishing academic-industries partnership to promote advancements in science and technology.
- Paying special attention to improvement of social and economic conditions and welfare of the people of India, especially pertaining to their intellectual, academic and cultural development.
- Ensuring improvement in socio-economic conditions of the people, through intellectual, academic and cultural development.

Academic Structure and Curricular Aspects

The Central University of Gujarat presently has eight Schools and two independent centres. There are thirteen centres operating within the schools. They cover multidisciplinary subjects ranging from Languages, Humanities, Social Sciences and Sciences. Currently, the university offers three integrated Master's programmes, fourteen stand-alone Master's programmes and thirteen M. Phil - Ph. D integrated programmes. Some Schools also offer admissions directly to Ph.D. The university makes concerted efforts to enhance its excellence in teaching, research and extension activities.

The course content of the academic programmes is designed with a view to cater to the needs of its stakeholders by providing them extended horizon. The structure of every curriculum includes ICT enabled innovative teaching and learning, laboratory experiments (where ever applicable), presentations, in-house seminars, assignments, self-study and dissertations.

Efforts are constantly made to redesign the courses keeping in view the changing priorities of technology, industry and as well as methods of imparting knowledge and its implementation. These initiatives of updating and upgrading the course content are undertaken by the Boards of Studies of the concerned centres and schools with inputs from distinguished external members drawn from premier academic and scientific institutions across the country. The exercise aims at providing cutting edge exposure and advantage to the courses offered by the university. This makes our graduates globally competent with an emphasis on employability and social and economic relevance in terms of national priorities.

Having introduced the Choice Based Credit System scheme right since its inception, the university incorporates much desired academic flexibility in its courses with ample scope for inter and intra disciplinary choice of courses across the schools and centres in the form of core compulsory, core elective and foundation courses.

The university has set up a formal mechanism at a place to elicit students' feedback on the course structure and content. An analysis of the feedback received from students together with observations and inputs from external experts provide a concrete basis for refining, revising and updating the curricula and pedagogy.

In consonance with objectives and obligations stated in the document of its establishment, the university offers courses and undertakes research in the areas like internal security, national security,

social management, innovation policy, social engineering, diaspora studies, cancer biology, computational chemistry, material science, nano science, industrial chemistry, climate change and eco-sustainability. The courses and research provide an innovative edge to the Central University of Gujarat. Even while operating in these unchartered academic territories, the university constantly updates and upgrades its curricula in order to tune it to the changing needs and pressing priorities of the Indian society. With an approval of the Ministry of Human Resources Development, the university proposes to offer many more professional and applied courses under the Schools of Technology, Earth Science and Remote Sensing, Management, Education, Health, Culture and Personality Development.

Teaching - Learning and Evaluation

The University adopts transparency in all its academic and evaluation transactions and ensures wide publicity to all available academic programmes. Admissions to all programmes offered by the university is granted through the online entrance test conducted by the university on the all India basis. The Central University of Gujarat is the first university of its type among the newly established central universities to conduct the online admission process. The whole process is monitored by the Central Admission Committee comprising the Controller of Examinations, Deans of the Schools, faculty members from different schools and one member each representing the categories of SC, ST, OBC, Women and the Minority. The university organizes the orientation programme at the outset of the academic semester to apprise new entrants about the university, salient features of a course that may be opted and opportunities open to them on completion of a course.

The academic calendar is being followed by all Schools and all possible measures are ensured to make the learning process student-centric. Most of the teaching-learning methodologies are the ICT based. The e-learning facilities are easily accessible to all students through the LAN connectivity round the clock. The faculty members ensure a culture of creativity among the learners.

Teachers are encouraged to participate in the prestigious international and national academic events which enable them to interact with eminent academics.

The University follows a transparent and standard system of examination by evaluating progress of the students through continuous internal assessment at the centre/school level and external assessment by the university at the end of the semester. The UGC guidelines are followed for evaluation of students.

Research and Extension

The research remains the chief focus of the university. Many schools and centres offer research programmes with interdisciplinary approach. The research infrastructure made available in the university is perhaps the superior in the Western India and one of the best in the Universities in India. A central facility known as the Central Instrumentation Facility (CIF) is established with state-of-the-art research facility. The university has immense potential and promise to support research activities in frontier areas in the science disciplines. It hosts a wide range of instruments including chromatography, spectroscopy and microscopy with instruments like XRD, NMR and MALDI - TOF. Such diverse availability of instruments not only enhances the exposure, but also encourages

researchers to explore challenging research objectives. The CIF supports by facilitating research in Life Sciences, Chemical Sciences, Environmental Sciences and Nano Science. It has potentials even to facilitate research that may be proposed in the near future in many other branches of sciences such as Applied Material Science, Earth Science and Remote Sensing Technology. The School of Chemical Sciences, the School of Life Sciences, the School of Environment and Sustainable Development and the School of Nano Sciences have gained eminence as the centres of national repute with state of art laboratories housing sophisticated and advance equipment to execute advance level scientific research.

Furthermore, the schools and the special centres have set up a Committee of Advanced Studies and Research (CASR). The committee comprises the Dean of the School or the Chairperson of the Centre along with all eligible supervisors. It plans, monitors and evaluates the M. Phil and Ph.D. programmes offered at the university. The CASR is responsible for the matters related to M.Phil. and Ph.D., such as acceptance of the research proposals made by scholars, approval of the supervisors and the title of the dissertations or theses.

In order to facilitate smooth implementation of research schemes, the university has constituted an independent Project Cell to support all project related activity. The objectives of the cell are:

- To encourage and support proposal submissions in various subjects.
- To simplify procedures related to sanctions/purchases made by the investigators.
- To ensure sharing of overhead charges between the university and schools/centres to further support research initiative by researchers.
- To ensure timely release of grants.
- To ensure timely audit and submission of utilization certificate to the funding authorities.

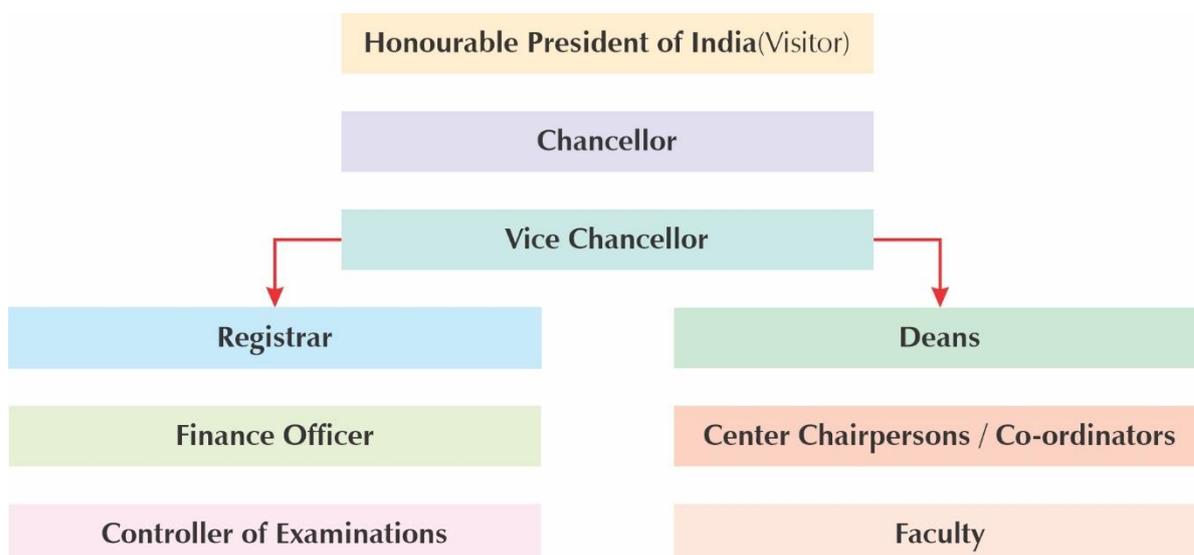
Adjunct Professors are considered an asset to the university in terms of sharing knowledge and exposure. Hence, the university invites adjunct faculty members from various institutes and universities of national and international repute. These faculty members support the university by acting as joint research supervisors for Ph. D and M. Phil theses. The involvement of adjunct professors in the university promotes culture for interdisciplinary research. Furthermore, students' research endeavours are facilitated at multiple institutes/universities.

Extension Activities

One of the components of the higher education in which the university seeks to excel is extension activities. Having committed itself to taking campus to the community and putting scholarship generated and technology innovated, the university seeks to address some of the pressing issues the society confronts. The university is in fact viewed as a harbinger of positive social transformation. The courses, for instance, in Rational Drug Design, Climate Change, and Sustainable Development are viewed as endowed with potentials to improve social and physical qualities of people's life on the one hand and, on the other hand, generate human resources that could be utilized in reckoning social engineering. Several MoUs signed by the schools and centres of the university have potentials to enrich the extension profile of the university. The several MoUs are signed by the Computational Chemistry Group of the university with leading scientific/research laboratories at the KTH, Stockholm and the University of Uppsala, Sweden, the Colorado University and with the Bharat Rural Livelihoods Foundation, the Village Adoption under the Unnat Bharat Abhiyan, the School

Adoption Programme, the B.Voc. Programme, the University Grants Commission. They may be cited as among a few initiatives taken to strengthen the extension profile of the university. Further, the university initiates discussions with the National Skill Development Council (NSDC) to explore possible avenues for vocational courses and vocationalization of the existing courses to possible extent. The university has also signed a MoU with the Gujarat Chamber of Commerce and Industry for the interface involving the trade, commerce and business communities in Gujarat as stakeholders with opportunities of internship and block placement. The University Industry Interface Cell and the B. Voc. Program on Rational Approach to Drug Design initiated by the university provide a scope for interaction with the industry in general and numerous pharmaceutical industries located in the Gujarat region in particular.

University Governance



University Authorities and Bodies



Facilities at the University

Infrastructure and Learning Resources

The university operates from a transit campus situated in two different areas in. However, it spares no efforts to provide the best possible learning and research infrastructure to its students and faculty members. In view of the scarcity of space, an emphasis is laid on quality rather than on quantity and on intensity rather than on expansion. Well-equipped and furnished classrooms, state-of-the-art laboratories, well stacked library prove good enough to create on the university campus a sense of academic and scientific enterprise.

Spacious classrooms provide most conducive atmosphere for dynamic and focused discussions. They are designed to bring together analysis with action and are equipped with integrated LCD projectors and audio-visual teaching aids for lectures, presentations etc. Special sessions and remedial coaching classes are conducted for spoken English, NET-SET exams and also to cultivate leadership, teamwork and analytical skills in students.

There are four conference halls located on the university campus with seating capacity ranging from 50 to 250 seats. They are made available to use for conferences and other events. There are two smaller seminar halls too that are equipped with advanced presentation tools and equipment for academic events on smaller scale.

The University has over 10 state-of-the-art science laboratories. They are allowed to students for practicals to experiment what they learn in theory subjects.

All schools/ centres are inter-connected through a highly secure virtual private network, where devices are connected through 1 GBPS broadband connection. The two campuses of the university possess state-of-the-art computer network with the Wi-Fi that provides ample computing facilities comprising of the latest computers linked to a wide range of software, communication and print services. The CUG is fully wireless and students in many programmes are provided with laptops to help them to access the Internet anytime, anywhere. The latest software is loaded to enable work on data analysis, CAD, CAM for laboratories and libraries. The intranet enables close on-line interaction between the faculty and students on the campus.

The university provides guest house facilities to visiting faculty members and other officials who visit the university on various assignments. The university has hired on rent three spacious apartments and furnished them with adequate facilities suitable for the purpose.

The University Campuses with General Infrastructure and Amenities

The university is spread over two campuses: the Sector 29 Campus and the Sector 30 Campus.

Sector 29 Campus:

On the sector 29 campus of the university, different offices and institutions are located. They are:

- Office of Administration and Finance
- Office of the Controller of Examinations

- IQAC
- Schools of Language, Literature & Culture Studies
- School of Social Sciences
- School of International Studies
- School of Library and Information Science
- School of Education,
- Centre for Diaspora Studies
- Reading Room & Ladies Room
- Faculty Blocks
- Academic & Administrative Block
- Seminar Halls
- Virtual Learning Resource Centre
- Language Laboratory
- Open Air Wi-Fi Point.
- Alumni Cell
- Placement Cell
- Cafeteria
- Gymnasium
- Branch of Canara Bank & ATM

Sector 30 Campus:

On the sector 30 campus of the university academic institutions are located. They are:

- School of Applied Material Science
- School of Life Sciences
- School of Chemical Sciences
- School of Nano Sciences
- School of Environment and Sustainable Development
- Central Library
- Yoga Club
- Central Instrumentation Facility (CIF)
- Reading Room & Ladies Room
- Academic Block
- Laboratories
- Faculty Block
- Green House
- Conference and Multi-Purpose Hall
- Cafeteria
- Sports Room
- Medical and Consultation Facility
- Open Air Wi-Fi points

Central Instrumentation Facility (CIF)

The University is emerging as a centre of excellence imparting teaching and research in higher education in the disciplines of sciences, humanities and social sciences. The instruments required

for the multidisciplinary research in the areas of chemical sciences, life sciences, environmental sciences and Nano sciences are procured and installed at the Central Instrumentation Facility (CIF).

Instruments Available at the Central Instrumentation Facility:

Sr. No.	Instrument	Application
1.	Powder and Single Crystal XRD	Crystal structure analysis, determination of unit cell dimensions, measurement of sample purity, average grain size determination, crystal defects, etc.
2.	Atomic Absorption Spectrophotometer (AAS)	Quantitative determination of chemical elements, etc.
3.	Elemental Analyser (CHNS/O)	To determine the carbon, hydrogen and nitrogen, oxygen, sulfur elemental concentrations in a given sample, etc.
4.	High-Performance Liquid Chromatography (HPLC)	Used to identify, quantify or purify the individual components of the mixture, etc.
5.	Gas Chromatography (GC)	Analysis of organic compounds, drug analysis, toxicology, etc.
6.	Liquid Chromatography-Mass Spectrometry (LC/MS-QTOF)	Identification of compounds in complex mixtures, proteomic analysis, Rapid mass-directed purification of specific substances, etc.
7.	Fourier Transform Infrared Spectroscopy (FTIR)	Determination of functional groups, molecular structure, chemical bonding, etc.
8.	Brunauer Emmett Teller (BET) Surface Area Analyser	For the measurement of the specific surface area of a material, etc.
9.	Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)	Detection of trace metals etc.
10.	Spectroscopic Ellipsometer	Determination of dielectric properties of thin films and characterize composition, roughness, thickness, crystalline nature, doping concentration, electrical conductivity, etc.
11.	Refractometer Index (RI)	For the measurement of an index of refraction, etc.
12.	500 MHz Fourier-Transform Nuclear Magnetic Resonance (FT-NMR)	Determination of structure, dynamics, reaction state, chemical environment of molecules etc.
13.	Dynamic Light Scattering (DLS)	Determination of size and zeta potential of various particles including proteins, polymers, micelles, carbohydrates, nanoparticles, emulsions or molecules, etc.

14.	Scanning of Electron Microscope (SEM)	Examination of surface morphology, Identification of metals and materials, powder morphology, particle size, and analysis, etc.
15.	Scanning of Electron Chemical Microscope (SECM)	To determine the electrochemical behavior of liquid/solid, liquid/gas and liquid/liquid interfaces, etc.
16.	Atomic Force Microscope (AFM)	Topographic characterization of surfaces, the study of protein-nucleic acid complexes, chromosomes, cellular membranes, proteins, and peptides, etc.
17.	Electron Spectroscopy for Chemical Analysis (ESCA)	Determination of oxidation states, identification of polymeric coatings, surface compound identification, identification of organic contamination, detection of elements, etc.
18.	Ozonolysis	Used in drug syntheses, cleavage of an alkene or alkyne with ozone to form organic compounds, etc.
19.	High-Resolution Transmission Electron Microscope (HRTEM)	Size and morphology of particles, lattice parameters, crystal symmetry, and orientation, etc.
20.	Thermo Gravimetric and Differential Thermal Analysis (TG/DTA)	Determination of thermal stability, mass loss due to decomposition, oxidation or loss of volatiles, etc.
21.	Gel Permeation Chromatography (GPC)	To determine the polydispersity index, molecular weight, etc.
22.	Potentiostat	Analysis of reaction mechanisms related to redox chemistry and other chemical phenomena, etc.
23.	UV-visible Spectrophotometer	Determination of different analytes such as transition metal ions, highly conjugated organic compounds, biological macromolecules, etc.
24.	Porosimeter	Determination of pore diameter, total pore volume, surface area, absolute densities, etc.
25.	Polarimeter	Measurement of the optical activity, inorganic and organic compounds, etc.
26.	Total organic carbon (TOC)	To determine the amount of carbon found in an organic compound and used as a non-specific indicator of water quality, etc.
27.	Fluorescence-Activated Cell Sorting (FACS)	Rapid analysis of multiple characteristics of single cells including cell size, cytoplasmic complexity, DNA or RNA content, membrane-bound and

		intracellular proteins, etc..
28.	Ultra Centrifuge	Determine sedimentation velocity, shape, and mass of macromolecules, isolate viruses, organelles, membranes and biomolecules such as DNA, RNA and lipoproteins, etc.
29.	Real Time PCR (RT-PCR)	For the amplification of a targeted DNA molecule, quantitatively, and semi-quantitatively i.e. above/below a certain amount of DNA molecules, etc.
30.	High-Speed Centrifuge	Separate substances of greater/ smaller density, etc.
31.	Matrix-Assisted Laser Desorption/Ionization (MALDI-TOF)	Rapid identification of proteins, peptide mass fingerprinting, molar mass, etc. distribution, identification of micro-organisms, etc.
32.	Confocal Laser Scanning Microscope (CLSM)	Morphological studies of a wide spectrum of living cells and tissues, etc.
33.	Fluorescence microscope	Visualize specimens that emit light of a different color and to study intracellular signalling in bacteria, etc.
34.	DNA Sequencer	To determine the precise order of nucleotides within a DNA, etc.
35.	Fast Protein Liquid chromatography (FPLC)	Separation of various proteins, purification of plasmid DNA and RNA, etc.

Virtual Learning Resource Centre (VLRC)

The Virtual Learning Resource Centre (VLRC) is a web-based information retrieval service. It comprises electronic information accessed through the CUG Library website. This is a centre for all electronic and e-databases. The library OPAC and reference material can be accessed. The VLRC provides a facility of the internet to all students to have an easy access to electronic resources, e-databases, educational video services. It also provides a facility of the Language Lab to the students of the German Studies and the Chinese Studies.

The library uses Koha software for library operations and services. All the library operations like circulation, acquisition, journal subscriptions, cataloguing, online catalogue etc. are being managed using this software.

The Central Library has RFID technology for security for books as well as self-check-in and self-check-out facilities for circulation section.

The Central Library also provides off campus access through remote access software to e- journals and databases.

Central Library

Introduction

Rapid advances in Information and Communication Technologies are changing the library and information services drastically. Besides this, expectations of the users have also risen manifold. Libraries are not mere spaces anymore; they are much more than that. It has become a challenge for library management to keep pace with changing information packaging and delivery methods on one hand and meet the user expectations on the other. Central Library of Central University of Gujarat has been trying to do the same over the years and as per feedback from its patrons has been quite successful in this venture. Like previous years, this year also focus was on the strengthening of collection and implementation of latest information and communication technologies in its services. All the bibliographic details of books, ebooks, journals, Online Databases are accessible through the campus-wide Ethernet network. CUG Campus Sector-30, and 29 campus and school/centres and office of the University are connected to the Library through Intranet/Internet

Central Library has facility exclusively for Visually Challenged students to access Braille Software, Kurzweil, Sara CE, Jiffy Scanner installed. Central Library has created a Learning Centre for Visually Challenged.

CUG library has provided best practices services to CUG fraternity and research scholars to seamless, flexible and comprehensive resource discovery across the discipline in academic programmes

The current year library has e-journals are subscribed. Prominent among them are subscribed through e-ShodhSindhu: Consortium for Higher Education Electronic Resources.

It holds about 37596 books and 3275 ebooks, and subscribes to over online learned journals and over 7903+ e-journals

The library uses Koha software for library operations and services. All the library operations like circulation, acquisition, journal subscriptions, cataloguing, online catalogue etc. are being managed using this software.

Central Library uses RFID technology system for security of books theft and it provides self-check-in and self check out facility for circulation section. The library saves the time for readers.

The central Library portal and Library Blog portal will be strengthened with regards to better navigation so as to facilitate access from CUG 29 and 30 campus. The content will be rewritten and reorganized in light of the networked library system. All the publishers with whom the library is subscribing resources will be communicating with a new set of IP addresses; so that IP authenticated resource access can be activated. This will provide instant access to resources, without needing to put username and password for users in the CUG campus. Central Library also provides off-campus access through remote access software of e-journals and databases.

Governance Structure:

Library Advisory Committee

Chairman	-	Hon'ble Vice Chancellor
Members	-	All Deans,

Associate Professor
Asstt. Professor
Registrar
Finance Officer

Member Secretary - Librarian

Library Books/E Journals Purchase Committee

Chairperson : Prof. JPN Mishra (upto 21/12/2020)
Prof Bhawna Pathak (Professor In- charge Library)

Finance Officer : Prof. Sanjay Kumar Jha

External Member : Dr. D.K. Singh, Librarian, BHU

External Member : Dr. H. G. Hosamani, Scientist-D, INFLIBNET Centre

Secretary : Dr. K. B. Agadi

Acquisitions for the AR period mentioned below (Books, e-books, e-journals, databases, etc.):

Central Library received recommendations and approvals related to books, e-books, databases, journals, e-journals, magazines from the Faculty/Chairpersons/Deans from Schools/Centres. Thereafter the Library processed the requirements and placed it before the Library Purchase Committee for procurements as per established procedures. Every year grant is allocated to the Library under various heads depending on the grant received from the UGC. Library follows the procurement policy for the procurement of books, journals, e-journals, databases and e-books. Library regularly subscribes journals/e-journals/magazines which have been duly recommended by Faculty/Deans/ Chairpersons from Centres/Schools.

Acquisition:

Details	2020-21
No. of Books Added	1873
No. of E-books Added	2751
E-journals – eShodhSindhu Consortium for Higher Education Electronic Resources <u>American Chemical Society Journals</u> <u>Economic & Political Weekly (EPW)</u> <u>J-STOR</u> <u>Springer Link</u> <u>Taylor and Francis</u> (Subscribed by CUG) <u>Wiley-Blackwell Publishing</u> (Subscribed by CUG)	7903
Antiplagiarism Software a) Urkund/Turnitin Antiplagiarism	02
E-Databases JGatePlus ISID B. Open Access Databases	02

a. Dimension-Search Contents, Publications b. 1findr c. Lens d. Microsoft Academic e. frontiers	
-------------------------------------------------------------------------------------------------------------	--

Wi-Fi and ICT Facility

The University is Wi-Fi enabled and students can access the internet on the basis of a personal id and password provided by the University. The University also has a Virtual Learning Resource Centre and a Multimedia Lab that enables students to access a large variety of resources on the web that includes journals, databases, and books. The University also has the facility of Language Lab for intensive language learning.

Health Facility

The university has established a small health care unit in its temporary campus and appointed Doctors (on Contract) to provide health consultancy services to the students and employees of the university. In addition, the Government Civil Hospital is located near the university where students can avail medical facility.

The students of the university are also covered under accidental insurance policy.

Earn While You Learn Scheme

The Earn While You Learn Initiative is a unique scheme in the Central University of Gujarat for aiding deserving students of the undergraduate and postgraduate level programmes of the University who do not receive fellowships. As a part of the initiative, the students are assigned duties in the University Cyber Library after the classroom hours.

Remedial Programme

The Remedial Programme is meant for the students of the University to assist them with a view to enhance their writing and speaking skills in English as well as prepare them for competitive examinations. The programme is conducted with the support of U.G.C. Coaching Scheme for SC/ST/OBC/NCL/MC.

WSEP Programme

Writing Skills Enhancement Programme (WSEP) is a comprehensive program that focuses on enhancing the writing abilities of the students by developing basic language skills, academic writing and research paper writing techniques through the interactive mode of workshops and crash courses. The programme is organized at the University level.

Placement Cell

The University has established a Placement and Training Cell which is responsible for the interface between the University and possible recruiters. The University has a fully equipped placement office

and a Placement Officer. The Cell has begun placing students from the Winter Semester 2015.

Games and Sports

The University is aware of the importance of physical activities and organizes annual sports events. Due to the limited space available at the present location of the University, basic sports facilities are available on the campus. A multi-gym facility is available on campus. University has also tied up with Sports Authority of India (SAI), Gandhinagar for sports facilities.

Cultural Activities

Cultural activities among the student community on the campus are promoted through various cultural clubs. Students are encouraged to participate in various cultural activities.

Canteen

The University offers canteen facilities on both its campuses where snacks, tea, coffee/dining-in are available.

Transport Facility

The University has two buses which are available on demand for students and the University staff. The buses also ply between hostels and campuses at designated times.

Conference Facility

The University has well-equipped facilities for conferences, workshops, and seminars with seating capacity ranging from 50 to 200 persons.

Non-NET Fellowships

All the students enrolled for M.Phil. and Ph.D. programmes are eligible to receive a monthly fellowship through the UGC Non-NET fellowship initiative. The University follows the guidelines by the relevant funding bodies for Fellowship as prescribed from time to time.

Welfare Schemes for SC/ST, Minority and Girl Students

The welfare schemes notified and implemented by the Government of India and UGC are followed in the University and the schemes, announced from time to time, are introduced within the University as applicable.

Students from the state of Gujarat are also eligible for State Government Fellowship for SC/ST students.

Hostel Facilities

Hostel accommodation, both for men and women, is limited. The hostel fees are stipulated as per the norms of the University. However, private accommodation on a shared basis is available in the city of Gandhinagar.

Best Practices at CUG for Staff Welfare

- Complete automation of entrance examination and admission processes
- Automation of the Office of the Controller of Examinations
- Timely declaration of results
- Regular updating of curricula, once every 3 years
- CBCS followed across all Schools

- ICT enabled teaching – learning
- Financial support to students for international presentations
- Medical Facility & Reimbursement – Self & Family
- Tie up with four major hospitals for medical aid including cashless facility during hospitalization
- Ambulance Facility
- Leave Travel Concession – Self & Family
- Yoga Club
- New Pension Scheme
- Career Advancement Scheme
- Study Leave
- Travel Grants for Academic Participation to faculty members
- Group Insurance Scheme

Student and Employee Grievances Redressal

- Office of the Dean of Student's Welfare
- SC/ST Liaison Officer
- Equal Opportunity Cell
- Internal Complaints Committee
- Special Reservation Cell
- OBC Liaison Officer
- Student Council Office
- Grievance Redressal Committee

General Infrastructure and Amenities

- Adequate class rooms equipped with audio visual aids
- Virtual Class Room
- Science laboratories with modern equipment
- Central Instrumentation Facility
- Virtual Learning Resource Centre
- Language Lab
- Seminar/Conference Halls / Faculty Chambers
- Cafeteria
- Bank with ATM
- Bus Service
- Ambulance
- Ladies Room and Common Study Rooms
- Safe Drinking Water (RO System)
- Wi-Fi Connectivity & CCC surveillance
- Research funding by university to faculty for pilot projects
- Travel Grants
- Publication Grants

University Bodies

University Court

Constitution of University Court as per the provisions contained in statute:

Structure of Court	Court Members
Chancellor - Chairman	Dr. Hasmukh Adhia
Vice Chancellor	Prof. Rama Shanker Dubey
Pro-Vice Chancellor	Vacant
Registrar – Member Secretary	(Ex- Officio Secretary)
Finance Officer	Prof. Sanjay Kumar Jha
Controller of Examinations	Prof. Sanjeev Kumar Dubey
University Librarian	Vacant
Dean of Students' Welfare	Prof. H. B. Patel
Deans of Schools (by rotation on seniority) – Three to be nominated by Vice Chancellor	<ol style="list-style-type: none"> 1. Prof. Man Singh, SCS 2. Prof. Sanjay Kumar Jha, SNSS 3. Prof. J. P. N. Mishra, SLS
Chairpersons of Centres (Other than Deans), by rotation on seniority – Three to be nominated by Vice Chancellor	<ol style="list-style-type: none"> 1. Prof. Atanu Bhattacharya, CES 2. Prof. Balaji Ranganathan, CCLTS 3. Dr. Prakash C. Jha, SAMS
Professors of the University (other than Deans & Chairpersons), by rotation on seniority – Three to be nominated by Vice Chancellor	<ol style="list-style-type: none"> 1. Prof. Alok Kumar Gupta 2. Prof. Sanjeev Kumar Dubey 3. Prof. Sarita Agrawal
Four persons representing learned professions – to be nominated by the Visitor	<ol style="list-style-type: none"> 1. Prof. B. H. Jajoo, Former Dean, Visiting Professor, IIM Ahmedabad, Gujarat 2. Prof. Sangeeta Shukla, Vice Chancellor, Jiwaji University, Gwalior, Madhya Pradesh 3. Prof. Kailash Narain Tripathi, Former Vice Chancellor, Dr. Bhimrao Ambedkar University, Agra, Uttar Pradesh 4. Prof. Arvind Kumar, Professor, Department of Commerce and Management, University of Lucknow, Uttar Pradesh

<p>Four persons representing Industry, Labour, Commerce, Agriculture – to be nominated by the Visitor</p>	<ol style="list-style-type: none"> 1. Dr. Daksheshkumar R. Thakar Former Vice Chancellor Veer Narmad South Gujarat University Surat, Gujarat 2. Dr. Harish Dhanubhai, Doctor, Professor and Head, Department of Mathematics, Veer Narmad South Gujarat University, Gujarat 3. Dr. Pushpa Yashwant Gavit, Professor & HoD (Marathi Department), Vidyawardhini College of Science, Arts & Commerce, Maharashtra 4. Dr. Prashant Yogi, Senior Veterinary Professional & National Convenor, Pashu Arogya Bharti, Maharashtra
<p>Representatives of the teaching employees – Two (one Associate Professor and one Assistant Professor) – to be elected by regular teachers of the University, from amongst themselves</p>	<ol style="list-style-type: none"> 1. Dr. Atanu Mohapatra (Associate Professor, CDS) 2. Assistant Professor (Vacant)
<p>Representative of Students – Two to be elected by the Students’ Council from among its members</p>	<p>Awaited</p>
<p>Representatives of the Non-Teaching employees – Two – to be elected by regular employees of the University, from amongst themselves</p>	<p>Awaited</p>
<p>Representatives of the Alumni Association – Two to be elected by the members of the Alumni Association from among themselves.</p>	<p>Awaited</p>
<p>One nominated member of Executive Council elected from among the nominated members.</p>	<p>Vacant</p>

Executive Council

Structure of the Executive Council	Executive Council Members
Vice Chancellor	Prof. Rama Shanker Dubey, (Chairman, Ex-Officio)
Pro Vice Chancellor	Vacant
A Central University Vice Chancellor or a serving University Professor of Eminence, nominated by the Executive Council on the recommendation of the Vice Chancellor	Prof. Rajneesh Kumar Shukla Vice Chancellor Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, Wardha
Dean of Students' Welfare	Ex-officio
Five Deans of Schools of Studies of whom not more than three shall be from each of the groups specified below by rotation according to seniority; Group-I Faculty of Social Sciences, Management and Humanities Group-II Faculty of Science, Technology & Health Sciences	<p>Group - I</p> <ol style="list-style-type: none"> 1. Prof. H. B. Patel, Dean, School of Education (Upto 29.11.2021) 2. Prof. Sarita Agrawal, Dean, School of Social Sciences (Upto 29.11.2021) 3. Prof. Manish Dean, School of International Studies (Upto 03.03.2024) <p>Group – II</p> <ol style="list-style-type: none"> 1. Dr. Indrani Banerjee, Dean, School of Nano Sciences (Upto 29.11.2021) 2. Dr. Bhawana Pathak, Dean, School of Environment & Sustainable Development (Upto 03.02.2023)
One Professor, who is not a Dean, by rotation according to seniority, nominated by the Vice Chancellor	Prof. Balaji Ranganathan Centre for Comparative Literature and Translation Studies (Upto 03.03.2024)
One Associate Professor, by rotation according to Seniority, nominated by the Vice Chancellor	Dr. Arun Vishwanathan, Centre for Security Studies (Upto 03.03.2024)

One Assistant Professor, by rotation according to seniority, nominated by the Vice Chancellor	Shri Prabhat Kumar, Centre for Chinese Studies (Upto 03.02.2023)
Two Members of the Court, when constituted, elected from amongst the elected members, none of whom shall be an employee or student of the university or an institution recognized by or associated with the university	Awaited from University Court
Four persons of distinction in academic life, nominated by the Visitor	<ol style="list-style-type: none"> 1. Dr. Vimal Ramaniklal Parmar, Principal, Shri K P Shah Law College, Jamnagar, Gujarat 2. Dr. Shailesh Naranbhai Zala, Former Vice Chancellor Maharaja Krishnakumarsinhji Bhavnagar University, Gujarat 3. Prof. Asha Kaul, Professor, Communication Area, Indian Institute of Management, Ahmedabad 4. Prof. Kamakshi Agnihotri, Professor & Dean, School of Education, Devi Ahilya Vishwavidhyalaya, Indore
One Member each from the Categories, namely Scheduled Castes, Scheduled Tribes, Other Backward Classes, Minorities, Women and Differently Abled, nominated by the Vice Chancellor as members from the teachers of the University or other Central/State Universities	<ol style="list-style-type: none"> 1. Prof. Y. C. Simhadri, Visakhapatnam 2. Prof. T. V. Kattimani, Hyderabad 3. Prof. Saket Kushwaha, Itanagar 4. Prof. A. M. Pathan, Karnataka 5. Prof. Kavita Shah, Varanasi 6. Prof. Devendra Kumar Singh, Varanasi
Registrar	(Secretary, Ex-officio)

Academic Council

Structure of Academic Council		Academic Council Members
i.	Vice Chancellor	Prof. Rama Shanker Dubey, (Chairman, Ex-Officio)
ii.	Pro Vice Chancellor	Vacant
iii.	A Central University Vice Chancellor or a serving University Professor of Eminence, nominated by the Academic Council on the recommendation of the Vice Chancellor	Prof. Surya Pratap Singh Head, Department of Biochemistry Institute of Science Banaras Hindu University
iv.	Dean of Schools of Studies	<ol style="list-style-type: none"> 1. Prof. Man Singh, Dean, School of Chemical Sciences 2. Prof. Sanjay Kumar Jha, Dean, School of National Security Studies 3. Prof. Sanjeev Kumar Dubey, Dean, School of Language, Literature and Translation Studies 4. Prof. Sarita Agrawal, Dean, School of Social Sciences 5. Prof. Manish, Dean, School of International Studies 6. Prof. H. B. Patel, Dean, School of Education 7. Prof. Indrani Banerjee, Dean, School of Nano Science 8. Prof. Prakash C Jha, Dean, School of Applied Material Science 9. Prof. Bhawana Pathak, Dean, School of Environment & Sustainable Development 10. Prof. Atanu Mohapatra, Dean (I/c), School of Library and Information Sciences 11. Prof. Seema Rawat, Dean, School of Life Sciences

v.	Chairpersons of Centre of Studies	<ol style="list-style-type: none"> 1. Prof. Sanjeev Kumar Dubey, Chairperson, Centre for Hindi Studies 2. Prof. Balaji Ranganathan, Chairperson, Centre for Comparative Literature and Translation Studies & Chairperson (I/c.), Centre for English Studies 3. Prof. J. P. Pradhan, Chairperson, Centre for Studies in Economics and Planning 4. Prof. Manish, Chairperson, Centre for International Politics 5. Prof. Rajesh Makwana, 6. Chairperson, Centre for Gujarati Language and Literature, SLL&CS 7. Prof. Prakash C. Jha, 8. Chairperson, Centre for Applied Chemistry, SAMS 9. Prof. Atanu Mohapatra, 10. Chairperson, Centre for Diaspora Studies, Independent Centre 11. Dr. Arun Vishwanathan, 12. Chairperson, Centre for Security Studies, SNSS 13. Dr. Jayendra Kumar Amin, 14. Chairperson, Centre for Studies and Research in Education, SoE
vi.	Six Professors, by rotation, adequately representing different Schools of Studies, according to seniority nominated by the Vice Chancellor	<ol style="list-style-type: none"> 1. Prof. Man Singh, School of Chemical Sciences 2. Prof. Alok Kumar Gupta, School of Language Literature & Cultural Studies 3. Prof. Atanu Bhattacharya, School of Language, Literature and Culture Studies 4. Prof. Manish, School of International Studies 5. Prof. R. Hiranmai Yadav, School of Environment and Sustainable Development 6. Prof. Dinesh Kumar, School of Chemical Sciences

vii.	Six Associate Professors, by rotation, adequately representing different Schools of Studies, according to seniority nominated by the Vice Chancellor	<ol style="list-style-type: none"> 1. Dr. Arun Vishwanathan, Centre for Security Studies, SNSS 2. Dr. Jayendrakumar Amin, School of Education 3. Dr. G. R. Angadi, School of Education 4. Dr. Ajaysinh Chauhan, Centre for Gujarati Language and Literature, SLL&CS 5. Dr. Kshamanidhi Adabar, Centre for Studies in Economics and Planning, SSS
viii.	Six Assistant Professors, by rotation, adequately representing different Schools of Studies, according to seniority nominated by the Vice Chancellor	<ol style="list-style-type: none"> 1. Dr. Anushka Gokhale Centre for German Studies 2. Dr. Saurabh Sharma Centre for International Politics 3. Dr. Shiju Sam Varughese Centre for Studies in Science, Technology & Innovation Policy 4. Dr. Manasi Singh School of National Security Studies 5. Dr. Rina Kumari School of Environment & Sustainable Development 6. Dr. Sunita Patel School of Life Sciences
ix.	Dean of Students' Welfare	Prof. H. B. Patel
x.	Librarian	Vacant
xi.	One Proctor by rotating according to seniority	Prof. Indrani Banerjee
xii.	One Provost by rotation according to seniority	Prof. Seema Rawat
xiii.	One Warden by rotation according to seniority	Dr. Kunal Sinha
xiv.	Four persons not in the service of the University, co-opted by the Academic Council for their special knowledge	<ol style="list-style-type: none"> 1. Prof. Vishwambhar Nath Mishra Professor and Head, Department of Electronics Engineering Indian Institute of Technology Banaras Hindu University, Varanasi 2. Mr. Satish Jacob Senior Journalist, New Delhi 3. Dr. Om Prakash Pandey Former Scientific Advisor to

		Prime Minister, New Delhi 4. Shri Anand Mohan Tiwari, IAS, Ahmedabad (Former Additional Chief Secretary, Government of Gujarat)
xv.	Two Members of the Court, when constituted, elected from amongst the elected members, none of whom shall be an employee or student of the University or an institution recognized by or associated with the University.	Awaited from University Court
xvi.	Two students' representatives, to be nominated by the Vice Chancellor on merit basis, from members of the Student Council of University, on rotation basis. Such members shall not have the right to be present at the meeting of the Academic Council when it takes up for consideration any of the following subjects: (a) Faculty positions, recruitment, conditions of service and academic freedom; (b) Actual processes of evaluating academic performance and merit of students.	1. Mr. Kartikey Dhar Dwivedi, School of Applied Material Sciences 2. Mr. Divyanshu Yadav, Center for Diaspora Studies
xvii	The following representatives: <ul style="list-style-type: none"> • One of Scheduled Castes • One of Scheduled Tribe • One of Other Backward Classes • One of Minorities • One of Women; and • One of the Differently Abled shall be nominated by the Vice Chancellor as members from the teachers of the University or other Central/State Universities,	1. Prof. Sukhadev Bhoi, New Delhi 2. Prof. Sureshbhai C. Padavi, Anand 3. Prof. K. N. S. Yadava, Haridwar 4. Prof. Akbar Masood, Srinagar, J & K 5. Prof. Nisha Jha, Bhagalpur, Bihar 6. Prof. Sanjay Kumar Satyarthi, Daman
xviii	Registrar – Secretary	(Ex- Officio Secretary)

Finance Committee

Structure of the FC		Name of Persons nominated/appointed
17(1)(i)	The Vice Chancellor	Prof. Rama Shanker Dubey Chairman – Ex-officio
17(1)(ii)	The Pro Vice Chancellor	Vacant
17(1)(iii)	One person to be nominated by the Court	Awaited
17(1)(iv)	Three persons to be nominated by the Executive Council, out of whom at least one shall be a member of the Executive Council	Prof. A. N. Rai, North Eastern Hill University, Shilong Prof. Saket Kushwaha, Rajiv Gandhi University, Itanagar Prof. G C R Jaiswal, Patliputra University, Patna
17(1)(v)	Three persons to be nominated by the Visitor	JS & FA, MHRD, New Delhi Joint Secretary (CU&L), MHRD, New Delhi Joint Secretary, UGC, New Delhi
	The Finance Officer	Prof. Sanjay Kumar Jha Secretary - Ex-officio

Officials of the University

Deans of Schools

Sr. No.	Schools	Name
1.	School of Applied Material Sciences	Prof. Prakash C. Jha
2.	School of Chemical Sciences	Prof. Man Singh
3.	School of Education	Prof. H. B. Patel
4.	School of Environment and Sustainable Development	Prof. Bhawana Pathak
5.	School of International Studies	Prof. Manish
6.	School of Language Literature & Cultural Studies	Prof. Sanjeev Kumar Dubey
7.	School of Library and Information Sciences	Prof. Atanu Mohapatra
8.	School of Life Sciences	Prof. Seema Rawat
9.	School of Nano Sciences	Prof. Indrani Banerjee
10.	School of National Security Studies	Prof. Sanjay Kumar Jha
11.	School of Social Sciences	Prof. Sarita Agrawal

Details of Chairpersons

Sr. no	Centre	School	Chairpersons
1.	Centre for English Studies	School of Language Literature and Culture Studies	Prof. Balaji Ranganathan
2.	Centre for Comparative Literature and Translation Studies	School of Language Literature and Culture Studies	Prof. Balaji Ranganathan
3.	Centre for Gujrati Language and Literature	School of Language Literature and Culture Studies	Prof. Rajeshkumar Jethalal Makwana

4.	Centre for Hindi Studies	School of Language Literature and Culture Studies	Prof. Sanjeev Kumar Dubey
5.	Centre for Applied Chemistry	School of Applied Material Science	Prof. Prakash C. Jha
6.	Centre for Studies in Economics and Planning	School of Social Sciences	Prof. Jaya Prakash Pradhan
7.	Centre for International Politics	School of International Studies	Prof. Manish
8.	Centre for Securities Studies	School of National Security Studies	Dr. Arun Vishwanathan
9.	Centre for Diaspora Studies	Independent Centre	Prof. Atanu Mohapatra
10.	Centre for Studies and Research in Education	School of Education	Dr. Jayendrakumar N. Amin

Details of coordinators

Sr. No.	Centre	Schools	Co-ordinators
1	Centre for Library and Information Sciences	School of Library and Information	Dr. Minaxi Parmar
2	Centre for Studies in Science, Technology and Innovation Policy	School of Social Sciences	Dr. Hemant Kumar
3	Centre for Studies in Society and Development		Dr. Khaikholen Haokip
4	Centre for Gandhian Thought and Peace Studies		Shri Smruti Ranjan Dhal
5	Centre for Studies in Social Management		Dr. Sony Kunjappan
6	M.A. Social Work Programme Co-ordinator		Dr. Sony Kunjappan
7	Centre for Chinese Studies	School of Language, Literature & Culture Studies	Shri Swami Kundan Kishore
8	Centre for German Studies		Ms. Jaspreet Kaur Layal
9	Centre for Maritime Security Studies	School of National Security Studies	Dr. Manasi Singh
10	Centre for Studies in Strategic Technologies (Cyber and Space)	School of National Security Studies	Dr. Shrish Kumar Tiwari

Academics and Authorities

About the Department

The Academics and Authorities Department deals with formulation and implementation of academic policies of the university in line with such policies that are framed by the University Grants Commission, Govt. of India as well as the mandate given by the Central University Act, 2009. It is directly responsible for framing, amendment, notification and application of ordinances and statutes of the university on seminal matters related to academics, various authorities and so on. As a bureau coordinating all the work related to meetings authorities like Academic Council, Executive Council and Court, the Department is entrusted with the jobs of preparation of agenda items, recording resolutions and preparing action taken report on the resolutions. The Department also functions as mediator with various statutory bodies, professional councils and Government of India for issues of getting approval and sending reports to them from time to time. Headed by Registrar, the Department is managed by Deputy Registrar, Assistant Registrar and two Assistants.

Functions of Academics and Authorities Department

- Formulation and implementation of academic policies in accordance with UGC and MoE directives
- Framing, amendment, notification and application of ordinances and statutes of the university
- Preparation of agenda items, recording resolutions and preparing action taken report on the resolutions for meetings of Authorities of university
- Coordination with various statutory bodies, professional councils and Government of India for seeking of approval and other matters
- Acting on administrative matters related to public grievances, Rajbhasha Cell, Health Centre, Project matter and Fellowship Cell.
- Managing the University Vehicles, Hospitality and Travel Desk

Major Activities of Academics and Authorities Department during the year

- Revision of Academic and Administrative Ordinances
- Constitution and Notification of Academic and Executive Council, University Court, Finance Committee, School Boards, Centre Boards and Ordinance and Statute Committee, Planning and Monitoring Board etc.
- Processing monthly Non-Net Fellowship Claims and annual contingency claims of the eligible students
- Uploading and ensuring timely disbursement of DBT fellowships.
- Revision of the SOPs of Non-Net, DBT and other Non-DBT Fellowship.
- Processing administrative approvals for Guest lectures, distinguished lectures, seminars, webinars, workshops, conferences and symposiums organized by various schools and centres
- Processing administrative approval of externally funded projects awarded to faculties of the University.
- Processing Domestic and Foreign Travel grant to the faculty and non-faculty of the University.
- Preparation and after approval submit various ATRs to the Ministry and UGC and other bodies.
- Function as Travel Desk for Hon'ble Members of the Statutory bodies and other guests of the University.

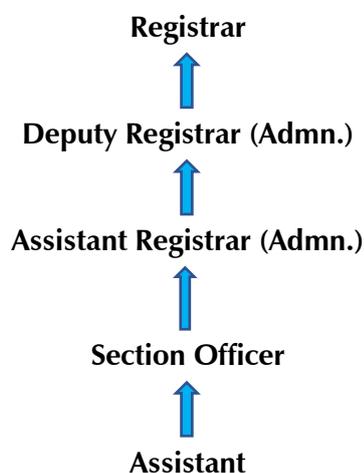
Administration and Establishment Department

About the Department

The Administration and Establishment Department deals with execution of work related to general administration, procurement of goods & services and management of the human resources of the university. It is directly responsible for effective implementation of procurement procedures outlined by the Govt. of India in the university, strict observance of regulations on administrative issues notified by University Grant Commission, New Delhi and keeping and updating various records related to the employees as well as the institution. Some of the key functions that the Department discharges within the above mentioned framework related to promotion of faculty under Career Advancement Scheme (CAS), preparation of reservation roster, effective operationalization of appraisal system for teaching and non-teaching staff, asset & stock maintenance and tendering procedures. The Department is also involved in the conceptualization and implementation of infrastructure project at the permanent campus of the university at Kundhela. Department is headed by Prof. Alok Kumar Gupta, Registrar (Offg.) up to 09/03/2021 and Dr. Satya Prakash Upadhyay, Registrar from 10/03/2021 under the guidance of Hon'ble Vice Chancellor. This department is functioning with Sri Jayprakash M Soni, Deputy Registrar, Sri Tarun Kumar Soni, Assistant Registrar, One Section Officer and an Assistant.

Governance Structure:

The governance structure of the Administration and Establishment Department is as under:



Functions of Administration and Establishment Department

- To provide academic support through General Administration for smooth and efficient functioning of the University.
- To provide quality Human Resources to all the Schools and Centres.
- To undertake purchase and procurement of general and scientific equipment for all the Schools and Centre.
- To maintain maintenance of records and service book of all staff.
- To maintain records of Assets, both Consumable and Non-consumable items.
- To maintain all records related to Administration.

Activities of the Department

Human Resources Cell

1. CAS promotions of faculty members
2. Preparation of Annual Performance Appraisal Report for non-teaching staff
3. Promotions of Non-Teaching Staff
4. Appointment of Guest Faculty
5. Revised the Recruitment Rules for non-teaching staff
6. Implementation of 7th CPC
7. Preparation of Reservation Rosters for PWD

Administration Department

1. DPR was approved vide letter No. 59-6/2019-CU.III dated 22/02/2021 received from Ministry of Education, Government of India.
2. M/s. Planning Solutions, Vadodara has been appointed as Architectural Consultant through Request for Proposal (RFP) for preparation of Master Plan and non-residential buildings for Phase – I (Package – I) of Permanent Campus of Central University of Gujarat at Village Kundhela near Vadodara.

Important Tenders

- Tender for Engagement of agency for providing Man-power.
- Tender for Providing Security Services.
- Tender for SS Reactor Chamber with Plasma Torch.
- Tender for Procurement of High-Performance Liquid Chromatography.
- Tender for Procurement of Nanoparticle size, charge and concentration analyzer.
- Annual Rate Contract for Supply of Chemicals, Reagents, Glassware, Plasticware, Liquid Nitrogen and other Laboratory Consumables.
- Tender for Procurement of Laboratory Scale Bench Top Freeze Dryer (Lyophilizer).
- Request For Proposal (RFP) for Phase – I.
- Tender for Supply, Installation and Commissioning of Video Conferencing Solution.

Important Committees

Constitution of National Service Scheme (NSS) Advisory Committee.

Hon'ble Vice Chancellor has constituted a NSS Advisory Committee comprising following members:

Sr. No.	Name	Position
1.	Prof. Rama Shanker Dubey , Hon'ble Vice Chancellor, CUG	Chairperson
2.	Registrar	Member

3.	Commissioner of Administrative Division or his/her representative	Member
4.	Secretary/Director of Education/ Youth Services	Member
5.	Head of concerned NSS Regional Centre	Member
6.	TOC/TORC Coordinator	Member
7.	Three faculty members 1. Dr. Litty Denis , Asst. Professor, Centre for Studies in Social Management, CUG 2. Dr. Dheeraj Rathore , Asst. Professor, School of Environment and Sustainable Development, CUG 3. Dr. Manu Sharma , Asst. Professor, School of Nano Sciences, CUG.	Member
8.	One or two NSS student representative	To be nominated annually
9.	State Liaison Officer, NSS	Member
10.	5 representatives from concerned Govt./Non-Govt. organizations involved in youth Programmes/social work/rural development work at divisional / district level (like NYK, Scouts & Guide, NCC, NGOs etc. 1. Prof. Atanu Mohapatra , Chairperson EBSB 2. Prof. Bhawna Pathak , Nodal Officer Unnat Bharat Abhiyan 3. Prof. R. Y. Hiranmai , Presiding Officer, ICC 4. Prof. Manish , Chairperson, ICT 5. Dr. Alok Pandey , Yoga Instructor	Member
11.	Dean of Students' Welfare	Member
12.	Finance Officer	Member
13.	Prof. Alok Kumar Gupta , SLL&CS, NSS Coordinator, CUG	Member
14.	Dr. Rajneesh Kumar Gupta , NSS Nodal Officer, CUG	Member-Secretary

The above Committee is an apex body as far as implementation of NSS at University Level. The Programme Coordinator approach the University Advisory Committee for approval of NSS Budget, covering NSS activities and establishment expenditure on NSS Cell and also programme activities to be undertaken during the year. The above Committee meets at least twice a year to review plan and monitor the NSS activities.

The above Committee considers the financial and establishment proposals as per the administrative and policy directives issued by the Govt. of India and contained in NSS Manual.

Constitution of Staff Grievance Redressal Committee.

Hon'ble Vice Chancellor has reconstituted **Employees Grievance Redressal Committee** of the following members with immediate effect for a period of one year or till further orders:-

Sr. No.	Composition	Name & Designation
1.	Chairperson	Registrar
2.	Executive Council Member	Dr. Shailesh Naranbhai Zala, former Vice Chancellor of Maharaja Krishnakumarsinhji Bhavnagar University, Gujarat.
3.	One-lady Representative from Faculty	Prof. Sarita Agrawal, School of Social Sciences.
4.	One male Representative from Faculty	Prof. H. B. Patel, Dean, School of Education.
5.	One lady Representative from non-teaching employees	Ms. Rinal Patel, F&A Department.
6.	One male Representative from non-Teaching employees	Dr. Hemang Desai, Deputy Registrar
7.	Liaison Officer SC /ST /OBC /Minorities where ever grievance of employees belonging to these category)	Liaison Officer SC/ST/OBC/ Minorities where ever grievance of employees belonging to these category
8.	(Chairperson ICC, PWD where grievance are from women employees or PWD employees.)	(Chairperson ICC, PWD where grievance is from women employees or PWD employees.)

The Committee works as per GOI/MHRD/UGC/University Guidelines and Rules. The Committee recommends appropriate action to be taken.

Constitution of “Yoga Programme Implementation Committee”.

In order to implement the guidelines of MHRD, GOI and UGC on Promotion of Yoga, Hon’ble Vice-Chancellor has reconstituted the “**Yoga Programme Implementation Committee**” of Central University of Gujarat with following members with immediate effect till further orders:-

1.	Prof. Atanu Mohapatra, Chairperson, CDS	Chairperson
2.	Dr. Rajneesh Gupta, Assistant Professor, NSS Coordinator	Convener
3.	Dr. Rina Kumari, Assistant Professor, SESD	Member
4.	Dr. Dheeraj Rathore, Assistant Professor, SESD	Member
5.	Shri Tarun K. Soni, Assistant Registrar	Member
6.	Dr. Leela Thakur, Sports Instructor (on contract)	Member
7.	Shri Alok Kumar Pandey, Yoga Instructor (on contract)	Member

The Committee is entrusted to implement Yoga Programme in Central University of Gujarat as per the guidelines of GOI/ MHRD/ UGC

Constitution of Internal Quality Assurance Cell (IQAC).

By the direction of the Hon'ble Vice Chancellor, the Internal Quality Assurance Cell (IQAC) of Central University of Gujarat has been constituted as per NAAC Guidelines with immediate effect for a period of two years or till further orders consisting of following members:-

Sr. No.	Category	Name of the Members
1.	Chairperson	Prof. R. S. Dubey, Hon'ble Vice Chancellor
2.	Senior Administrative Officers	(a) Registrar (b) Finance Officer (c) Controller of Examinations (d) Deputy Registrar (Administration)
3.	Teachers of the University	Prof. Manish, Dean, SIS Prof. Atanu Bhattacharya, Dean, SLL&CS Prof. Balaji Ranganathan, Chairperson, CL&TS, SLL&CS Prof. Sanjay Kumar Jha, Dean, SNSS Prof. H. B. Patel, Dean, SOE Prof. Indrani Banerjee, Dean, SNS Prof. Bhawana Pathak, Dean, SESD Prof. Seema Rawat, SLS Dr. Vinay Kumar Donthula, Assistant Professor, CGS, SLL&CS Dr. Kunal Sinha, Assistant Professor, CSST&IP, SSS
4.	One member from the Executive Council	Vacant
5.	One nominee from local society, Students and Alumni	Mr. Gautam M Jain, Chairman, Rajasthan Hospitals Ltd, Ahmedabad.
6.	One nominee from Employers / Industrialists / stakeholders	Mr. Dharmendra Joshi, Gujarat Chamber of Commerce & Industry, Ahmedabad.
7.	One of the senior teachers as the Director of the IQAC	Prof. Atanu Mohapatra, Chairperson, CDS

The Internal Quality Assurance Cell (IQAC) of Central University of Gujarat functions as per the guidelines of NAAC.

Re-constitution of Placement Cell of the University.

Hon'ble Vice Chancellor has re-constituted Placement Cell of the University with immediate effect till further orders as per following:

Sr. No.	Name & Designation	Remarks
1	Prof. Balaji Ranganathan, Chairperson, CCL&TS, SLL&CS	Chairperson
2	Dr. Prakash C. Jha, Dean, SAMS	Coordinator
3	Dr. Rajesh Vasita, Assistant Professor, SLS	Member
4	Dr. Vinay Kumar, Assistant Professor, CGS, SLL&CS	Member

All are requested to take note of it.

Constitution of Alumni Cell.

By the directions of the Hon'ble Vice Chancellor, an Alumni Cell has been constituted consisting of the following members:

Sr. No.	Name & Designation	Remarks
1	Prof. Atanu Bhattacharya, Dean, SLL&CS	Chairman
2	Dr. Umesh C. S. Yadav, Associate Professor, SLS	Member
3	Dr. Hemang Desai, Deputy Registrar (Academics)	Member
4	Dr. Tulika Tripathi, Assistant Professor, SSS	Member
5	Dr. Sony Kunjappan, Assistant Professor, SSS	Coordinator

The Alumni Cell follows all guidelines of UGC and University.

Re-constitution of University Building Committee.

In pursuance of the UGC directions and by the directions of Hon'ble Vice-Chancellor, the **University Building Committee** has been re-constituted as under:

Composition of University Building Committee		
Sr.no	Vice Chancellor – Chairperson	Prof. Rama Shanker Dubey
1.	A representative of the Planning Board of the University.	To be Nominated
2.	A representative of the user Department	A representative of the user Department as and when required
3.	Two Professors/Associate Professors of the University nominated by Vice Chancellor.	Prof. Man Singh, Dean, SCS Prof. Sanjay K. Jha, Dean, SIS
4.	Finance Officer of the University	Finance Officer
5.	Principal of the Engineering College of the University or Head of Civil Engineering Department (where it exists), otherwise a person	Prof. (Dr.) U. D. Patel, Professor & Head, Department of Civil Engineering, Faculty of Technology

	of equal status from a neighboring University/College.	and Engineering, M S University of Baroda
6.	Chief Engineer (Civil) of CPWD or state PWD or his representative not below the rank of Superintending Engineer.	Shri Rajiv Sharma, Chief Engineer, CPWD, Gandhinagar
7.	A retired Chief Engineer/Superintending Engineer (Civil) of CPWD/State PWD/Public Sector Undertaking.	Shri P. M. Patel, Retired Chief Engineer, Sardar Sarovar Narmada Nigam Limited, Government of Gujarat.
8.	Superintending/Executive Engineer (Electrical) of CPWD or State PWD.	Shri Pratik Mehta, Superintending Engineer, R & B Department, Government of Gujarat
9.	Superintending/Executive Engineer (Public Health) of CPWD or State PWD.	Shri Hemant Pandya, Superintending Engineer, Government of Gujarat
10.	University Engineer	Vacant
11.	Senior most Architect of the University (where it exists), otherwise a Chief Architect or person of equal status from a neighboring University/College.	Prof. Preety Shah, Principal, SMAID, New Vidyanagar, Anand
12.	Chief Architect/Deputy Chief Architect or a person of equivalent status from Central or State Department.	Shri Vishal Vyas. Chief Architect, Government of Gujarat.
13.	Senior most Landscaping Expert of the University (where it exists), otherwise from some neighboring Institution/ Government Department/ Public Sector Undertaking or to be hired as a consultant by the University for a limited period.	Shri Arup Ghosh, Senior Most Landscape Architect.
14.	Registrar of the University	Member Secretary
15.	½ of the members of the Building Committee shall form the quorum for holding meeting of the Building Committee. However, presence of at least two Engineers and one Architect is must.	
16.	Proposals for construction/renovation/repair costing more than Rs.75.00 lakhs are sent to UGC for examination by the standing committee.	

The Building Committee shall be responsible for finalizing the plans and estimates of the various building project proposal and for ensuring the completion of the building in accordance with the approved plans and estimates and proper utilization of the funds.

The Building Committee should also ensure the following:

- i. Value Architecture and Value Engineering: That the Architects involved suggest value architecture with a view to economize the project by avoiding unnecessary high-cost options, without compromising on quality. The Value engineering also aims to achieve the same goal.
- ii. That the master plan not only takes care of the immediate requirements but also takes into account future expansion scopes for varied and unforeseeable needs.
- iii. That the implementation of the project is properly prioritized so as to take up only essential works in the first/earlier phases e.g., teaching- learning infrastructures like class rooms, hostels, faculty residences etc. It may also consider certain modular designs, which can be expanded gradually in future as per requirements.
- iv. That the Faculty residences should only as per immediate needs.
- v. That the Guest House should not be too big which remains underutilized.
- vi. That a 'Plantation master Plan" for the whole campus, involving experts in landscaping, horticulture, forestry etc., is prepared to plant maximum number of trees and plants, wherever possible, e.g. along boundary walls/roads/tracks, in empty spaces which are not to be used for any other purpose.
- vii. That the green building concept is adopted so that the proposed buildings are less power consuming. Use of solar energy should be promoted.
- viii. The Planning should include rain water harvesting and waste water recycling.
- ix. That no wasteful expenditure is incurred on any component.

The University Building Committee of CUG may, after thorough examination, properly prioritize and recommend the specific projects to be started along with their cost and quarterly/yearly requirement of funds till completion.

After University Building Committee's recommendation, the university may place the proposal for these specific building projects before Finance Committee for its approval. After FC's approval, the university may place the same before Executive Council for its approval. These proposals then may be forwarded to UGC for examination by its Standing Committee and for funding. One or more members of the UGC Standing Committee may make site visits for on-site inspection of the projects before sanctioning funds.

The concerned bureau of UGC will sanction only project wise funds and not lump sum and will release monthly/quarterly project-wise funds depending upon the utilization to avoid parking of funds as per the instructions of Finance Ministry. Diversion of funds from one project to another will be done only with the permission of UGC's Standing Committee.

Admission and Evaluation Department

Introduction

The office of controller of examinations runs the admission department and examination and evaluation department. These departments act as a gateway to the students' entry into the university and exit after completion of the study in particular programmes. The activities of the department are orientated towards students' academic life cycle and career progression in the University. The evaluation department strives to accomplish timely and smooth evaluation of thesis/dissertation as mandated by UGC. Further, the COE office has adopted a students' data management system which has enabled online enrolments/registrations, folio filling, marks entry and result preparations and issuing certificates.

2020-21 Admissions at a glance

For Smooth conduct of Entrance Examination an Admission Committee was constituted to initiate necessary preparations for the admission 2020-21 by the Hon'ble Vice Chancellor vide Office Order No. 004/2020 dated 10.02.2020 and Controller of Examinations appointed as chairperson of the admission committee. The University joined the Central Universities Common Entrance Test (CUCET) platform for Admissions and appointed Controller of Examinations, as Nodal Officer for 2020-21. The University commenced the admission process to various UG, PG, M.Phil., Ph.D. Programmes that are offered by different schools and centres for the Academic Year 2020-21.

Sr. No.	Name	Role
1.	Controller of Examinations	Chairperson and Nodal Officer CUCET-2020
2.	All Deans or his/her nominee	Members
3.	All Chairperson of Centres	Members
4.	All Coordinators of Centres	Members

Admission Sub Committees 2020-21

1. Prospectus and Publicity Committee:

Name of Members	Name of Members
Prof. Atanu Bhattacharya, Convener for Prospectus preparation	Prof. H.B. Patel, Convener for Publicity
Prof. Balaji Ranganathan, Member	Prof. J.P.N. Mishra, Member
Dr. Dinesh Kumar, Member	Prof Sarita Agrawal, Member
Dr. Arun Vishwanathan, Member	Dr. Atanu Mahapatra, Member
Dr. Pramod Kumar Tiwari, Member	Dr. Jayendrakumar N. Amin, Member
Dr. Prakash Jha, Member	Dr. Beryl Anand, Member
Mr. Nishant Kumar, Member	Dr. Bhakti Gala, Member

2. Admission Webpage Committee:

Name of Members	
Prof. Manish, Convener	
Dr. Umesh C.S. Yadav, Member	

3. Question paper Committee:

Name of Members	
Prof. Manish	Convener
Dr. Prakash Jha	Member
Dr. Shiju Sam Varughese	Member
Dr. Bhawana Pathak	Member
Dr. Umesh Kumar	Member
Dr. Sudarshan Papanna	Member

4. Intake Assessment Committee:

Name of Members	
Prof. Sanjay Kumar Jha	Convener
Prof. Sarita Agrawal	Member
Dr. Umesh C. S. Yadav	Member
Dr. Dinesh Kumar	Member
Dr. Arun Vishwanathan	Member
Dr. Sudeep Basu	Member

5. International Students Committee:

Name of Members	
Prof. Sanjay Kumar Jha	Convener
Prof, Atanu Bhattacharya	Member
Prof. Manish	Member
Prof. Sarita Agrawal	Member
Dr. Sony Kunjappan	Special Invitee as International Students' Advisor

Time Line of Entrance Test for Academic Year 2020-21

Sr. No.	Important Dates	Date
1.	Admission Notification	16.03.2020
2.	Online Application Form availability on the Website	16.03.2020
3.	Last date for submission of Online Application Form	11.04.2020
4.	Date of Entrance Test	18 th to 20 th September 2020

Major Highlights of the Department

- Successful online entrance examinations conducted for the admission to different programmes in the Academic Year 2020-21.
- After the declaration of CUCET results, published the merit list online and provided online enrolment facility to new students, using which they could register from the place of their dwellings, saving them money due to frequent travel and lodging in city hotels.
- Establishment and implementation of NAD and digital degree on NAD portal of first lot of the students who have awarded degree during 1st convocation 2018 and 2nd Convocation 2020 have been uploaded. NAD is being popularised among students so that they can access their degrees online through NAD and get it digitally verified during employment.
- Timely declaration of results as per the academic calendar of the university and issuance of mark/grade sheets on time.
- The COE office has adopted an online solution for the Student Information and Exam Process Management System (SI&EPMS) in the University with the aim to bring its service completely online.

Third Convocation of Central University of Gujarat

The third convocation of the university was held on 23rd February 2021 at Main Convention Hall, Mahatma Mandir, Sector 13, Gandhinagar – 382016. Honourable President of India, Shri Ram Nath Kovind was the Chief Guest and delivered convocation address. Hon'ble Education Minister of India, Shri Ramesh Pokhriyal 'Nishank', Honourable Governor Shri. Acharya Dev Vrat and Honourable Deputy Chief Ministry Shri. Nitin Patel were special guests at the event. The degrees conferred to the students in the presence of Honourable Chancellor, Dr. Has Mukh Adhia and Honourable Vice Chancellor, Prof. Rama Shankar Dubey for completing their undergraduate, postgraduate and research programmes and become eligible for award of B.A., B. Voc., M.A. (2 Year and 5 Years Integrated), M.Sc., M. Lib. I. Sc., M.Phil. and Ph.D. after the date of 2nd convocation held on 22nd February 2020 and were found eligible. The University awarded CUG Medals to the students securing highest mark at each UG/PG programme of the academic year 2018-19.

The Controller of Examination led the convocation procession comprising of the Executive council, Academic council members to the dais. Honourable Vice Chancellor welcomed the dignitaries and guests to the 3rd convocation of the university. The COE presented all the graduands to be admitted for the award of respective degrees and Hon'ble Chancellor accepted the graduands present at the venue as well as in absentia. All the toppers of the program were honoured with Gold Medal by Honourable President of India, Shri Ram Nath Kovind and all eligible PG, UG and doctoral students, received their degrees on the dais from Honourable Education Minister of India, Shri Ramesh Pokhriyal 'Nishank'. One new gold medal was instituted from this year onwards for the student scoring highest marks in the fourth semester of M.A. in Economics in the name of Smt. Vidhyadevi Agrawal. The gold medal was instituted by Prof. Sarita Agrawal.

The dignitaries consisting of government officials, heads of premier educational institutions of the capital city Gandhinagar, renowned professionals as well as the parents of the graduating students, faculty members, staff and student community were present and extended their good wishes to the graduated students who began a new chapter of their professional lives with their academic degrees. A total of 244 degrees were awarded including 73 PhD, 26 MPhil, 121 postgraduate and 24 undergraduate and 21 medals were awarded to students securing highest marks at UG and PG programmes. The President told the graduating students to imbibe the culture of self-reliance, entrepreneurship and self-employment displayed by the people of Gujarat. The President lauded the achievement of CUG that “55% of the students taking education here are girls and in Convocation Ceremony out of 23 medals, 13 are won by girls.”



Finance and Accounts Department

About the Department

The Finance and Accounts Department functions as per provisions of Central Universities Act, relevant Ordinances and directions of Executive Council. The day-to-day function of the department is supervised by Finance Officer under the direction of Vice Chancellor. The department exercises general supervision over funds of the University and advises Vice Chancellor and Executive Council regarding financial policy of the University within the framework of relevant Government of India rules. Also, it performs other financial functions as assigned by Competent Authority. Main function of the department includes preparation of annual budget under the supervision of Finance Committee and Executive Council, exercise internal control, Internal Audit and processing of payments. The Annual Accounts and Balance Sheet of the University is prepared every year by finance department under the Direction of Finance Committee and Executive Council. The Annual Accounts of the University are audited every year by the C&AG of India. The audited Annual Accounts are presented to the Court, Finance Committee, Executive Council before onward submission to MHRD to be placed before Parliament.

The Finance and Accounts department is headed by Finance Officer (Offg.), who is assisted by Assistant Registrar, Drawing & Disbursing Officer, Internal Audit Officer and support staff. Responsibilities at the department have been assigned to four desks namely: Budget and Finance Desk, Accounts Desk, Bill and Payment Desk and Internal Audit Desk. At present, there are 03 officers and 08 staff deputed to discharge different responsibilities at the department.

Major Highlights

- University has achieved the target set up by the MoE for 100 percent cashless transactions from the F.Y 2019-20.
- Efforts for streamlining accounting system and financial management have been appreciated by both FC and EC.
- One of the first Universities to start the payment through TSA system under PFMS portal.
- Separate Audit Report on the Accounts of the University for the FY 2019-20 have been appreciated by the Finance Committee of the University.
- University has strengthened the internal audit system with the help of Consultant CA and Internal Audit Officer (consultant). Internal audit of the university is being carried out at regular intervals. The preparation of Internal Audit Manual is in progress.
- The University has addressed all the outstanding Audit Para (Inspection Report) up to the FY 2018-19 and submitted its compliance report to the office of C&AG. In this regard a meeting of Audit Committee was held at CUG on 24.06.2021 to discuss the outstanding audit para.
- The department is working on complete computerization of financial management and accounting system

Office of Dean of Students' Welfare

Following is the constitution of office of Dean of Students' welfare:

DSW Office

DSW	Prof. H. B. Patel
Dy. DSW	Dr. Minaxi Parmar
Clerk	Mr. Gajendrasinh Rathod

Provost Office

Provost	Dr. Seema Rawat
Warden	Dr. Sunita Patel (Girl's Hostel)
Warden	Dr. Lenin (Boy's Hostel)
Warden	Dr. Kunal Sinha (Boy's Hostel)
Warden	Dr. Paulmi Sahu (Girl's Hostel)
Warden	Dr. Manu Sharma (Girl's Hostel)
Warden	Dr. Rajneesh Gupta (Boy's Hostel)
Warden	Dr. Jagannathan Begari (Boy's Hostel)
Clerk	Mr. Harnish Chauhan
Caretaker	Mr. Rohit Patel (Boy's Hostel)
Caretaker	Mr. Vashisth Patel (Boy's Hostel)
Caretaker	Mrs. Twinkal Patel (Girl's Hostel)
Caretaker	Mrs. Kokilaben (Girl's Hostel)

Details of the activities undertaken during the year

Medicine Distribution

- ✓ Distributed basic medicine to boost up immunity for all students of CUG.
- ✓ A Kada distribution drive was also organized at the campus of CUG
- ✓ In order to meet the immediate needs in the COVID situation, a volunteer group was created named as CUG corona Warriors Group. Some 40 staff members had joined the group. The group worked 24*7 to help the staff members and students during difficult times such as making arrangements to shift the covid- positive staff members or their relatives to hospital or care centre, arranging food for those in isolation at home, etc.



Facilities

Gymnasium

A multi-functional gym facility is available for both staff and students. It has a trainer who supervises the activities.



Transport

The University has two Buses one AC bus and second non-AC bus which is available for students. The buses run from different hostels to both campuses.



Hostel

The Central University of Gujarat provides hostel facility to outstation students. The Girls' and boys' hostel are scattered across Gandhinagar. Out of approximately 900 students hostel facility is provided to 568 students, which includes 312 boys and 256 girls.

CUG Girls' Hostel Summary

Sr.	Name of Hostel	Intake Capacity	Remarks
1	Sector-20 Girls' Hostel	21	Government Rented Building
2	Sector-30 Girls' Hostel	62	Government Rented Building
3	Infocity Girls' Hostel	185	Private Rented Building
4	NICM Girl's Hostel	32	Private Rented Building
Total		300	

CUG Boys' Hostel Summary

Sr.	Name of Hostel	Intake Capacity	Remarks
1	Sector-20 Boys' Hostel	42	Government Rented Building
2	Sector-30 Boys' Hostel	35	Government Rented Building
3	Sector-24 Boys' Hostel	112	Government Rented Building
4	Pethapur Boys' Hostel	144	Private Rented Building
Total		333	



Facilities in the Hostels

- 24 hours Electricity
- One Coat, One Chair & One Table for every student
- 24 hours Security
- Mineral Water
- Transportation
- Table Tennis, Carom, Chess, Badminton, Volleyball etc.
- T.V. Room
- Reading Room
- News Paper
- Computer facility

Canteen

The University has a canteen and dining hall where lunch, dinner, snacks, tea, coffee are available in both Sector-29 and Sector-30 campuses.



Medical

Four doctors are available from 03:00pm to 05:00pm Monday to Saturday. This facility is primarily for addressing students' health issues. Further, one ambulance is available 24*7 for any medical emergency.



Accident insurance for students

Coverage:

- 1) Accidental Death
- 2) Accidental – Permanent Total Disability
- 3) Accident – Permanent Partial Disability
- 4) Accident- Hospitalization Exp upto Rs 50,000/- each

Cells and Committees of the University

Bachelor of Vocation course on Rational Approach to Drug Design (B. Voc.)

The University Grants Commission (UGC) has launched a scheme on skills development based higher education as part of college/university education, leading to setting up of Bachelor of Vocation courses (B. Voc.) to serve multiple needs, including (i) career oriented education and skills to students interested in directly entering the workforce; (ii) contracted training and education programmes for local employers; (iii) high-touch remedial education for secondary school graduates not ready to enrol in traditional colleges, giving them a path to transfer to three or four year institutions; and (iv) general interest courses to the community for personal development and interest. Bachelor of Vocation has the option of multiple exits such as Diploma and Advanced Diploma under the NSQF (National Skills Qualifications Framework).

The Bachelor of Vocation model, by and large, is accessible to a large number of individuals of the community, offer low cost and high quality education locally, that encompasses both vocational skills development as well as traditional coursework, thereby providing opportunities to the learners to move directly to the employment sector or move into the higher education sector. It offers a flexible and open education system which also caters to community-based life-long learning needs.

About the programme

The programme is undertaken under School of Applied material Science and is designed to educate and create skilled manpower that can serve the society through the knowledge gained during the course of time. The students enrolling in the course is benefitted in several ways. The candidate works in the campus as well as with the industries during the time of the study. If a candidate successfully completes first year of study, s/he is awarded a diploma and is capable enough to serve as a laboratory assistant in any industry or academic institution. A candidate completing two successful years in Bachelor of Vocation program is awarded an advanced diploma. An advanced diploma qualified student in Pharmaceutical Chemistry is fit for working in ADL, QC and Production department of any pharmaceutical industries. The candidate completing all three years of the course successfully is awarded a Bachelor of Vocation in Pharmaceutical Chemistry and is fit for getting absorbed in any division of Pharmaceutical Industries. Previous batch students have successfully completed B. Voc. Programme and joined prestigious Universities in India and foreign countries for further studies.

Education details of previous students

S. No	Name of the Student	Year of Passing	Present Position in
01	Miss. Prachi Jadav	2019-20	Master's programme in Kings College London
02	Mr. Mithilesh Kumar Patel	2019-20	Master's programme in Indian Institute of Mass Communication

03	Miss. Geeta shukla	2019-20	Master's programme in National Forensic University, Gandhinagar
04	Siddharth Saurabh	2019-20	Master's Programme in M S University Baroda
05	Prince Kumar	2019-20	Preparing for M. Sc

Central University of Gujarat Alumni Association

The University has established Central University of Gujarat Alumni Association (CUGAA) vide notification no 46/2016-17 dated 09 August 2016. At the 24th meeting of Executive council held on the 16th July 2018, resolution was passed and fixed the life membership fees at Rs. 2000 with registration fees of Rs. 200. There is also a provision of paying the first instalment of Rs. 1200 (non-refundable) and second instalment of Rs. 1000 to be paid within a period of 6 months as per the letter received from Registrar on 27 Sept 2019.

CUGAA has been set up to develop strong and enduring relations with the alumni of the University in order to promote interaction among alumni and provide valuable social and professional outcome. CUG alumni constitutes a strong support to the institution through their achievements in scholarship, innovation and excellence in different walks of life. Registered Membership of CUGAA provides a forum way for alumni to help each other as well as prospective students, current students, and young alumni who seek guidance in pursuing their education and in starting their careers. This provides an opportunity to all the members to implement programs that promote the interests of the University and its alumni.

Alumni Policy, in line with MHRD/UGC guidelines for CUGAA Chapter has been prepared and submitted on February 6, 2020. An Alumni Endowment Fund is set up. Website of Alumni Cell had been updated.

Initiated the process of Registering Alumni Association, under Society Registration
There are about 1561 passed out students as on 2020 from CUG. Presently, there are 70 Registered Alumni.

Ek Bharat Shreshtha Bharat (EBSB)

“Sardar Patel gave us Ek Bharat it is now the solemn duty of 125 crore Indians to Collectively Make Shreshtha Bharat”

Shree Narendra Modi,
Hon'ble Prime Minister of India

Introduction

India is a unique nation, whose fabric has been woven by diverse linguistic, cultural and religious threads, held together into a composite national identity by a rich history of cultural evolution, coupled with a rousing freedom struggle that was built around the tenets of nonviolence and justice. The spirit of mutual understanding amidst a shared history has enabled a special unity in diversity,

which stands out as a tall flame of nationhood that needs to be nourished and cherished into the future. It is important to establish cultural exchanges between people of different regions, as a means to further human bonding and a common approach to nation-building.

The Ek Bharat Shreshtha Bharat (EBSB) scheme was announced by the Hon'ble Prime Minister of India, Shri. Narendra Modi on 31st October 2015 on the occasion of the 140th birth anniversary of Sardar Vallabhbhai Patel. The program is fundamentally designed to make people aware about the art, culture, history, tradition, education, language etc. There will be an exchange of art, culture, history, tradition, education, language etc. between different States/UTs. Pairs of two States/UTs have been made at the central level.

Under this scheme, Gujarat and Chhattisgarh are paired with each other. One of the fundamental aims of this scheme is to understand the art, culture, history, tradition of different states and country at large. It will enhance the attachment between people of different states and will strengthen the unity and integrity of India. Hence, our Prime Minister has said, सरदार वल्लभभाई पटेल ने हमें एक भारत दिया, अब यह १२५ करोड़ भारतीयों की जिम्मेदारी है कि भारत को श्रेष्ठ बनाये (Sardar Patel gave us Ek Bharat, now its solemn duty of 125 crore Indians to make it Shreshtha Bharat). In this way all the states and its people will connect with each other in the next few years. In the first stage, students are the main parts of this scheme. The potential students will be selected in this scheme and they need to travel to the paired state to learn and understand the art, culture, history, tradition of different states and country at large. It will strengthen the unity and integrity of India.

Aims of EBSB

The fundamental aim of the EBSB is to expose the students to the art, culture, history, tradition, education, language etc. between different States/UTs of the country.

Objectives

- To celebrate the Unity in Diversity of our Nation and to maintain and strengthen the fabric of traditionally existing emotional bonds between the people of our Country;
- To promote the spirit of national integration through a deep and structured engagement between all Indian States and Union Territories through a year-long planned engagement between States;
- To showcase the rich heritage and culture, customs and traditions of either State for enabling people to understand and appreciate the diversity that is India, thus fostering a sense of common identity;
- To establish long-term engagements and
- To create an environment which promotes learning between States by sharing best practices and experiences.

Central University of Gujarat and Guru Ghasidas Central University, Bilaspur, Chhattisgarh had signed MoU regarding the annual periodic activities. Under the EBSB program, various events have been covered since 2017. The major focus of the events has been art and culture training, language learning and site seeing in the respective states.

The EBSB of CUG had conducted various programs during 1st April 2020 to 31st March 2021

भारतीय सांस्कृतिक विरासत एवं कोविड-19 संक्रमण (Date: 22 May 2020)

The event was jointly organized by EBSB and NSS. Dr. Vinay Sahasrabudhe Hon'ble Member of Parliament delivered distinguished speech. Prof. Rama Shanker Dubey, hon'ble Vice Chancellor, Central University of Gujarat delivered Presidential address. The event was broadcasted through Facebook page of the university. It has received more than 6,200 viewers. DD Girnar also covered this event as a news item.

छत्तीसगढ़ के सांस्कृतिक इतिहास की पृष्ठभूमि (अतीत से वर्तमान तक, 23 June 2020)

The event was jointly organized by EBSB and NSS. Prof. Dinesh Nandini Parihar, Head of Department, School of Studies in Ancient Indian History, Culture and Archaeology, Pandit Ravishankar Shukla University, Raipur (Chhattisgarh) delivered distinguished speech. The event was broadcasted through Facebook page of the university. It has received more than 2,200 viewers.

Gujarati Basic Language Training Program (6 July 2020)

EBSB and NSS organized a Gujarati Language Basic Training Programme on 6 July 2020. The event was coincided with the 119th birth anniversary of Shri Shyama Prasad Mukherjee. Prof. Anjali Gupta, hon'ble Vice Chancellor, Guru Ghasidas Vishwavidyalaya, Bilaspur was Chief Guest of the event. Gujarati Language training was provided by Centre for Gujarati Language, SL & CS, CUG. The event was broadcasted through Facebook page of the university. It has received more than 2,400 viewers. DD Girnar also covered this event.

Swabhiman Akhandata evam Atmanirbharta ka Pratik Naya Bharat (9 July 2020)

Ek Bharat Shreshth Bharat Cell, and National Service Scheme, Central University of Gujarat organized a talk on 'New India-A Symbol of Self-respect, Integrity and Self-reliance. The Chief Speaker of the talk was Shri Pratap Chandra Sarangi, Hon'ble Minister of State for Animal Husbandry, Dairying and Fisheries & Micro, Small and Medium Enterprises, Government of India. The event was broadcasted through Facebook page of the university. It has received more than 4,200 viewers. DD Girnar also covered this event as a news item.

Amar Balidani Chandrashekhar Azad Vyaktitva Evam Krutitva (23 July 2020)

Prof. S.P. Singh, Department of Political Science, University of Delhi delivered distinguished speech. This event was also broadcasted through Facebook page of the university. It has received more than 4,300 views.

Swathya Jivan Shaily : Yog Pranayama Evam Dhyan (29 July 2020)

Jammu & Kashmir : Removal of Article 370 and Beyond (5 Aug. 2020)

On the occasion of first anniversary of 'Removal of Article 370' EBSB and NSS organized this webinar. Maj. General (Retd.) G.D. Bakshi delivered distinguished speech. The event has received more than 1,800 views. DD Girnar also covered this event.

Webinar on Building Knowledge Society for Self-Reliant Indian in the Light of NEP-2020 (Date:- August 15, 2020)

On the auspicious occasion of the 74th Independence Day, a National Webinar on Building Knowledge Society for Self-Reliant India in the light of NEP-2020 was organized on 15 August

2020. This was a joint effort of EBSB CUG, Alumni Association of JNU (AAJ), MGCUB, CUO, CUHP and MGAHV. Leading academicians of the country gathered in the webinar to express their views. Distinguished speakers of the webinar includes- Prof. Rama Shankar Dubey (Hon'ble Vice Chancellor CUG), Prof. Sanjeev Kumar Sharma (Hon'ble Vice Chancellor ,MGCU) Prof. Kuldip C Agnihotri (Hon'ble Vice Chancellor , CU HP) , Prof. L Ramabramam (Vice Chancellor CU Odisha) , Prof. Rajneesh K Shukla (Vice Chancellor , Mahatma Gandhi Antarrashtriya Hindi Vishwavidhyalaya , Vardha), Dr.Pramod Kumar (Registrar , JNU), Shri Shri Nivasji (Educationist & Social Thinker), M.K.Sridhar (Committee Member, NEP).

Bharatiya Sanskriti me Hindi Bhasha Ka Mahatva (September 14, 2020)

The Event was organized by NSS, EBSB and NYK (Gujarat and Chhattisgarh). Prof. Alok Gupta, Registrar, CUG and Shri Rajesh Gupta, noted writer of Chhattisgarh were distinguished speakers.

Shreshtha Bharat aur shahid Bhagat Singh (September 27, 2020)

The event was organized by EBSB and NSS. Prof. Sangit Ragi, Department of Political Science, University of Delhi and Ptof. B.K. Srivastava, Head, Department of History and Adult Education, Harisingh Gaur University, Sagar (MP) delivered distinguished lectures.

Barrister to Unifier: Iron Man Sardar Patel (October 31, 2020)

Dr. Sanjay Joshi Additional Collector, Gandhinagar & Chief Manager, Statue of Unity delivered distinguished lecture. All participants also took 'National Integrity Pledge'.

Constitution Day Program (November 26, 2020)

On the occasion of Constitution Day an online essay competition was organized for students. Faculty, Students and non-teaching staff gathered to read 'Preamble of the constitution. Constitution Day Lecture was delivered by Prof. (Dr.) S. Shanthakumar, Director, GNLU, Gandhinagar.

Youth and Nation Building (January 12, 2021)

The event was organized by EBSB, Yoga Club and NSS

Svatantrata Senani evam Prakhar Rashtrabhakt : Netaji Subhash Chandra Bose (Date : January 23, 2021)

The event was organized by Centre for Gujarati Language, EBSB and NSS. Padma Shri Dr. Vishnu Pandya, Chairperson, Gujarat Sahitya Academy delivered distinguished speech.

Kadha Distribution (February 3, 2021)

Immunity boosting Kadha distribution activity was organized on 3 Feb 2021 by NSS, Yoga Club and EBSB in collaboration with Ayurveda College, Kolwada. More than 150 families took the benefit.

Health Camp (March 23, 2021)

EBSB in association with NSS and Yoga Implementation Committee of CUG organised a Health Camp on AYUSH catering to Ayurveda, Yoga, Naturopathy, Unani, Siddha and Homeopathy. This camp was arranged in collaboration with Modern Ayurveda Hospital and Research institute, Kolaveda, Gujarat and Prayog Trust, Gandhi Ashram, Ahmedabad, Gujarat. This health Camp was designed to provide free consultancy and medicines to all faculty, staff and students of CUG. More

than 150 beneficiaries had received consultancy and medicines. One Ayurveda doctor, one expert each in Yoga and Naturopathy, Homeopathy, Unani and Siddha were engaged in free consultancy. Apart from free consultancy and medicines, Kadha was distributed to all the faculty, staff and students who visited the Health Camp.

EBSB Team of CUG

- Prof. Atanu Mohapatra, Chairman and Nodal Officer
- Dr. Minaxi Parmar, Convener
- Dr. Dinesh Kumar, Member
- Dr. R. Hiranmai Yadav, Member
- Dr. Charulata Dubey, member
- Dr. M Gururaja, Member

Internal Quality Assessment Cell (IQAC)

Following activities were carried out by IQAC during the year:

- Organised one day seminar on “Role of Teachers in National Education Policy (NEP) Awareness, Orientation, Challenges & Response” in association with NITI Ayog and Bharatiya Shikshan Mandal (BSM) on 9th March, 2021.
- Organised Round table discussion in association with PMMMNMTT on “Making of India: Prospects and Perspective on Implementation of New Education Policy Implementation – 2020” on 8th January, 2021.
- Coordination with Alumni Cell and Placement Cell for registration of alumni and students.
- Conducted Students’ feedback process as part of AQAR 2019-20 report.
- Successful submission of AQAR 2019-20 and subsequent acceptance by NAAC.
- Updating the content for CUG website design for 2nd cycle of NAAC
- Scrutiny of applications received for the teaching staff with regard to following new recruitments done in different departments:
 - Centre for Gujarati Language & Literature, SLL&CS – 4 faculty members recruited.
 - School of Environment & Sustainable Development – 1 faculty member recruited.
 - Scrutiny of application for the Career Advancement Scheme (CAS) Promotion of teaching staff (36 faculty members from one level to another level as per UGC regulation)

Internal Complaints Committee

Central University of Gujarat formed Internal Complaints Committee with Senior Faculty and Members of Teaching, non-teaching and student members. The working rules and other duties of the members are displayed on notice boards of University at various places and also on social media. Due to the pandemic situation in 2020 the University premises were following the directives for preventive measures to contain the spread of COVID-19 and online activities were organized. Various programs were also organized in collaborations with other cells of the University like NSS

to develop reachability to maximum beneficiaries. All program details are available on university website [http:// www.cug.ac.in](http://www.cug.ac.in)

- As per the directives of Ministry of Education, Central University of Gujarat, organized a program on Gender bias and stereotyping, gender equality and women's rights on June 17, 2020.
- Webinar on Significance of Nutrition in India's Gender Development on September 26, 2020 as a part of observance of Nutrition month, Central University of Gujarat.
- Digital Literacy and Online safety programme (January 4-7, 2021) in association with National Commission for Women, India and Cyber Peace Foundation.
- Awareness campaign for eliminating gender-based violence by Ministry of Women and Child Development, Government of India & Ministry of Education, Government of India during January 2021.
- On International Women's Day, 8 March 2021 (IWD 2021), a webinar was organized on Women in leadership: achieving an equal future in a Covid-19 world.

Annual Reports are submitted to Ministry of Education, UGC and NCW. Annual return of cases was submitted to Ministry of Education as per DOPT O.M. No.11013/2/2014-EStt.A.111 dated February 2, 2015. Regular meetings were conducted to organize programs as per the ICC rules and regulations. Discussions were also held with Honourable Vice Chancellor, Central University of Gujarat.

ICT

Introduction

University ICT has played a pivotal role in efficiently managing the network and internet access across the network. This has contributed immensely to the academics and research work carried out in the last 10 years.

The CUG-LAN has grown about more than 500 nodes in last 10 years and is still growing. With the implementation of Campus-Wi-Fi in 2013, it has suddenly grown to become a LAN of more than 500 concurrent user connections.

The CUG-Intranet consists of about 500 nodes connected through UTP structured cabling with a layered architecture of L3, L2 and PoE switches with an optical fibre cable backbone of more than 03 KMs. across the campuses. In 2013, a campus-Wi Fi project was implemented. The ICT is the nodal agency responsible for establishment, maintenance and management of the campus-LAN. All the technical aspects of network related activity like, defining specifications of network components, establishment, maintenance and management of wired and wireless LAN, strategic planning for expansion of LAN, management of internet bandwidth and gateway, Network Security Management, implementation and coordination of government sponsored schemes like NMEICT and NKN etc. is the sole responsibility of the ICT.

The ICT has consistently provided excellent ICT services to the University community despite many challenges. The University System of Website is under continuous improvement in terms of content, design, visibility and openness. The Central University Gujarat Digital Archive has been integrated to provide easy access to archive contents. The University ICT policy 2021 is also in approving stage to manage the University ICT Facilities.

The University has invested heavily on IT infrastructure. Bandwidth available for the University community has peaked 1Gbps. There are several projects in place to increase access speeds, capacity and availability of the internet.

The University has been monitoring the performance on Website and continuously being updated at the faculty/institute/departmental levels. The content has been enriched and the design improved.

The staff profile website tool was also redeveloped and revamped and is now accessible through <https://cug.ac.in>. The tool provides staff with more functionality and is aesthetically appealing.

The Staff Intranet Portal was also in developing stage for document and content sharing. The new portal will boost better user experience and design in terms of access and upload of content.

Management Information Systems

Website

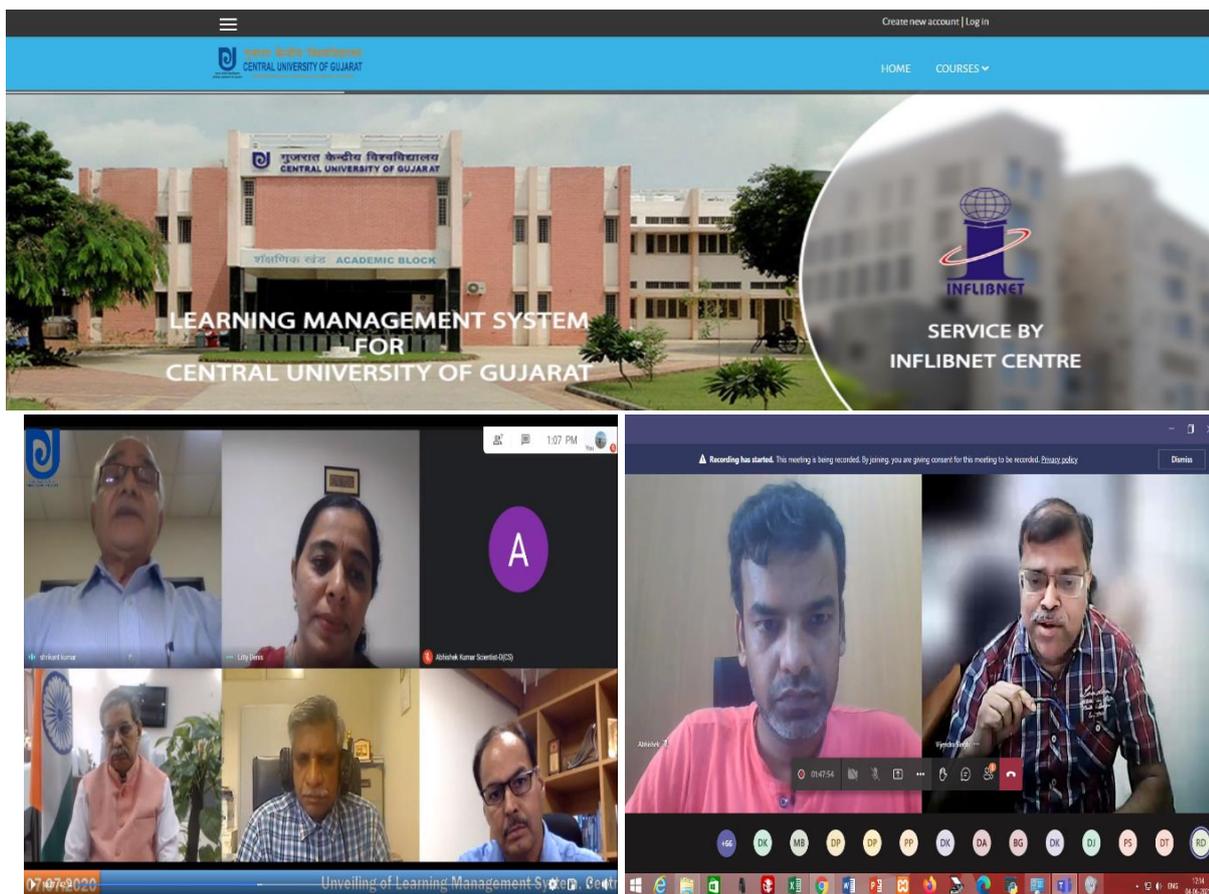
The institutional website has all the up-to-date information of day-to-day activities and circulars etc. E-Resources are available on the website.

The University has developed the website designed strictly following the guidelines of GIGW Guidelines. The University has SSL Certification for the website to ensure security and prevent unauthorized access to it.

Covid-19 Period: A boost in IT Technologies

LMS - Learning Management System

ICT of Central University of Gujarat had at the beginning of the Covid-19 designed its own Learning Management System – LMS in collaboration with Inflibnet Centre, Gandhinagar.



Webpage Link - <http://lmscug.cug.ac.in:81/>

Apart from LMS, university teaching staff is using MS Teams as well. The university avails the services of MS Office 365. It provides cloud-based productivity and collaboration applications that integrates all Microsoft existing online applications (Word, Excel, PowerPoint, OneNote, Outlook, Publisher, Sway, and Access) into a cloud service, adding Skype for Business and Microsoft Teams real-time communication. The university has been conducting the examinations online, 69 online webinars, 44 online meetings and 39 online Viva-voce were conducted during the period of April 2020 to March 2021.

Individual teachers are also using Google Meet, Webex and Zoom depending on availability of speed and bandwidth.

Online Meetings

In all ICT assisted in conducting 39 Online meetings during the lockdown period in the University.

Online Webinars, viva-voce and other programmes

74 webinars were organised Online webinars in the University during the year 2020-21 and a large number of other programmes such as guest lectures in which ICT played an important role in addition to 39 Online M.Phil. and Ph.D. Viva voce.

ICT and Online Examinations

During Covid-19 times, ICT has successfully and smoothly conducted the online examinations for sessional evaluation and end semester of all schools. The system is not only accessible via standard web browsers but also via mobile phones. Students in remote areas could also appear for the examination successfully.



Apart from this, ICT has implemented the Recruitment Portal for the smooth functioning of recruitment process. The HR identified a need for a computer-based system to automate management of applications, fees collection and report generation. The system has been implemented in the University and the ICT with an intention to support, conducted various phases of university recruitment.

To further enhance the facilities, University has signed a MoU with Inflibnet Centre, Gandhinagar of UGC. Wherein scope of activities as following:

Revamping of CUG Website, New Features of Dynamic Website, Integration of IRINS with CUG Website, Library Services, Wild Card SSL Certification for 3 years with multi domain and sub domain, Hosting of Production Server for CUG website. Documentary of CUG Kulgeet, Kulgeet Visual Appearance, Documentary of CUG.

Use of Studio & other facilities are being developed and the studio is to be used for the uploading of modules for SWAYAM, MOOCS etc.

Internet bandwidth usage

Connectivity with good bandwidth is a primary requirement for online education. In Central University of Gujarat, LAN/Wi-Fi connections are available in classrooms, hostels, libraries, academic blocks and labs and at common facilities & open spaces.

The University ICT infrastructure is huge which includes 20 to 50 MBPS internet connectivity for individual constituent units; wi-fi connectivity in institution; latest general and discipline specific software and video-conferencing facilities. The University has also been connected to National Knowledge Network (NKN) of the National Mission on Education through ICT (NMEICT) through one GBPS bandwidth network. Both the campuses of the University are being interconnected and connected by optical fibre cable to the main Server Room.

Total bandwidth consumption during the year 2020-21

Sr. no.	Month	WIFI Speed In MBPS (Average)	LAN Speed In MBPS (Average)
1.	Apr-20	68 to 70	449 to 520
2.	May-20	70 to 75	593 to 600
3.	June,2020	75 to 76	600 to 720
4.	July,2020	65 to 78	649 to 710
5.	August, 2020	48 to 50	735 to 805
6.	September,2020	38 to 40	619 to 630
7.	October,2020	35 to 38	550 to 580
8.	November,2020	55 to 63	455 to 480
9.	December,2020	44 to 45	654 to 666
10.	January,2021	30 to 35	325 to 330
11.	February, 2021	28 to 36	250 to 299
12.	March ,2021	55 to 60	509 to 538

In 2020-21 CUG consumed an average of 600 Mbps through the NKN Network Trust (NMEICT). This was occasioned by peaks of up to 800 Mbps. The Wi-Fi network was rolled out in both the Campuses. This means that the students can access the University online resources and the internet any time of the day, using the CUG Wi-Fi/LAN. The consumption of bandwidth on the Wi-Fi has reached an average of 80 Mbps in 2021.

Network Security

Firewall security Policy to monitor and filter incoming and outgoing network traffic. Firewall is essentially required as a barrier that sits between a private internal network (institute) and the public Internet.

The university has a registration policy to enable internet connectivity in portable devices. Group wise User policy like Teachers, Staff and students to give an access control for browsing.

Personal Computers

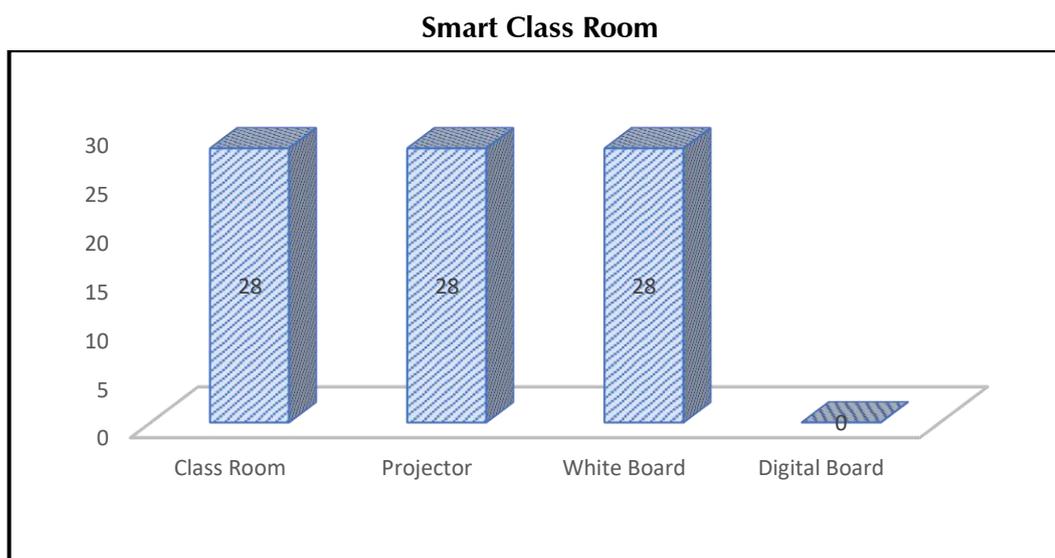
There are over 500 PCs in the University at present. The computers are managed by ICT. The University through ICT centre procures computers every year in order to ensure staff and students access and productively exploit available network resources. A desirable Computer-staff ratio of 1:2 is maintained in research departments/institutions and a ratio of 1:3 is maintained in all other non-teaching/ administrative departments/sections/offices.

Access points

ICT has so far installed about 26 operational access points in its network infrastructure. University staff and students also have and use personally owned PCs and Laptops on the University network. By 2021, the project of an additional 12 access points is apprehended.

Classrooms

The classrooms are well facilitated with projectors. In the bar chart below, represents the smart classrooms with ICT Facilities.



NSS Activities

Introduction

The National Service Scheme (NSS) is an Indian government-sponsored public service programme. It works under the aegis of Ministry of Youth Affairs and Sports of the Government of India. Currently, NSS has more than 3.8 million student volunteers on its roll spread over 298 Universities and 42 (+2) Senior Secondary Councils and Directorate of Vocational Education all over the country. As per the direction of the Ministry, the programme is being implemented in Central University of Gujarat since academic year 2017-18. The sanctioned strength of NSS to the university is 2 units. As one unit consists 100 volunteers, up to 200 volunteers can be enrolled.

Objectives

The main objectives of NSS are

- understand the community in which the volunteers work
- understand themselves in relation to their community
- identify the needs and problems of the community and involve them in problem-solving
- develop among themselves a sense of social and civic responsibility
- utilize their knowledge in finding practical solutions to individual and community problems
- develop competence required for group-living and sharing of responsibilities

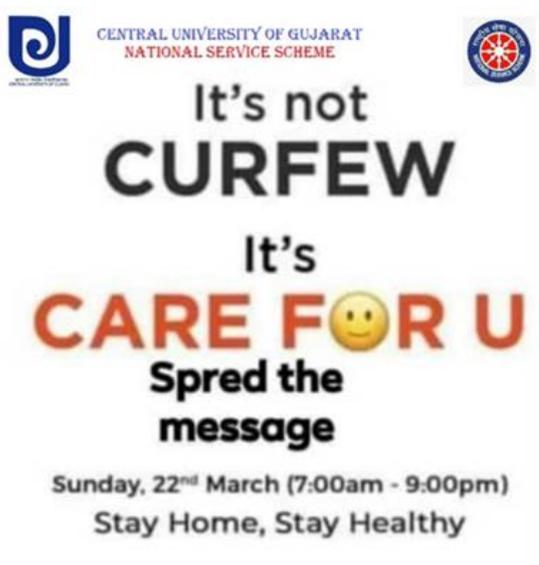
- gain skills in mobilizing community participation
- acquire leadership qualities and democratic attitudes
- develop capacity to meet emergencies and natural disasters and
- practice national integration and social harmony

Activities during 2020-21

In the year 2020-21 following activities were carried out by NSS cell of the university:

Awareness Drive about Covid-19

NSS CUG launched awareness drive about Covid-19 pandemic and appropriate behaviour to prevent spread of the disease. This drive began in the March 2020 and continued throughout the year. During the lockdown period volunteers of NSS were engaged in this drive through digital mode and in the field at their respective hometowns.



Digital Campaign about Covid-19

NSS volunteers prepared short videos/documentaries about Covid appropriate behaviour and uploaded them in social networking sites. Selected videos were also uploaded in the university website, those can be accessed through below indicated links:

https://twitter.com/PROCUG1/status/1251455141992992769?ref_src=twsrc%5Etfw%7Ctwcamp%5Eembeddedtimeline%7Ctwtterm%5Eprofile%3APROCUG1%7Ctwcon%5Etimelinechrome&ref_url=http%3A%2F%2Fwww.cug.ac.in%2Findex.php

https://twitter.com/PROCUG1?ref_src=twsrc%5Etfw%7Ctwcamp%5Eembeddedtimeline%7Ctwtterm%5Eprofile%3APROCUG1&ref_url=http%3A%2F%2Fwww.cug.ac.in%2Findex.php

Assistance to Local Administration during Lockdown

During the lockdown in April-May 2020 some volunteers of NSS came forward to assist local administration and provided services to Gandhinagar police.

Webinar on भारतीय सांस्कृतिक विरासत एवं कोविड 19-संक्रमण

The event was organized by EBSB and NSS on 22 May 2020. Dr. Vinay Sahasrabudhe Hon'ble Member of Parliament delivered distinguished speech.

World Environment Day Celebration

To mark World Environment Day NSS in association with School of Environment and Sustainable Development (SESD) conducted several activities on 5 June 2020. A webinar was organized on 'Biodiversity based solution for future' in which Shri R.D. Kamboj, Director, Gujarat Ecological Education and Research Foundation (GEER) was Guest Speaker. Plantation activities were also organized inside the campus and surrounding areas.

International Yoga Day Celebration

International Yoga Day Celebration was organized jointly by Yoga Club and NSS in the virtual mode on 21 June 2020.



Webinar on 'छत्तीसगढ़ के सांस्कृतिक इतिहास की पृष्ठभूमि) अतीत से वर्तमान तक)'

The event was organized by EBSB and NSS on 23 June 2020. Prof. Dinesh Nandini Parihar, Head of Department, School of Studies in Ancient Indian History, Culture and Archaeology, Pandit Ravishankar Shukla University, Raipur (Chhattisgarh) delivered distinguished speech.

Gujarati Basic Language Training Programme

EBSB and NSS organized a Gujarati Language Basic Training Programme on 6 July 2020. The event was coincided with the 119th birth anniversary of Shri Shyama Prasad Mukherjee. Prof. Anjila Gupta, hon'ble Vice Chancellor, Guru Ghasidas Vishwavidyalaya, Bilaspur was Chief Guest of the event.

Webinar on 'स्वभिमान, अखंडता एवं आत्मनिर्भरता का प्रतीक नया भारत'

Ek Bharat Shreshth Bharat Cell, and National Service Scheme, Central University of Gujarat organized a talk on 'New India-A Symbol of Self-respect, Integrity and Self-reliance' on 9 July 2020. The Chief Speaker of the talk was Shri Pratap Chandra Sarangi, Hon'ble Minister of State for Animal Husbandry, Dairying and Fisheries & Micro, Small and Medium Enterprises, Government of India.

Webinar on 'अमर बलिदानी चन्द्रशेखर आज़ाद: व्यक्तित्व एवं कृतित्व'

The event was organized by EBSB and NSS on 23 July 2020. Prof. S.P. Singh, Department of Political Science, University of Delhi delivered distinguished speech.

Stress Management in the Period of Covid-19

NSS organized a webinar on 'Stress Management in the period of Covid-19' on 27th July 2020. Prof. Dipti Oza from The M.S. University of Baroda was Distinguished Speaker of the webinar. Chief Guest of the webinar was Shri Girdhar Upadhyaya, Regional Director, NSS and Shri R.J. Machhi, State NSS Officer was Guest of Honour.

Webinar on 'स्वस्थ जीवनशैली: योग प्राणायाम एवं ध्यान'

The event was organized by EBSB, NSS and Yoga Club on 29 July 2020.

Webinar on 'Jammu & Kashmir: Removal of Article 370 and Beyond'

On the occasion of first anniversary of 'Removal of Article 370' EBSB and NSS organized this webinar on 5 August 2020. Maj. General (Retd.) G.D. Bakshi delivered distinguished speech.

Webinar on 'भारतीय संस्कृति में हिन्दी भाषा का महत्व'

The Event was organized by NSS, EBSB and NYK (Gujarat and Chhattisgarh) on 24 September 2020.

NSS Day Activities

As a part of annual NSS Day celebration, bird feeding activities were organized in both campuses of the university on 24th September 2020. Earthen pots were hanged in trees to provide water and food grains to birds.

Webinar on 'Significance of Nutrition in India's General Development'

As a part of Poshan Maah observation NSS and ICC jointly organized a webinar on 'Significance of Nutrition in India's Gender Development' on 26th September 2020. Dr. A. Prabakaran, Dean, Nehru Memorial College, Puthanampatti, Trichy, Tamil Nadu was the distinguished speaker of the webinar.

Webinar on 'श्रेष्ठ भारत और शहीद भगत सिंह' .

The event was organized by EBSB and NSS on 27 September 2020. Prof. Sangit Ragi, Department of Political Science, University of Delhi and Ptof. B.K. Srivastava, Head, Department of History and Adult Education, Harishgh Gaur University, Sagar (MP) delivered distinguished lectures.

Vigilance Awareness Week

NSS observed Vigilance Awareness Week from 27 October to 2 November 2020. Members of university fraternity filled online Integrity Pledge in the university portal and online certificates were generated.

Rashtriya Ekta Divas Celebration

To mark birth anniversary of Sardar Vallabhbhai Patel a series of events were organized on 31 October 2020. A distinguished talk on 'Barrister to Unifier: Iron Man Sardar Patel' was organized. Dr. Sanjay Joshi Additional Collector, Gandhinagar & Chief Manager, Statue of Unity delivered distinguished lecture.

Constitution Day Programme

On the occasion of Constitution Day (26 November 2020) an online essay competition was organized for students. Faculty, Students and non-teaching staff gathered to read 'Preamble of the

constitution. Constitution Day Lecture was delivered by Prof. (Dr.) S. Shanthakumar, Director, GNLU, Gandhinagar.

Digital Literacy & Online safety Programme

NSS and ICC in collaboration with Digital Shakti initiative of the National Commission for Women, Facebook and Cyber Peace Foundation (a civil society organisation imparting training related to cyber security) organized a Four-day Workshop on “Digital Literacy and Online Safety” from 4 January to 7 January 2021. DR J.M Vyas , Hon'ble Vice Chancellor – NFSU & Director General – DFS was Chief Guest of the inaugural session. Dr. Naveen Kumar Chaudhary, Professor and Dean in the School of Cyber Security and Digital Forensics. NSFU- Gandhinagar delivered Keynote Address.

National Youth Day Celebration

The event was organized by EBSB, Yoga Club and NSS on 12th January 2021

स्वतंत्रता सेनानी एवं प्रखर राष्ट्रभक्त: नेताजी सुभाष चन्द्र बोस The event was organized by Centre for Gujarati Language, EBSB and NSS on 23rd January 2021. Padma Shri Dr. Vishnu Pandya, Chairperson, Gujarat Sahitya Academy delivered distinguished speech.

Kadha Distribution

Immunity boosting Kadha distribution activity was organized on 3rd Feb 2021 by NSS, Yoga Club and EBSB in collaboration with Ayurveda College, Kolwada. It benefitted more than 150 families.

Woman's Day Program

NSS and ICC jointly organized programme on 8 March 2021 to mark International Women's Day. A webinar on 'Women in Leadership: Achieving an Equal Future in a COVID-19 World' was arranged in which Dr. Geetanjali Chopra Founder & President, Wishes and Blessings, New Delhi delivered distinguished lecture.

Health Camp

On 23rd March 2021, EBSB in association with NSS and Yoga Implementation Committee of CUG organised a Health Camp on AYUSH catering to Ayurveda, Yoga, Naturopathy, Unani, Siddha and Homeopathy. This camp was arranged in collaboration with Modern Ayurveda Hospital and Research institute,

Remedial Coaching Cell for SC/ST/OBC (non-creamy layer) and Minority Community, Central University of Gujarat

The Remedial Coaching Cell has been active in Central university of Gujarat, Gandhinagar since the establishment of the University to enhance their learning, writing and communication skills of students come from SC/ST/OBC (Non-Creamy Layer) & Minority Communities. The Cell tries to build confidence among the students belonging to SC/ST/OBCs and Minority Community.

Objectives of the Cell

- Improve the academic skills and linguistic proficiency of the students in various subjects

- To raise their level of comprehension of basic subjects to provide a stronger foundation for further academic work.
- To strengthen their knowledge, skills, and attitudes in such subjects, where quantitative and qualitative techniques are involved, so that, the necessary guidance and training provided under the programme may enable the students to come up to the level necessary for pursuing higher studies efficiently.
- To provide career guidance and psychological counselling for capacity building to those who need such counselling.
- To prepare Scheduled Castes, Scheduled Tribes, OBC (non-creamy Layer) and Minority Communities candidates for appearing in NET or SET so that enough candidates become available for selection as Lecturers in the university system.
- To orient students for examination conducted for selection to services such as IAS. State Public Services, Bank recruitment etc.

Activities undertaken

- Personality development-orientation Programme
- counselling for students
- English language classes
- Interaction with Vice-Chancellor
- Research Methodology special classes
- UGC-NET- JRF/CSIR Coaching classes
- Competitive classes

Achievements

The Remedial Coaching Cell, Central University of Gujarat has conducted classes, tutorials on different aspects/subjects such as reasoning, methodology, general knowledge, Personality development, counselling, stress management, mathematical ability, aptitude, viva-voce, and one-to-one interaction. The Cell also had organised the UGC-NET- JRF/CSIR coaching classes. The Resource Persons/experts are invited from Central University of Gujarat and from other institutions from Gujarat state and other states of India. The special classes are organized to improve the language and communication skills. The Cell also has organized programmes such as interaction with honourable Vice Chancellor, Central University of Gujarat. The Cell had also organized motivation- interaction programmes.

Unnat Bharat Abhiyan, a flagship programme of Ministry of Education

Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India

Mission:

Effective participation in the holistic development of rural clusters using

- Eco-friendly sustainable technologies
- Harnessing Local resources
- Creating employment opportunities
- Harnessing multifarious government schemes
- Customization of existing technologies
- Use of local knowledge

Central University of Gujarat has adopted five villages (Kaka Nu Tarapur, Titoda, Adraj Moti Pundrasan, and Lekhawara) near Gandhinagar district under Unnat Bharat Abhiyan. Different societal and environmental activities are going on.

- Base line Survey
- Identification of Key issue
- Participatory planning (People's priority- local solutions - selection of intervention)

CUG has completed Village/ household level survey for one village and for other villages it is going on.

Key issue already identified after participatory planning (People's priority- local solutions - selection of intervention).

Technology identification and Proposing Solution: Two projects formulation under Technology Development and Customization of solution is approved with financial support.

Sustainable Agriculture System –

Groundwater treatment and purification using solar distillation System in Kakanu- Tarapur village, Gujarat (Rs 50,000/)

Water Resource Management –

CETP-solid waste treatment and its conversion into biofertilizer (Rs 80,000)

Other activities like Environment Day celebration on 5th June 2021, Swacchta pakhwara in villages, Environmental awareness programmes, etc. were organized regularly

Online education during COVID 19:

Online lessons/ tutorials are helping educational institutions around India to beat the Covid-19 lockdown. In rural areas, students struggle with the internet speed or many of students below class 8th are unable to participate in education activity as they don't have smart phone or internet facilities. Efforts were made to help these students.

Coronavirus disease Awareness online quiz programme to sensitize and increase awareness about COVID-19

Central University of Gujarat, Unnat Bharat Abhiyan (CUG-UBA) organised - Coronavirus disease Awareness online quiz programme to sensitize and increase awareness about COVID-19.

Awareness Programme by CUG- UBA team in adopted villages

During May 2020, CUG- UBA team prepared information brochure and circulated to village sarpanch and other active members of village for creating awareness regarding Covid 19. The team visited three villages during Covid 19 pandemic and met village Sarpanch and other persons. Members of CUG team interacted with the villagers related to various aspects of coronavirus issues and explained the villagers about the safety and precautionary measures to be undertaken to contain the spread of coronavirus. All villagers very patiently cooperated with the team members.

The team members demonstrated the youth the art of preparing Mask at home and advised the youth to have a WhatsApp group where everyone could share the information. It was observed that village level Sarpanch was doing his best by keeping constant vigil on the residents to stay at home and to follow in letter and spirit the guidelines issued by the government from time to time.

Participation in Unnati Ki Kahani Chitro ki jubani

UBA - CUG participated in **My UBA Journey**, organised by National Coordinating Institute, IITD (July 2020)

Webinar on Atma Nirbhar Bharat - Prospects and opportunities in Rural Ecosystem July 22, 2020

UBA- CUG organised a panel discussion under the aegis of the Unnat Bharat Abhiyan on a very pertinent and promising theme of Atma Nirbhar Bharat - Prospects and Opportunities in Rural Ecosystem on July 22, 2020 through a webinar.

Prof. VK Srivastava, Vice Chancellor Santaland Patel University, highlighted on Scientific Innovation and Technology for Rural Development with case studies on innovations in rural areas particularly for farmers and suggested a need of knowledge creation and dissemination to reach the rural areas of India

Mr. Bharat Pathak, IFS, former Director, State Institute of Rural Development focused on Natural Resources and Social Entrepreneurship for Rural Development. He explored on the five pillars of Atma Nirbhar Bharat 1) Economy 2) Infrastructure 3) Systems 4) Vibrant Demography and 5) Demand.

Prof. Pranab Mohapatra, Professor, IIT Gandhinagar and Regional Co-ordinator UBA elaborated on the advantages of the rural landscape and highlighted that working with the stakeholders through participatory methods are contributing to nation's development.

Awareness Programme on - National Educational Policy (NEP) 2020: (26th Sep 2020)

Awareness program was organised on National Education Policy for better understanding of NEP 2020 in villages. Village sarpanch, schoolteachers and other youth participants joined the programme through virtual platform and interacted with the speakers.

Academic curriculum Activity

MSc dissertation on People's Perception on Climate Change In Rural Areas Of Gandhinagar for PG degree based on the work focused on theme under Unnat Bharat Abhiyan.

Customization and Technology Implementation Site visit/ planning of installation and discussion with Sarpanch regarding solar distillation System in Kakanu- Tarapur village, Gujarat in March 2021.

Yoga Club

Introduction

Yoga is a way of life and is based on the belief that a healthy body leads to healthy mind which creates a healthy society. Yoga has been an important pillar of Indian culture, customs and traditions. The practices of Yoga were evolved in India, but it now has a global recognition that has been manifested in the United Nations resolution to observe 21st June as International Day of Yoga from 2015. Central University of Gujarat has been truly committed for the promotion Yoga since its inception and to formalize its practice among members of university fraternity a Yoga Club was instituted in the university on 11th April 2016. Since then, Yoga Club has been involved in the celebration of annual International Day of Yoga, health camps with the Indian medicinal practices, plantation of medicinal herbs, workshops, talk, seminars and other events. Yoga club also runs three practice sessions daily and organizes various competitions, events to promote Yoga among the younger generation. Yoga Club has also prepared structure for a certificate course on Yoga.

Objectives

- To enable the students to build- in self-discipline and self-control leading to immense amount of awareness, concentration and higher level of consciousness.
- To develop the spiritual-cum-scientific personality of the students.
- To develop an understanding and the interrelationship between mind psyche & body and acquire the training of mental, physical and emotional balance

Activities during 2020-21

International Yoga Day Celebration

International Yoga Day Celebration was organized jointly by Yoga Club and NSS in the virtual mode on 21 June 2020. Members of the university fraternity joined the event by performing Yoga at home.

Stress Management in the Period of Covid-19

NSS and Yoga Club organized a webinar on 'Stress Management in the period of Covid-19' on 27 July 2020.

Webinar on 'स्वस्थ जीवनशैली: योग प्राणायाम एवं ध्यान'

The event was organized by EBSB, NSS and Yoga Club on 29 July 2020.

National Youth Day Celebration

The event was organized by EBSB, Yoga Club and NSS on 12th January 2021.

Kadha Distribution

Immunity boosting Kadha distribution activity was organized on 3rd February 2021 by NSS, Yoga Club and EBSB in the collaboration of Ayurveda College, Kolwada.

Health Camp

On 23 March 2021, EBSB in association with NSS and Yoga Club of CUG organised a Health Camp on AYUSH.

Sanction of Grant for Permanent Campus of Central University of Gujarat

Hon'ble President of India while delivering the 3rd Convocation address on 23rd February 2021, announced sanction of an amount of Rs. 743 Crores for construction of permanent campus of Central University of Gujarat. The Campus will come up near Vadodara where 100 acres of land has been allocated by Government of Gujarat.

Highlights 2020-21

Programmes offered at CUG

School	Programme	Stream
School of Language, Literature and Culture Studies	German Studies	B.A. (Hons.)
	Chinese	B.A. (Hons.)
School of Social Sciences	Economics	M.A.
	Sociology	M.A.
	Political Science	M.A.
	Social Work	M.A.
	Social Management	M.A.
School of International Studies	Politics and International Relations	M.A.
School of Language, Literature and Culture Studies	Hindi	M.A.
	English	M.A.
	Gujarati	M.A.
	Chinese	M.A.
	German Studies	M.A.
School of Education	M.Ed.	M.Ed.
School of Library and Information Science	Library and Information Sciences	M. Lib. I. Sc. (Two-year)
Centre for Applied Chemistry	Industrial Chemistry	M.Sc.
School of Chemical Sciences	Chemical Sciences	M.Sc.
School of Life Sciences	Life Sciences	M.Sc.
School of Environment and Sustainable Development	Environmental Sciences	M.Sc.
School of Nano Sciences	Nanotechnology	M.Sc.
School of Social Sciences	Economics	M.Phil.
	Studies in Science, Technology and Innovation Policy	M.Phil.
School of International Studies	International Politics	M.Phil.
School of National Security Studies	Security Studies	M.Phil.

Centre for Study of Diaspora	Diaspora Studies	M.Phil.
School of Language, Literature and Culture Studies	Comparative Literature	M.Phil.
	Hindi	M.Phil.
	English	M.Phil.
School of Chemical Sciences	Chemical Sciences	M.Phil.
School of Education	Education	M.Phil.
School of Social Sciences	Gandhian Thought and Peace Studies	M.Phil.-Ph.D.
School of Nano Sciences	Nano Sciences	M.Phil.-Ph.D.
School of Social Sciences	Studies in Science, Technology and Innovation Policy	Ph.D.
	Economics	Ph.D.
	Social Management	Ph.D.
School of National Security Studies	Security Studies	Ph.D.
School of Language, Literature and Culture Studies	Hindi	Ph.D.
	Comparative Literature	Ph.D.
	English	Ph.D.
Centre for Applied Chemistry	Applied Chemistry	Ph.D.
School of Chemical Sciences	Chemical Sciences	Ph.D.
School of Life Sciences	Life Sciences	Ph.D.
School of Environment and Sustainable Development	Environment and Sustainable Development	Ph.D.
School of Library and Information Science	Library and Information Sciences	Ph.D.
School of Education	Education	Ph.D.

Guest lectures organised in the university during 2020-21

- Dr. Umesh Tarpada, Introduction to Polymer materials, March 21 to May 2021 in School of Applied material Science.
- Dr. Ameer Joshi, "Gunotsav: State Level Assessment Test", 8th April, 2020 in the School of Education
- Dr. Aakarsh, "Endnote: A Reference Management Tool", 19th April, 2020 in the School of Education
- Dr. Arti, "Education as a Discipline", 28th December, 2020 in the School of Education
- Mr. Abdul Sarfaraz, Visiting Faculty of IMS, DAVV, Indore (M.P.), "Website Designing" 27th August, 2020 in the School of Education
- Prof Kavita Shah Institute of Environment and Sustainable Development, BHU on protein modelling for stress management (21 Feb 2021) in School of Environment and Sustainable Development
- Prof Rupam Kataki, Department of Energy, Tezpur University, Assam India on Valorization of low value biomass to biofuel and chemicals/materials (17 September 2020) in School of Environment and Sustainable Development
- Dr Deepak Pant, Senior Scientist, Flemish Institute for Technological Research (VITO), Belgium on Bioelectrochemical systems for resource recovery: From lab to field applications on 17th September 2020 in School of Environment and Sustainable Development
- Shri R D Kamboj, IFS, Director, Gujarat Ecological Education and Research Foundation (GEER) on Biodiversity based solution for future on 5th June 2020 in School of Environment and Sustainable Development
- Mr. Vaibhav Abnave, Men With Movie Camera: Cinema as Art of Seeing/Thinking with Camera-Eye. 4th November, 2020. (Online), Centre for English Studies, School of language, literature, and culture Studies
- Prof. Deeptha Achar, On Kipling's life and work. 18th March, 2021. (Online), Centre for English Studies, School of language, literature, and culture Studies.
- Dr. S.D. Mishra on Biostatistics, October 13, 15, 19, 22 & November 1, 2020, School of Life Sciences
- Special lecture of Data Analysis using statistical method & SPSS (Online) on 19-21 October 2020 by Dr. Hansa Jain, School of Library and Information Science

- Dr. Vijeta Ratani, Climate Change and COVID-19: India's Response to the Two Crises, August 6, 2020, School of National Security Studies
- Mr. Navneet Bhushan, Towards a Learning System for the Sixth Wave of Innovation Creating Spiral Learners, August 1, 2020, School of National Security Studies
- Book Discussion cum Lecture by Shri Shakti Sinha, Director, Atal Bihari Vajpayee Institute of Policy Research and International Studies, M.S. University, Baroda, Vajpayee: The Years That Changed India, January 22, 2021, School of National Security Studies
- Amb. PS Raghavan, Former Chairman, National Security Advisory Board, PMO, Inaugural Lecture on India's National Security Challenges, 8 March 2021, School of National Security Studies
- Mr. Navneet Bhushan, Ex-Scientist DRDO, Director, Craffitti Consulting, Conflicts in International System: Changing Nature and Emerging Trends, 8 March 2021, School of National Security Studies
- Dr. Rajesh Rajagopalan Professor of International Politics, School of International Studies, JNU, Understanding Global Security Environment, 8 March 2021, School of National Security Studies
- Dr. Srikanth Kondapalli Professor of Chinese Studies, School of International Studies, JNU, Rise of China in Contemporary International System: Challenges and Opportunities for India, 9 March 2021, School of National Security Studies
- Dr. Uma Purushothaman Assistant Professor, Central University of Kerala, United States and Multipolar World: Challenges posed by Rising Powers, 9 March 2021, School of National Security Studies
- Air Marshal Arjun Subramaniam, Presidential Chair, National Defence College, Delhi, Understanding India's Armed Forces through the lens of Contemporary Indian Military History, 9 March 2021, School of National Security Studies
- Mr. Sameer Patil, Fellow, Gateway House, Mumbai, India's Cyber Security Challenges, 10 March 2021, School of National Security Studies
- Dr. Pushpita Das, Research Fellow, MP-IDSA, Delhi, India's Border Security and Border Management: Major Issues and Challenges, 10 March 2021, School of National Security Studies
- Mrs. Prabha Rao IPS, (Retd. Cabinet Secretariat), Terrorism and India's National Security, 10 March 2021, School of National Security Studies
- Dr. Shambhavi Naik, Fellow, Takshashila Institution, Bangalore, Current Pandemic Situation and implications for Public Health and Security, 11 March 2021, School of National Security Studies

- Prof. Mr. Amarjeet Singh, Professor, Centre for North East Studies and Policy Research, Jamia Millia Islamia, Delhi, India's North East: Insurgencies and other Conflicts, 11 March 2021, School of National Security Studies
- Cmde Oddakkal Johnson, Director, Maritime History Society, Mumbai, India's Maritime Security Challenges, 11 March 2021, School of National Security Studies
- Dr. Anshuman Behera, Associate Professor, National Institute of Advanced Studies, Bangalore, How (not) to understand Radicalisation, 11 March 2021, School of National Security Studies
- Dr. Nanda Kumar Janardhnan, Assistant Professor, Energy Studies Program, SIS, JNU, Delhi, Energy Security, 12 March 2021, School of National Security Studies
- Mr. Ashok Behuria, Senior Fellow, MP IDSA, Delhi, India-Pakistan Relations: Past, Present and Future, 12 March 2021, School of National Security Studies
- Mr. Bhartendu K. Singh, Indian Defence Accounts Service, India's Higher Defense Management and Planning for Defense Modernization, 13 March 2021, School of National Security Studies
- Ms. Shruti Pandalai, Associate Fellow, MP IDSA, Delhi, social media and National Security, 13 March 2021, School of National Security Studies
- Dr. Ajey Lele, Senior Fellow, MPIDSA, Delhi, Strategic Technologies and National Security, 13 March 2021, School of National Security Studies
- Dr. Sreeradha Dutta, Senior Fellow, Vivekananda International Foundation, Delhi, India's Foreign Policy towards its Neighborhood, 13 March 2021, School of National Security Studies
- Dr. Srikanth Paranjpe (tbc), Dr. Harsh V. Pant, Prof. Sanjay K. Jha (Dean, SNSS), Prof. HB Patel (Dean, SoE), Panel Discussion on Education and National Security: Developing a Model Curriculum, 14 March 2021, School of National Security Studies
- Prof. Saket Kushwaha, "Out of Box: A Concept of Bio Mimicking for Sustainable Development", 22.02.2021, online mode. Special Guest Lecture by Prof. Saket Kushwaha, Vice-Chancellor, Rajiv Gandhi University, Arunachal Pradesh, Centre for Studies in Economics and Planning, School of Social Sciences.

Seminar/webinar/ conference organized in the University during 2020-21

- Webinar on Pandemic challenges and role of chemistry, October 7, 2020 by School of Applied material Science.
- Webinar on “Coronaviruses Protective Physicochemical Sciences and Technology Using Borosil Mansingh Survismeter” School of Chemical Sciences, Central University of Gujarat and Gujarat Council on Science & Technology Department of Science & Technology, Govt. of Gujarat on July 2,2020.
- ‘Swami Vivekananda Series of Reflective Discourses for making India Self-Reliant: Indian Education in Post-COVID Era’ held online from May 25-27, 2020, School of Education.
- Online Conference on ‘Translation in the Modern World and the Modern World in the Translation’ held on December 29, 2020, School of Education.
- One Day Seminar on ‘Madan Mohan Malaviya and Atal Bihari Vajpayee Nationalism and National Education Policy 2020’ held on December 30, 2020, School of Education.
- Round table Discussion on ‘Making of New India: Prospects and Perspectives on Implementation of National Education Policy-2020, held on January 8, 2021, School of Education.
- Online workshop on ‘Redefining Teacher Education & Rethinking Teaching and Learning’ held on March 19, 2021, School of Education.
- Online workshop on a Pioneering teaching Method called ‘Let’s Play Boomshackers’ Learn English through Music and Play, held on March 24, 2021, School of Education.
- Online workshop on ‘Raising a Personality in the Educational Process’ held on March 25, 2021, School of Education.
- Quiz on “Indian Constitution”, November 26, 2020, School of Education.
- Quiz on “National Education Policy”, September 5, 2020 School of Education.
- Celebration, Lecture and Video Un-veiling on “Teacher Day”; September 5, 2020 School of Education.
- Celebration, Lecture and Video Unveiling on National Education Day, November 11, 2020, School of Education.
- Two Days Webinar on Building Knowledge Society through Pedagogy and Curriculum Innovations with Reference to National Education Policy 2020, (on September 15-16, 2020, organized by School of Social Sciences and School of Education, CUG in collaboration with Akhil Bhartiya Rashtriya Shaikshik Mahasangh (ABRSM) – Delhi.

- Webinar on 'Academic Writing' held on November 25-26, 2020, School of Education
- Two-Days Virtual International Conference on 'Statistical Tools and Techniques for Research Data Analysis' (ICSTRDA -2021) from January 21-22, 2021 at Central University of Gujarat, School of Environment and Sustainable Development
- International Webinar on Bioenergy for Environment and Society , September 17, 2020, School of Environment and Sustainable Development
- Webinar On Biodiversity Based Solutions For Future World Celebrate Biodiversity on Environment Day June 5, 2020, School of Environment and Sustainable Development
- Celebration of World Environment Day on June 5, 2020, Photo Competition On the theme Celebrate Biodiversity, School of Environment and Sustainable Development
- Celebration of International Day for Biological Diversity May 22, 2020) poster competition on the theme "Our Solutions are in Nature, School of Environment and Sustainable Development
- Webinar on "Gandhi and the World Affairs" organized by School of International Studies on September 4, 2020
- Webinar on "The United Nations At 75: Challenges and Opportunities" organized by School of International Studies on September 28, 2020
- One-day webinar on "Rashtriya Chetna aur Dinker" organized by Centre for Hindi Studies, School of Language, Literature and Culture Studies on August 13, 2020.
- Gujarati Basic Language Training Program, (For the students of Guru Ghasidas Central University, Bilaspur) & Ek Bharat Shresth Bharat (EBSB), CUG Date: July 6 to 10, 2020, Center for Gujarati Language and Literature, School of Language, Literature & Culture Studies Board.
- National Webinar Cum Seminar on 'Tribal Folk Literature of Gujarat and Rajasthan' on September 23, 2020, Center for Gujarati Language and Literature, School of Language, Literature & Culture Studies Board.
- A Tribute to well-known folklorist Hasu Yajnik on December 18, 2020, Center for Gujarati Language and Literature, School of Language, Literature & Culture Studies Board.
- Programme on Netaji Subhash Chandra Bose Birth Anniversary, CGLL & EK BHARAT SHRESTH BHARAT, CUG on January 23, 2021, Center for Gujarati Language and Literature, School of Language, Literature & Culture Studies Board.
- NET, SET & Competitive Guidance Program (For the Students of HNGU, Patan and CUG, Gandhinagar) Date: March 23, 2021, Center for Gujarati Language and Literature, School of Language, Literature & Culture Studies Board.

- Two-day National webinar on Salience of History, Culture and Language in India China Relations: Longue Durée and Courte Durée, organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies, Central University of Gujarat, September, 29-30 2020
- Webinar on “India and China: Images, Perceptions and Choices” under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies, on February 11, 2021.
- Webinar on “Learning Chinese Language: Culture, Career and Challenges”, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies, CUG, on February 11, 2021
- Webinar on “Translation Studies and Foreign Language”, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies on February 19, 2021
- Webinar on “The Development of Chinese Language Education in India: Issues and Prospects” under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies on February 25, 2021
- Webinar on “Chinese Language: Opportunities, Challenges and Work Culture in Service and Manufacturing Sector”, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies on February 26, 2021
- Webinar on “Foreign Language Learning as a Gateway to the Corporate World”, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies, on March 1, 2021
- Webinar on “Education and Job Opportunities in Taiwan: The Role of Mandarin Chinese as a Language”, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies on March 4, 2021.
- Webinar on “Post COVID World: Implication for Learning Chinese Language in India”, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies on March 27, 2021.

- Webinar on the occasion of 150th Birth Anniversary of Gandhi, Centre for Comparative Literature and Translation Studies, School of Language, Literature and Culture Studies September 6-7, 2020
- Programme on Net Set & Competitive Guidance Program for the Students of HNGU, Patan and CUG, Gandhinagar) on March 23, 2021, Centre for Gujarati Language, and literature, School of Language, literature, and culture studies
- National Webinar on 'Tribal Folk Literature of Gujarat and Rajasthan' September 23, 2020, Centre for Gujarati Language, and literature, School of Language, literature, and culture studies
- A Tribute to well-known folklorist Hasu Yajnik organized by Centre for Gujarati Language, and literature, School of Language, literature, and culture studies on December 18, 2020.
- Webinar on "Science, Technology and COVID-19 pandemic" on June 12, 2020, School of Life Sciences.
- Webinar on "Dimensions of Biological Research during Post COVID time" on September 24, 2020, School of Life Sciences.
- Technical seminar on, "Stability & Biomolecular interaction studies with ultra-sensitive analytical techniques: ITC, SPR & DSC" on January 20, 2021, School of Life Sciences.
- Lockdown and Learning Milestones Webinar Series Week 1 on "Application of Open Source and Open Standards in Designing Library Services" dated June 15-19, 2020 by School of Library and Information Science
- Lockdown and Learning Milestones Webinar Series Week 2 on "Importance of Archives in Knowledge Dissemination" dated June 22-26, 2020 by School of Library and Information Science
- Webinar on "Digital Repositories and Research Data: Roles and Prospectus" dated September 16, 2020 by School of Library and Information Science.
- Online Orientation Program for Lab Safety measures-2020, School of Nano Sciences, Central University of Gujarat, December 15 to 19, 2020
- National Webinar on "Scientific Research and Technological Perspective during Covid-19 Pandemic Situation" School of Life Sciences & School of Nano Sciences, July 24-26, 2020.
- One-Week Training Workshop on "Geographic Information System (GIS) and National Security", March 1-7, 2020, School of National Security Studies.
- Navneet Bhushan, Towards a Learning System for the Sixth Wave of Innovation Creating Spiral Learners, August 1, 2020, School of National Security Studies.

- Webinar on Climate Change and COVID-19: India's Response to the Two Crisis, August 6, 2020, School of National Security Studies.
- One Week (Online) Workshop for Teachers on "Understanding India's National Security Challenges", 8-14 March 2021, School of National Security Studies.
- 6th ODI Young Scholar Conference on Impact of Covid 19 on Diverse Indian Diasporas in Africa, Challenges, Expectations and Emerging Research Agenda jointly organized by Centre for Diaspora Studies, CUG and Centre for African Studies, JNU. 27 June 2020, Centre for Diaspora Studies
- International Web-Symposium on Recent Security Threats of India from China: Responses of Indian Diaspora", Jointly Organized by CDS, ODI-India, DIMP and JNU, New Delhi. 5th September 2020, Centre for Diaspora Studies
- International Web-Symposium on "Vande Bharat as World's largest Diaspora Evacuation Mission under COVID-19: Comparing Experiences of Different Home Countries" Organized by CDS, ODI-India, DIMP, New Delhi, JNU. 22 August 2020, Centre for Diaspora Studies
- "Global Webinar on Government Response Towards Indian Diaspora during covid-19" Jointly Organized by Centre for Diaspora Studies, AAJ-JNU, ODI-India, Antar-Rashtriya Sahyog Parishad & GRC, September 12, 2020, Centre for Diaspora Studies
- 2nd Two Days International webinar on "Positioning Migration Studies to understand the Short- and Long-Term Impacts of COVID-19 Pandemic" Organized by Centre for Diaspora Studies in with Collaboration of CSRD-JNU, IIPS-Mumbai, IGU-India and BHU, Centre for Diaspora Studies
- Webinar on "Research Methods and Approaches to Migration and Diaspora Studies" Organized by Centre for Diaspora Studies in Collaboration with Centre for Migration, Refugees and Belonging, University of East London, U.K. 30 June 2020 – 2 July 2020, Centre for Diaspora Studies
- Three-day National Webinar on COVID-19 and Indian Economy, School of Social Sciences, CUG in collaboration with SHoDH and ICSSR, June 9-11, 2020, Centre for Studies in Economics and Planning, School of Social Sciences
- Online webinar on "Science and Technology in Modern Indian Thoughts: Conversations on Ambedkar, Gandhi, Malviya and Tagore." Organised by CSSTIP, School of Social Sciences, October 12, 2020
- One-day international webinar on "Gandhi and the Contemporary World" on August 8, 2020, organized by Centre for Gandhian Thought and Peace Studies, School of Social Sciences.

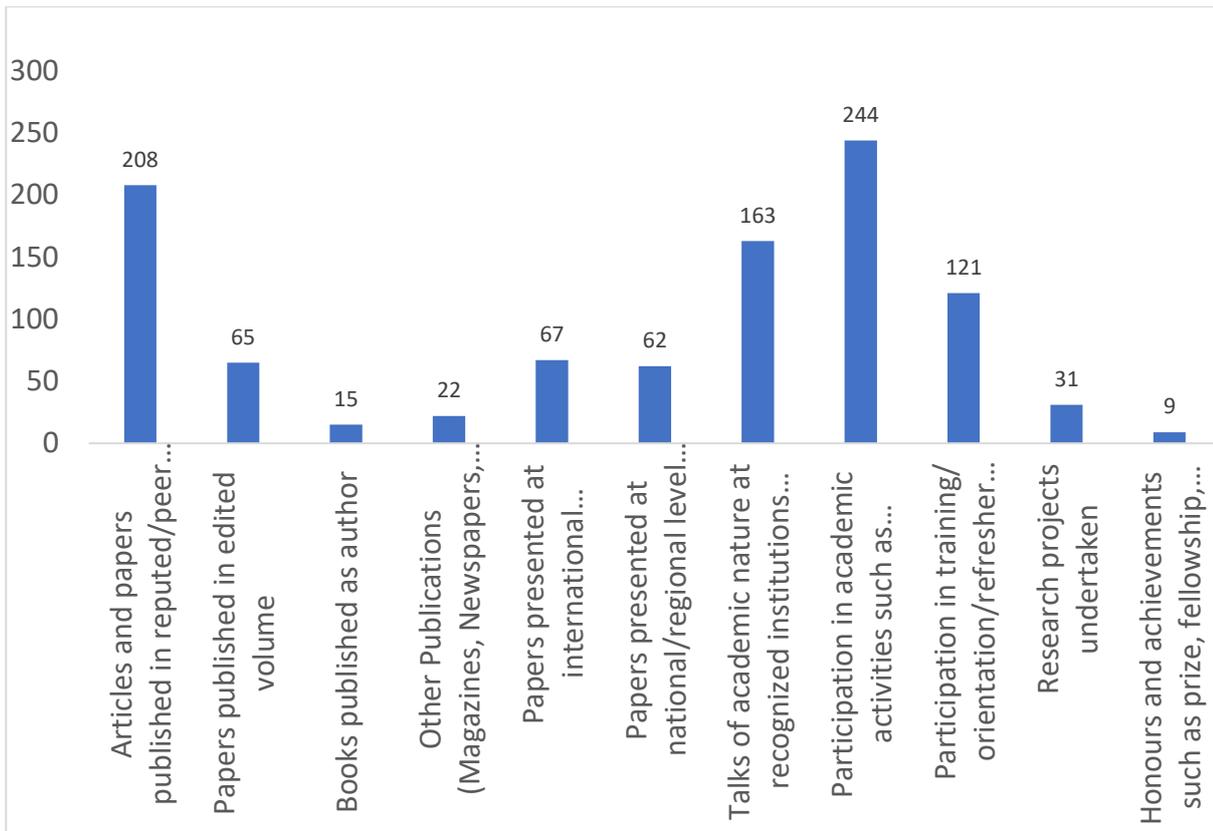
- Two-day international webinar on “Nationality Social Inclusion and New Education Policy”, during September 8-9, 2020 organized by Centre for Gandhian Thought and Peace Studies, School of Social Sciences.
- Two-day international Webinar on “Gandhi and the Conception of Political Community” organized by Centre for Gandhian Thought and Peace Studies, School of Social Sciences during October 1-2, 2020.
- Workshop on ‘Diaspora Studies in the Curriculum and Pedagogy of Indian Education System with Special Focus on NEP 2020’ organized by Centre for Diaspora Studies in association with Centre for Policy Research in Education, PMMMNMTT, School of Education, during 13-14 March 2021.
- National Webinar on the “Idea of University and National Education Policy 2020”, organized by the Centre for Studies in Society and Development, 13 October 2020, Resource Person: Prof. G. Nagaraju, Department of Sociology, University of Hyderabad, Hyderabad.
- Webinar Series I - Management of Reforms in the 21st Century held by Centre for Studies in Social Management on 11th August 2020.
- Webinar Series II - Management of Reforms in the 21st Century: The Social Sector held by Centre for Studies in Social Management on 12th September 2020.

Honours/ achievements such as prize, fellowship, award, etc. of students

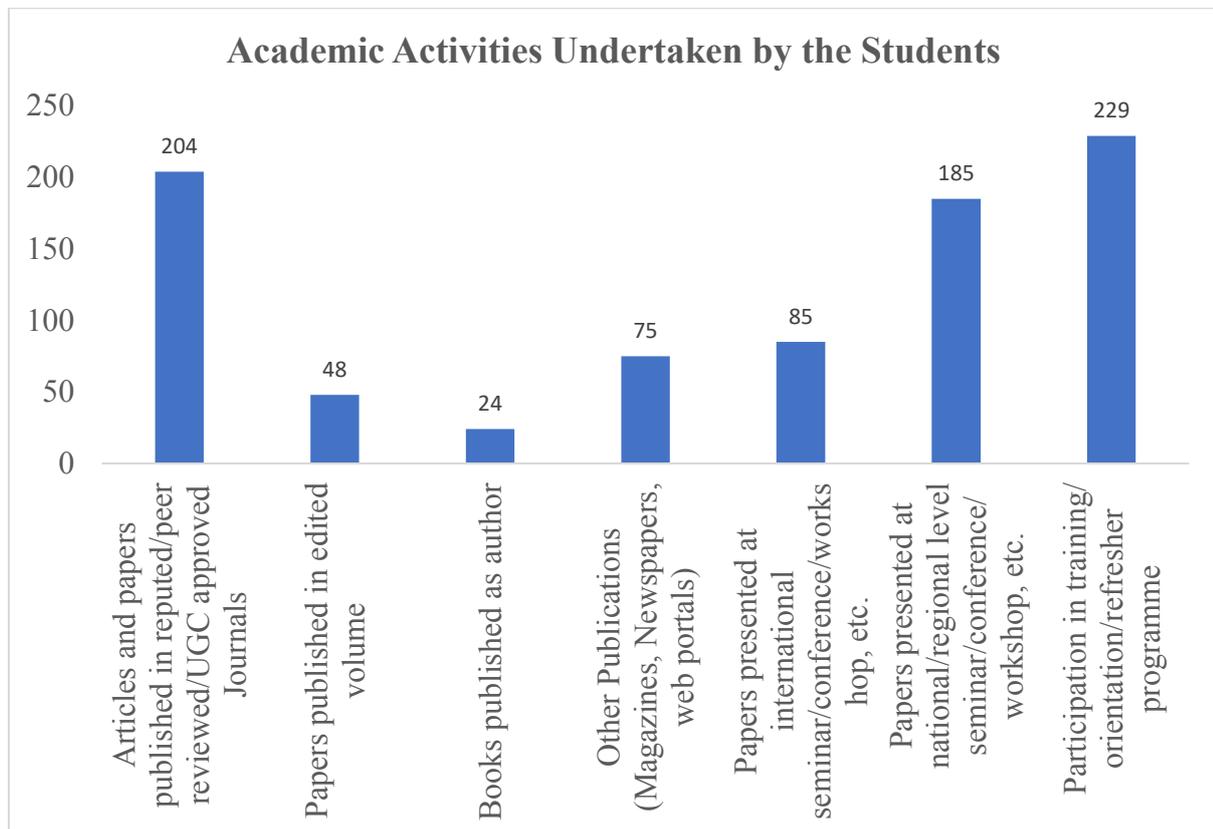
- Chitra Chakma, 'National Fellowship and Scholarship for Higher Education of ST Students', School of Education
- Supriya Vaish: Awarded by DST-WOS-B Women Scientist fellowship, School of Environment and sustainable Development
- Ms. Garima Nanda, National Fellowship for SC students, School of International Studies
- Ms. Garima Nanda, National Eligibility Test, 30 November 2020, School of International Studies
- Singh, Rajesh Kumar, "Online awareness Programme about COVID-19, SB Patil Institute of Management & Pune Business School", 1-6-2020 & 14-6-2020
- Singh Prasoon Narayan, Certificate of Appreciation in "Kotnis In My Heart" ---University Students' Short Video Contest from Centre for South Asian Studies, Peking University, October 2020
- Kumar Hemant, Certificate of Excellence, The 19th Chinese Bridge – Chinese Proficiency Competition for High School and College Students Preliminary Contest in India, The Embassy of PRC in India, 28/08/2020
- Pathak Abhishek, Advance Module (Track 1 & Track 2), The Massive Open Online Course on Geospatial Applications for Disaster Risk Management, ISRO, United Nations Office for Outer Space Affairs & CSSTEAP, June 2020
- Kumar Akash, Certificate of Honour, INS International Chinese Knowledge Class Competition, East China Normal University, January 2021
- Parmar Mahesh Kumar Chandrakant, NFSC (UGC), November 30, 2020 (5 Years), Centre for Gujarati Language, and literature, School of Language, literature, and culture studies.
- Deepak Kumar Rout, National Fellowship for Scheduled Caste Student, 30 November 2020
- Priyanka Patel, (First Prize in Issue Brief category) Field Marshal Sam Manekshaw Essay Competition on National Security organized by the Centre for Land Warfare Studies. The student received a gold medal and citation from the Chief of Army Staff, Indian Army.
- Abhishek Lakkad. Peter Nicholls Essay Prize (Awarded by SF Foundation, UK). January 2021
- Gautam Sharma and Hemant Kumar. Emerald Literati Award 2020 for best paper publication in the year 2019. By Emerald Publishing. October 2020.
- Nilkamal Chauhan. Cleared First Stage of Nomination for Science and Innovation Management category and had BrainDate Talk at Berlin, Germany. November 2020.

- Nilkamal Chauhan. Selected at International MUN as an Intern (Supported by the United Nations. January 2021 (for 5 weeks).
- Nilkamal Chauhan. Selected for “Uplift Mentorship Programme” from NUS. September to December 2020.
- Rachan Daimary. IAS-STS Visiting Fellow, University of Graz, Austria. 2nd October 2020- 28th March 2021.
- Rachan Daimary. Indigenous People's Conference Travel Award 2020. Society of Ethnobiology, Southern Utah University, USA. May 12-14, 2021.
- Rajiv Kumar. DAIC Postdoctoral National Fellowship, New Delhi. February 2021.
- Sheeraz Ahmad Alaie. DST-STIP Postdoctoral Fellowship. April 2020.
- Surbhi Singh. Manfred Heindler Guest Research Fellowship by IAS-STS, Technology University of Graz, Austria. 1 October, 2019 - 30 June, 2020.

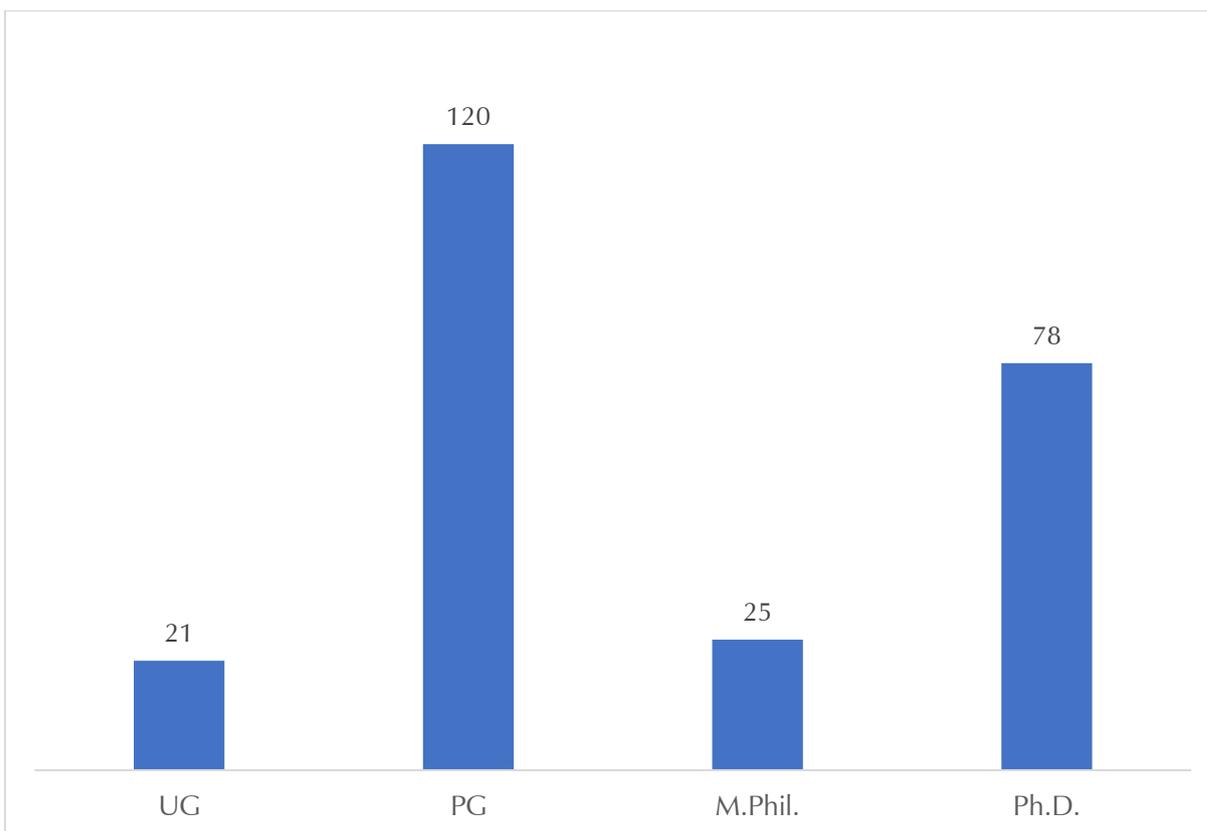
Academic Activities Undertaken by the Faculty Members



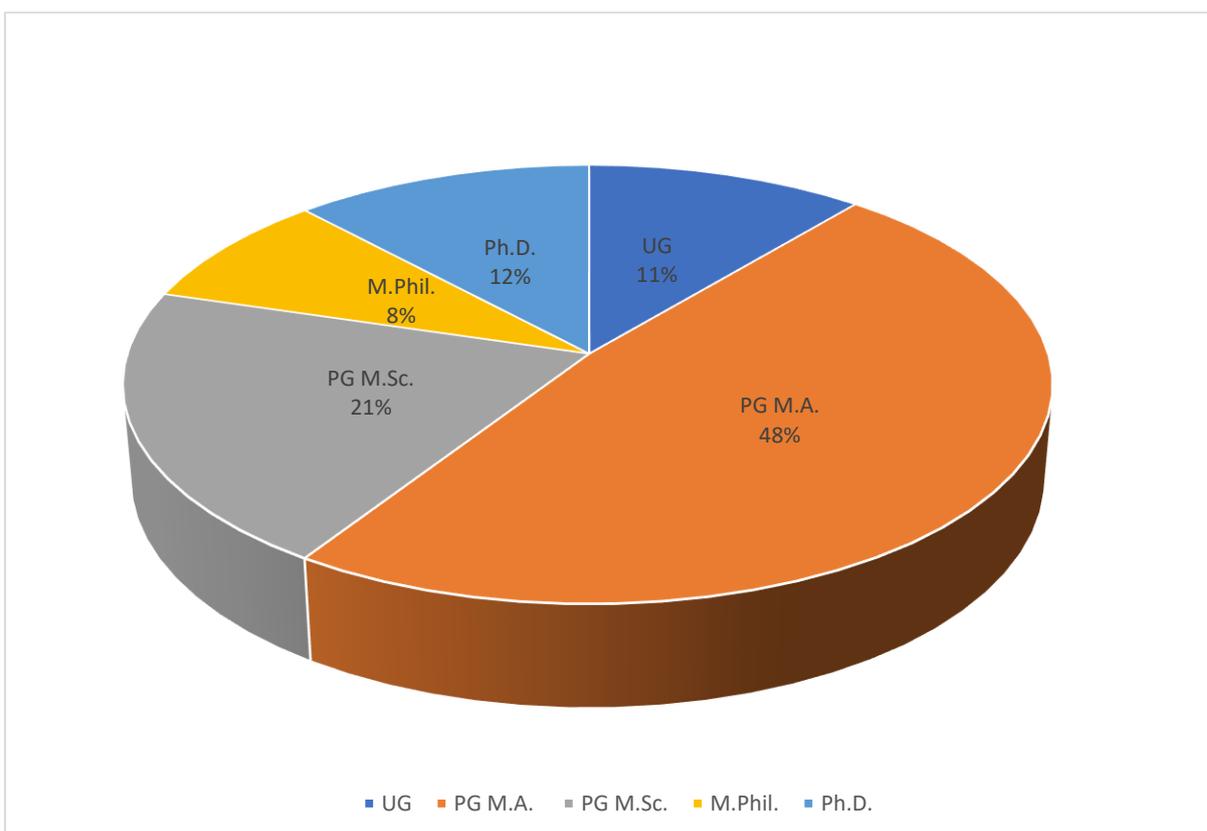
Academic Activities Undertaken by the Students



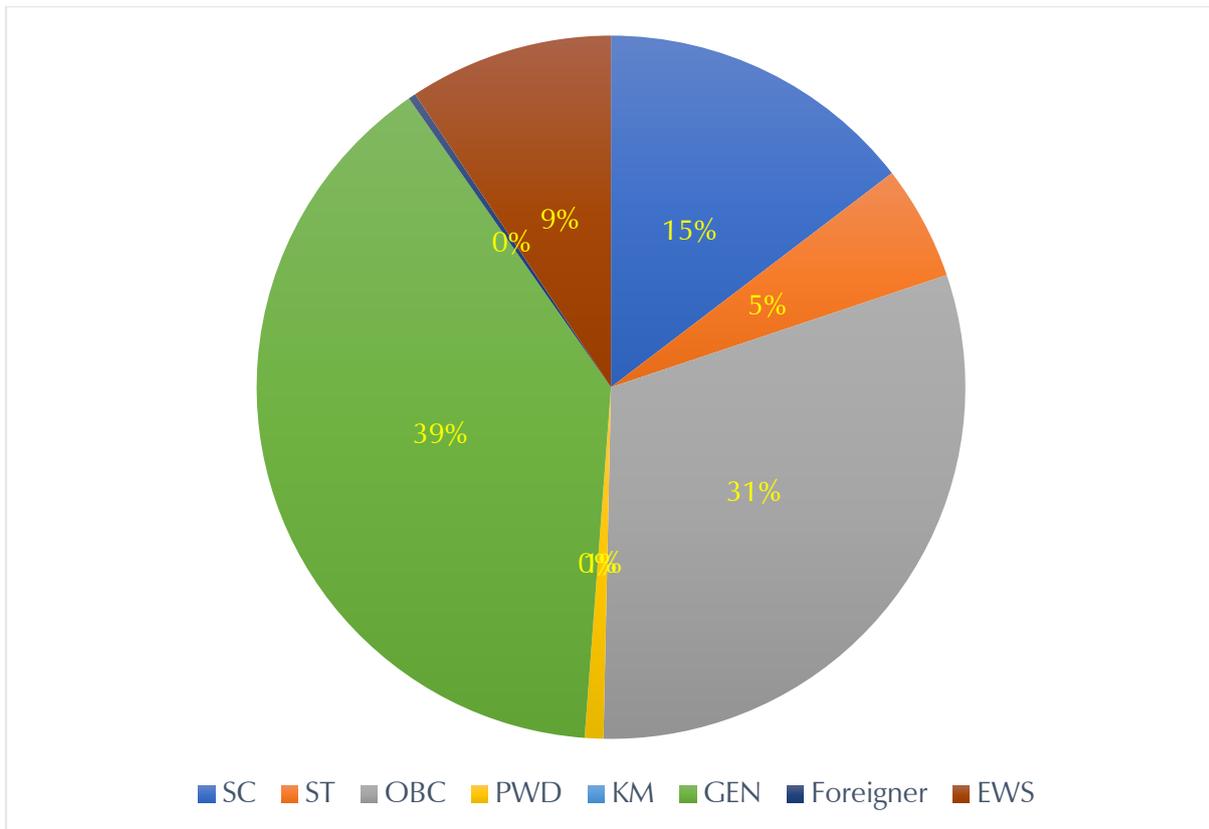
Degrees Awarded During Third Convocation Of CUG



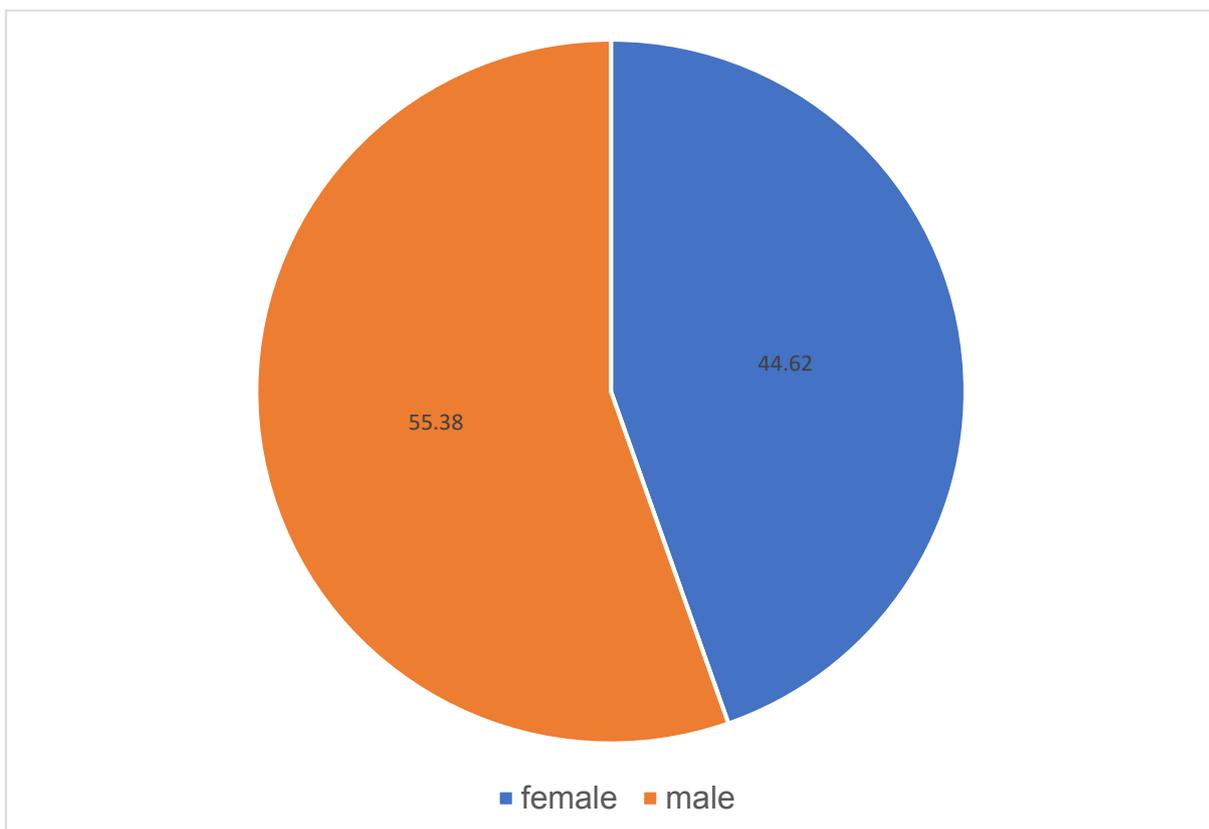
Programmewise Admission During 2020-21



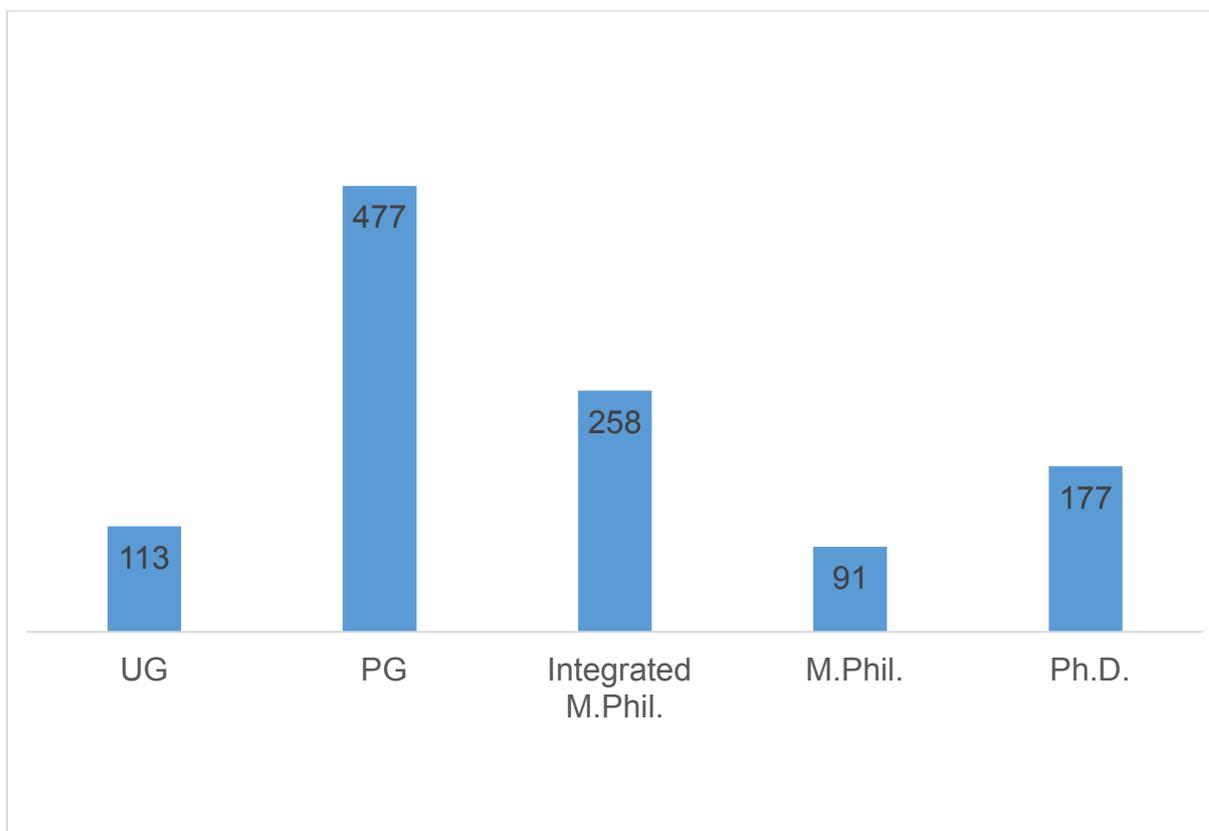
Category wise Admissions During 2020-21



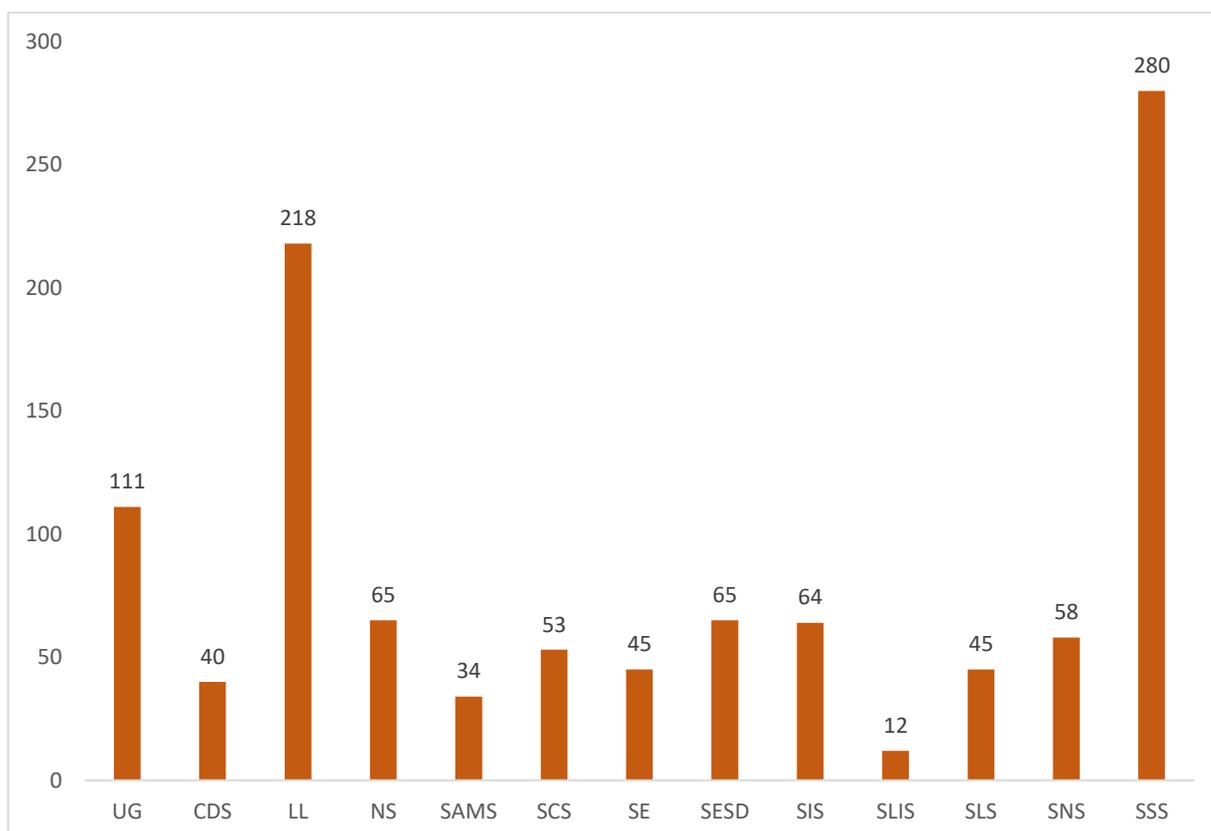
Gender-wise Students (%) Admitted in CUG (2020-21)



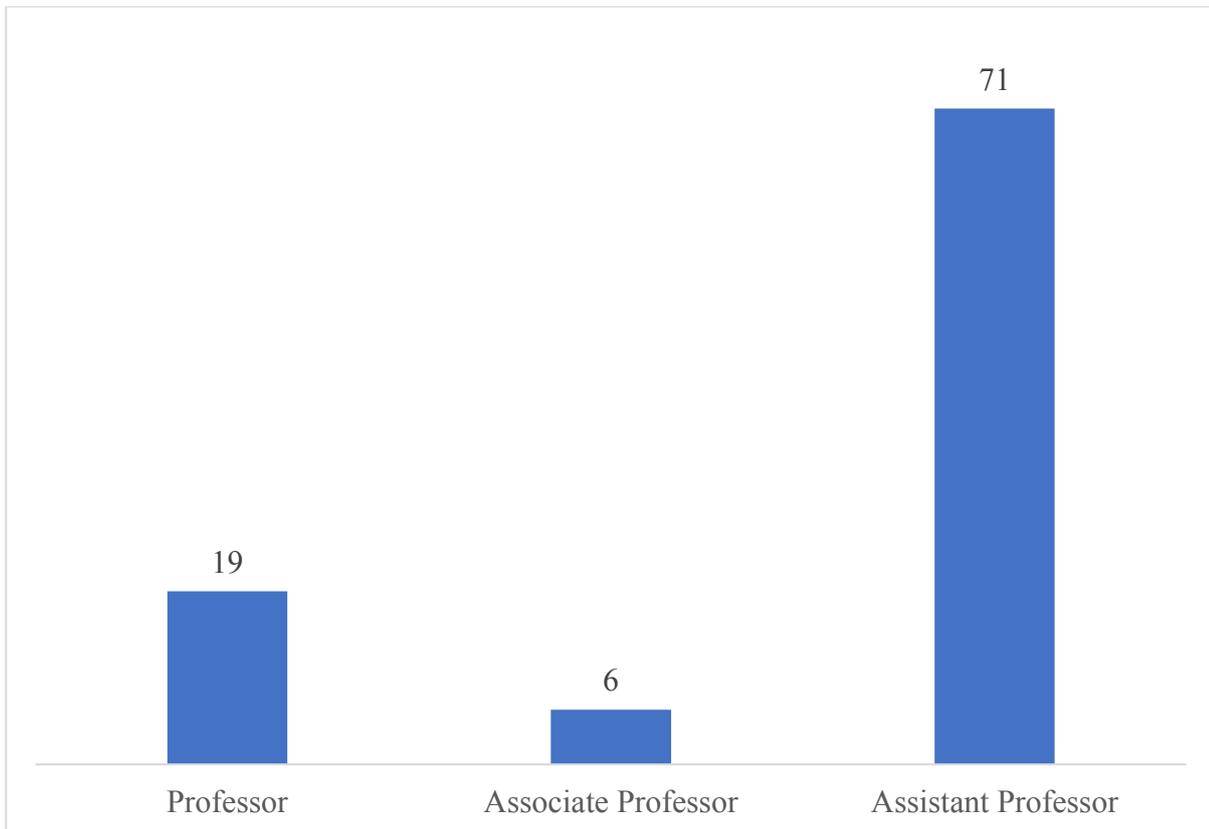
Programme-wise Distribution of Total Students in CUG (2020-21)



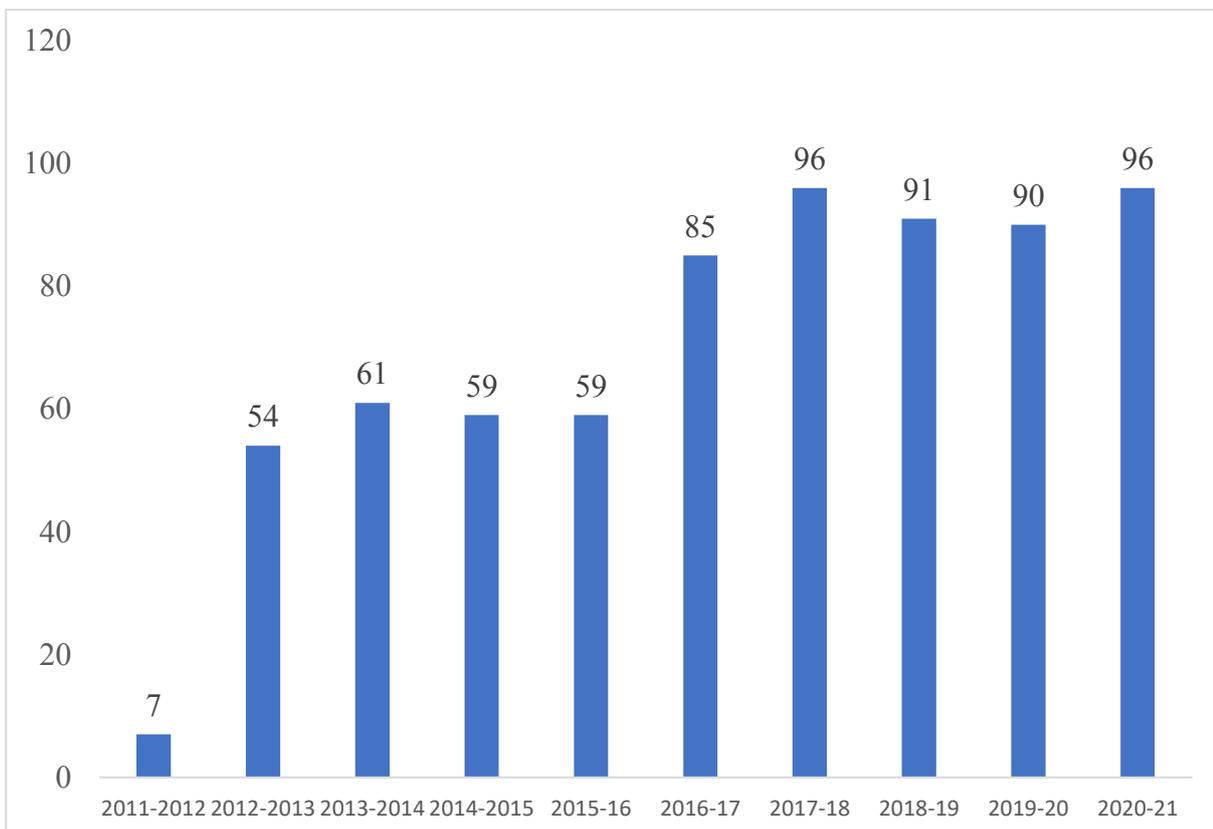
Distribution of Students in Schools (all programmes)



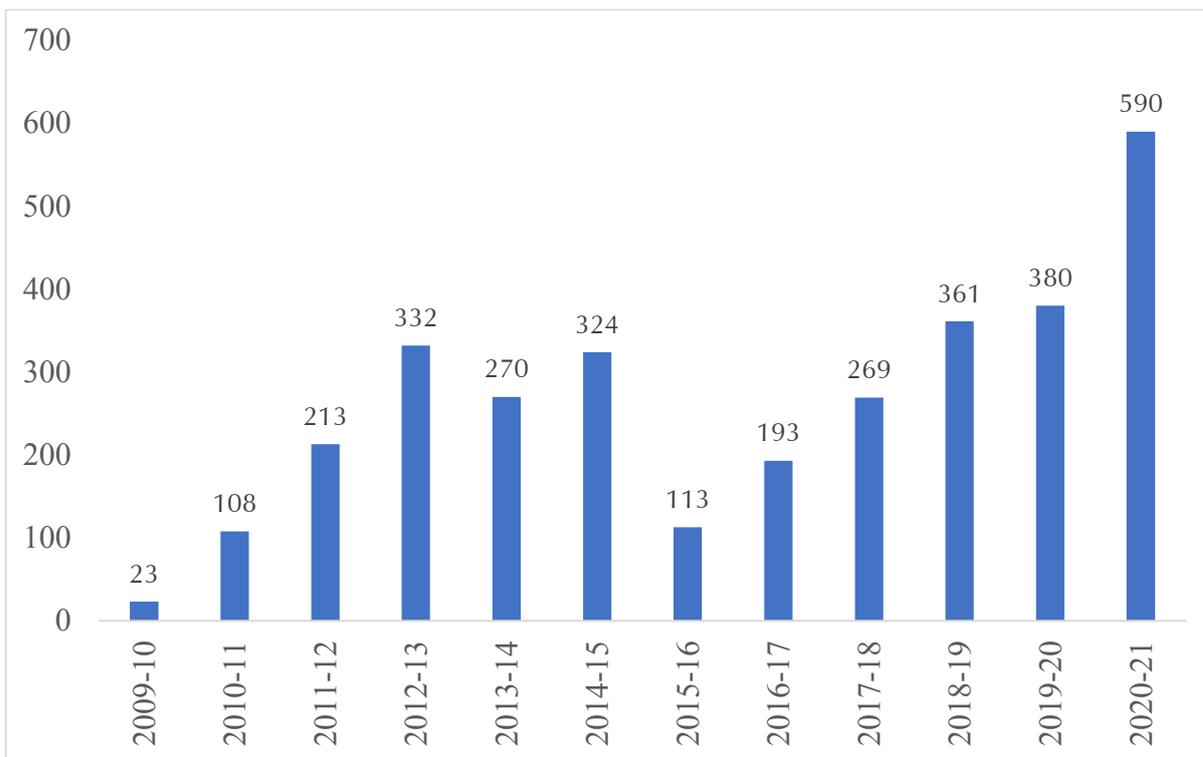
Teaching Staff Designation-wise (2020-21)



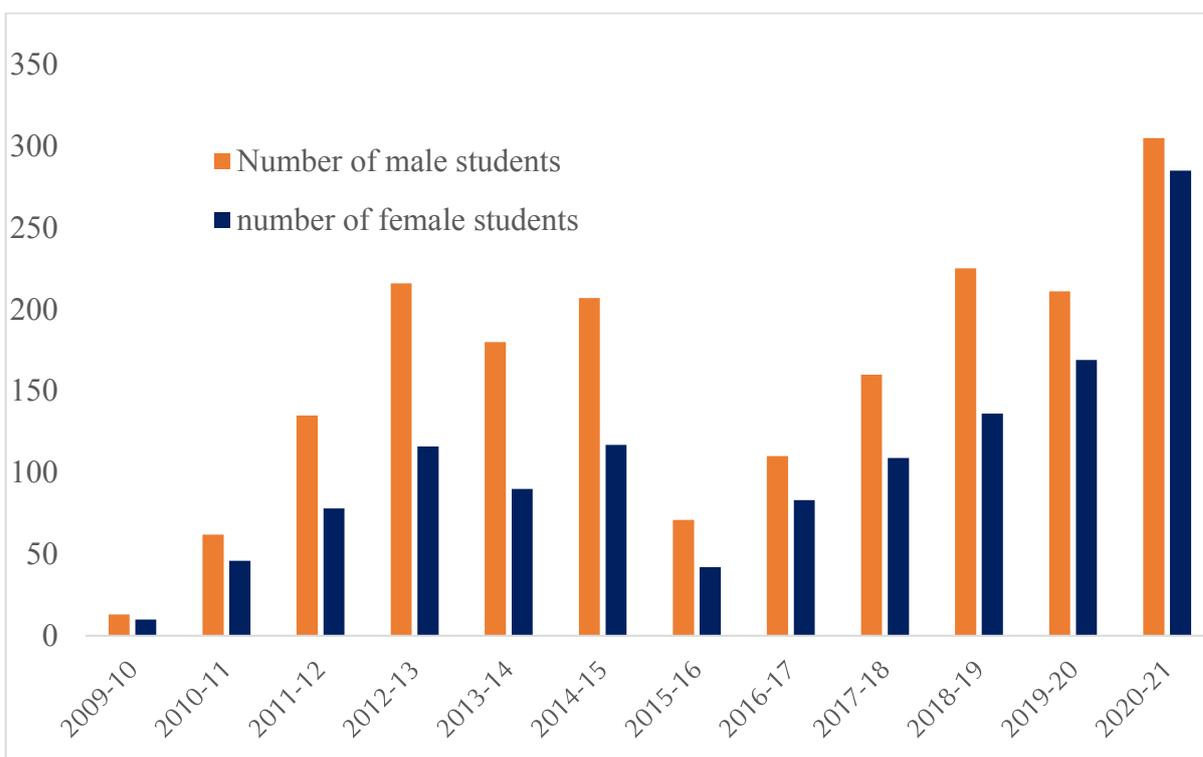
Growth of teaching staff during 2011-12 to 2020-21



Growth of Students in Central University of Gujarat During 2009-10 to 2020-21

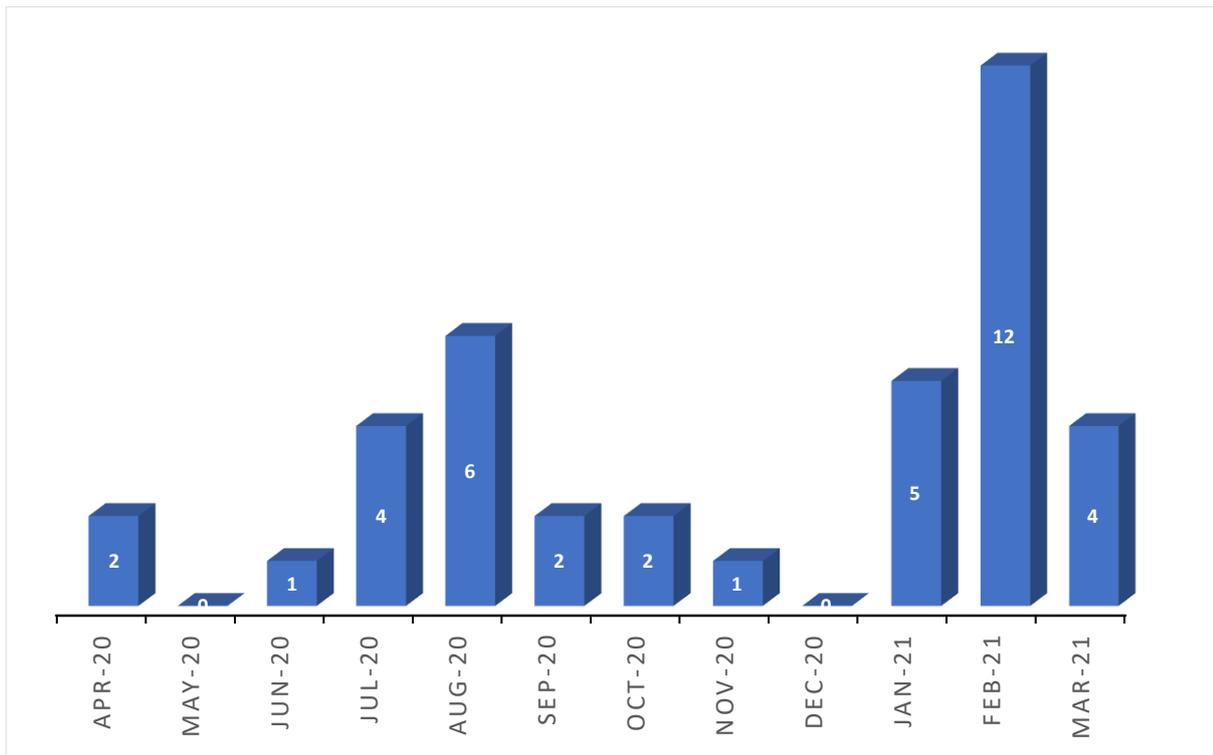


Gender wise distribution of Students in Central University of Gujarat 2009-10 to 2020-21



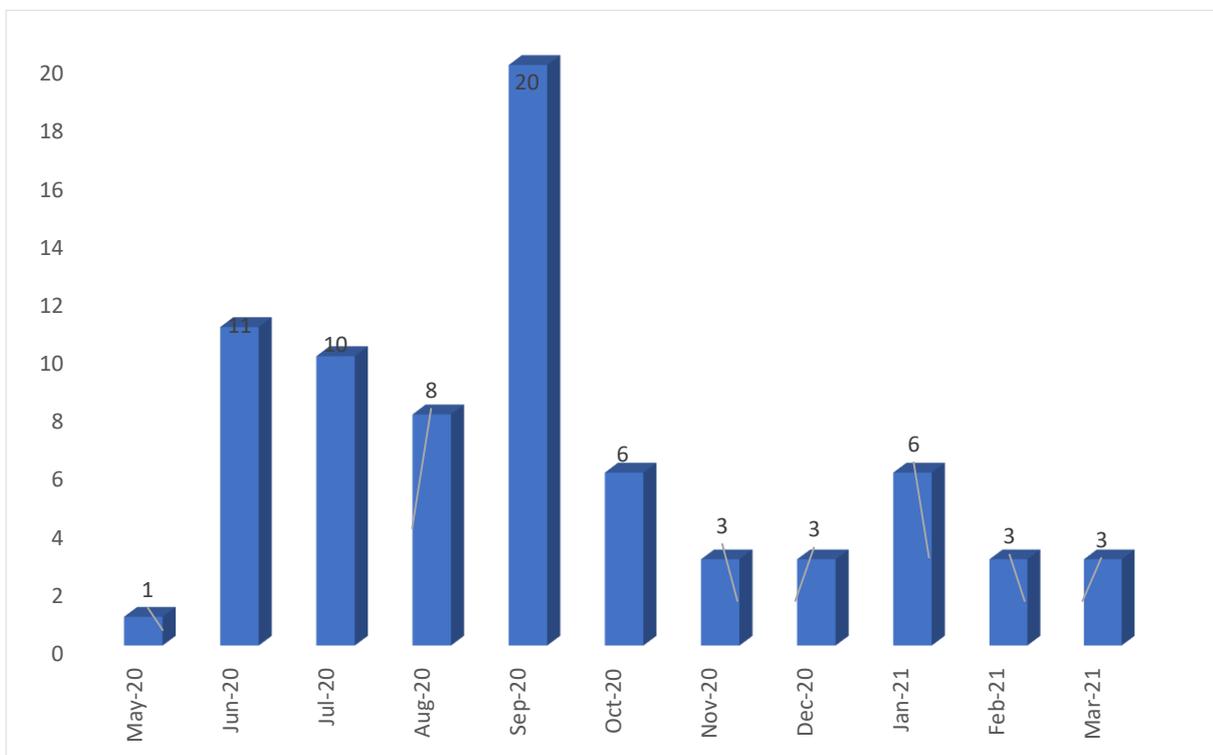
Online meetings conducted by ICT

Meeting

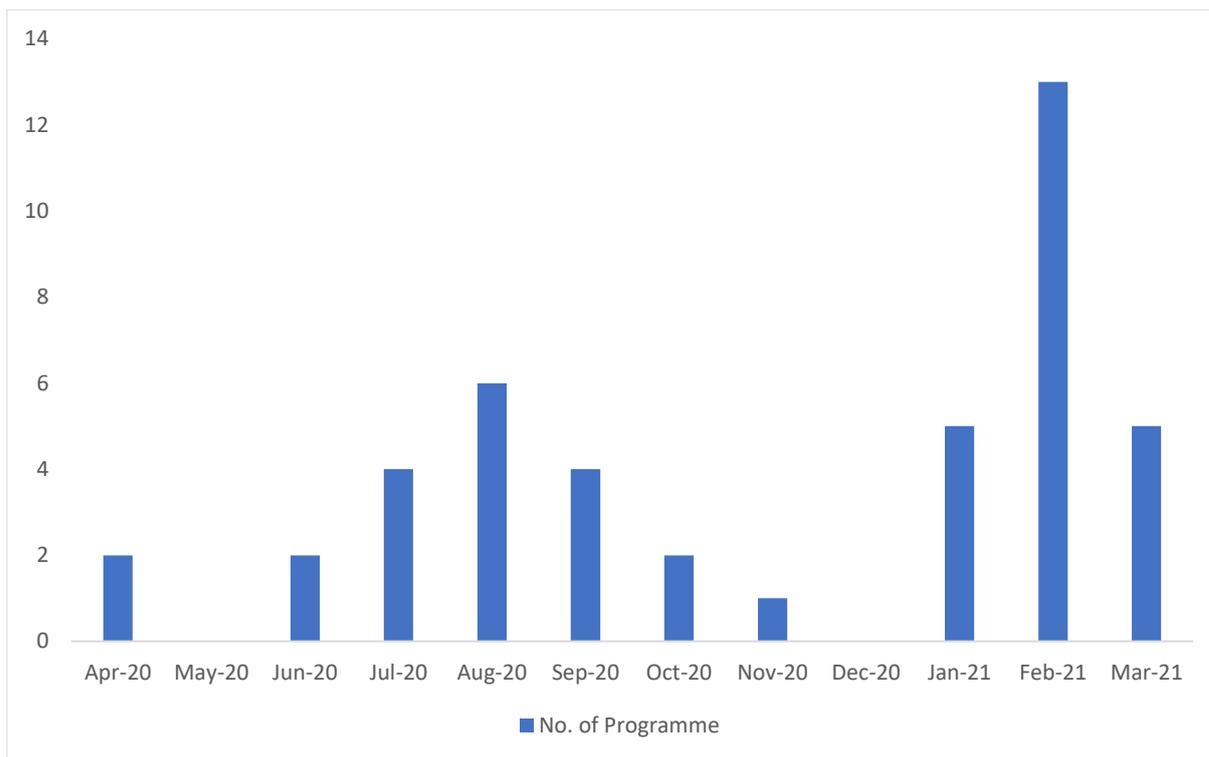


Online webinars in the University

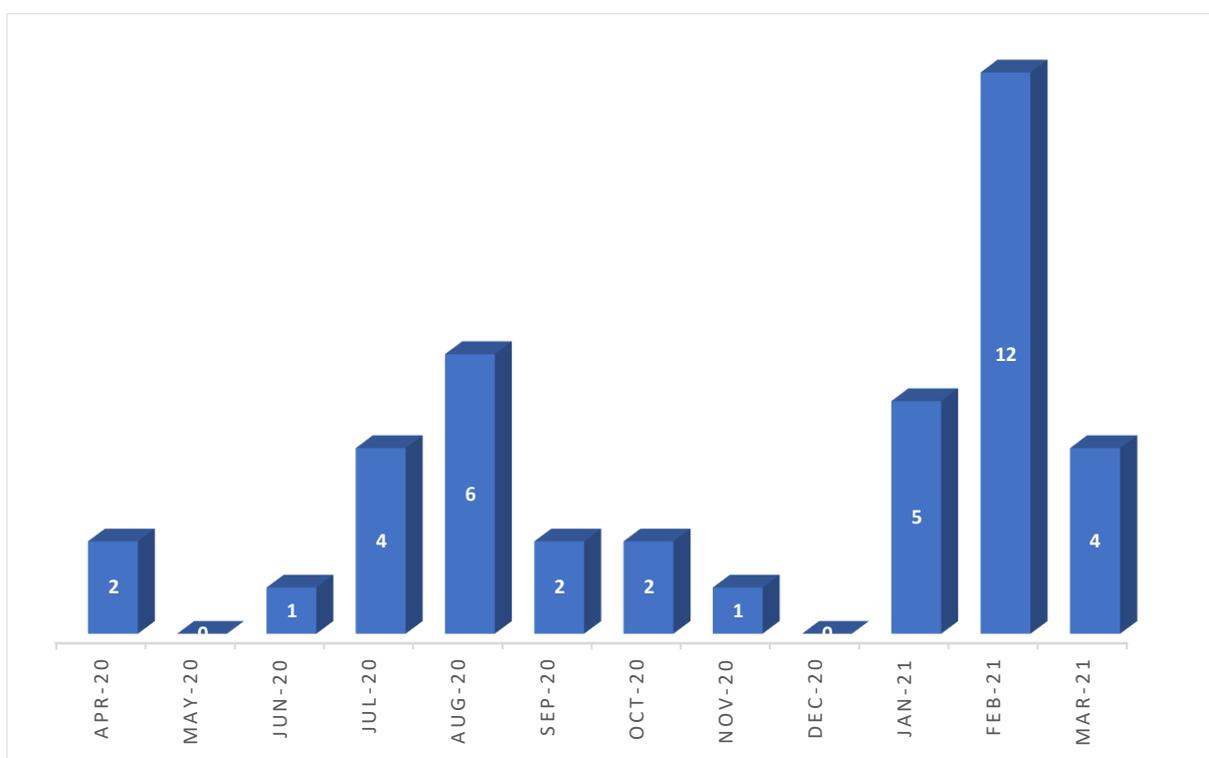
No. of webinars



Online programmes



Online Viva



Schools and Centres

School of Applied Material Sciences

About the School

The changing global scenario in research and economy demands a multidisciplinary approach in science with an aim to be self-sustainable and leaders in the field. It is speculated that 21st century belongs to those who subscribe to out of the box approach and thinking. Advanced materials are essentials to economic security and human well-being, with application in multiple industries, including those aimed at addressing challenges in clean energy, national security, and human welfare. Accelerating the pace of discovery and deployment of advanced material system will, therefore, be crucial to achieving global competitiveness in the 21st century. The purpose of this Centre is to provide cross-fertilization of new ideas and methodology which could serve as a conduit for collaboration between experimental research who are synthesizing, characterizing, and collecting real world data and computational research in model building, simulation, and analysis under one roof. This synergy provides critical fundamental that can guide new experiments and accelerates discovery. Industry personnel are regularly invited as guest faculty in the centre to provide inputs in industrial requirements and enhance the skill of students.

Faculties at the Centre level (Give name and areas of interest only and no email id or any other personal information)

Prof. Prakash C Jha, professor and dean

Areas of interest: Computational Chemistry

Dr. L. Raju Chowhan, Assistant professor

Areas of interest: Organic Chemistry (Total Synthesis/Development of Novel methodologies/Catalysis)

Dr Eeshwaraiah, Assistant professor

Areas of interest: Medicinal Chemistry and total synthesis of biologically active natural products

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Lakshmi, S. R., Singh, V., Chowhan, L. R. (2020). Highly Efficient Catalyst-Free Domino Conjugate Addition, Decarboxylation and Esterification/Amidation of Coumarin Carboxylic Acid/Esters with Pyrazolones. *RSC Advances*, 10, 13866-13871. <https://doi.org/10.1039/D0RA01906B>
- Chowhan, L. R., Raghavan, S. (2020). Stereoselective Synthesis towards (+)-trans-Kumausyne Employing Vinylogous Mukaiyama type reaction on an α -Chloro Sulfide. *Indian Journal of Chemistry B*, 59B, 1199-1205. <http://nopr.niscair.res.in/handle/123456789/55437>
- Kartikey, K. D. D., Reddy, M. S., & Chowhan, L. R. (2020). Isatin N,N'-cyclic azomethine imine 1, 3-dipole mediated regio and diastereoselective synthesis of isoxazole-containing spirooxindoles by an abnormal [3 + 2] cycloaddition. *Tetrahedron Letters*, 61(52), 152664. <https://doi.org/10.1016/j.tetlet.2020.152664>
- Borah, B., Dwivedi, K. D., & Chowhan, L. R. (2021). Applications of pyrazolone in multicomponent reactions for the synthesis of dihydropyrano[2,3-c]pyrazoles and spiro-

pyrano[2,3-c]pyrazoles in an aqueous medium. *Arkivoc*, 2021(1), 273–328.
<https://doi.org/10.24820/ark.5550190.p011.481>

- Borah, B., Dwivedi, K. D., & Chowhan, L. R. (2021). Recent approaches in the organocatalytic synthesis of pyrroles. *RSC Advances*, 11(22), 13585–13601.
<https://doi.org/10.1039/D1RA01690C>
- Vora J, Athar M, Sinha S, Jha PC, Shrivastava N ,(2020). Binding Insight of Anti-HIV Phytocompounds with Prime Targets of HIV. *A Molecular Dynamics Simulation Analysis*.18(2):132-141. <https://pubmed.ncbi.nlm.nih.gov/31995010/>
- Panchal, M., Kongor, A., Athar, M., (...), Jha, P.C., Jain, V.K., *J. Mol. Liq.*, (2020). Structural motifs of oxacalix[4]arene for molecular recognition of nitroaromatic explosives. Experimental and computational investigations of host-guest complex. 306: 112809.<https://www.sciencedirect.com/science/article/abs/pii/S0167732219364384?via%3Dihub>
- Kediya, S., Manhas, A., Jha, P.C.,(2020). DFT/TD-DFT Based Study to Decipher the Proton Transfer Process in Anion Sensing Mechanism of NTS Molecule. *ChemistrySelect*. 5;5437:<https://chemistry-europe.onlinelibrary.wiley.com/doi/full/10.1002/slct.202000550>
- Vora, J., Patel, S., Athar, M. T. Chabaria, Jha, P.C., Shrivastava, N, (2020). Pharmacophore modeling, molecular docking and molecular dynamics simulation for screening and identifying anti-dengue phytocompounds. *Journal of Biomolecular Structure and Dynamics*. 38(6),1726; <https://pubmed.ncbi.nlm.nih.gov/31057055/>
- Suman, P., Lone, M.Y., Janardan, S., Jha, P. C.,Sivaramakrishna, A., Clayton, H.S.,(2020). Studies on stability and structural aspects of hydrazide-based hypercoordinate silicon(IV) complexes. *Journal of Coordination Chemistry*. 73(6), 917
<https://www.tandfonline.com/doi/abs/10.1080/00958972.2020.1753714>
- Sahiba, N., Agarwal, D.K., Manhas, A., (...), Jha, P.C., Agarwal, S ,(2020). Mechanochemical Approach for the Selective Synthesis of 1,2-Disubstituted Benzimidazoles and Their Molecular Docking Studies. *Polycyclic Aromatic Compounds*.
<https://www.tandfonline.com/doi/full/10.1080/10406638.2020.1768565>
- B. B. Pavankumar, Prabodh Ranjan, Prakash C. Jha and Akella Sivaramakrishna,(2020). New simple molecular fluorescent probes for rapid and highly selective sensing of hydrazine by aggregate-induced emission. *Analyst*, **145**, 4615-4626,
<https://pubs.rsc.org/en/content/articlelanding/2020/an/d0an00601g#!divAbstract>
- Dinesh K. Agarwal Ayushi Sethiya Pankaj Teli Anu Manhas Jay Soni Nusrat Sahiba Prakash C. Jha Shikha Agarwal Pradeep K.(2020). Goyal.Click chemistry-inspired design, synthesis, and molecular docking studies of biscoumarin derivatives using carbon-based acid catalyst. *Journal of Heterocyclic Chemistry*57,3294
<https://onlinelibrary.wiley.com/doi/full/10.1002/jhet.4045>.

- Suman, P., Bhat, H.R., Janardan, S., Jha, P.C., Sivaramakrishna,(2020). New Hydrazone based Tricyclic Pentacoordinate Siliconium Ions –A Facile Route to the Synthesis of Spherical Shaped $Sr_5(PO_4)_2SiO_4$. *A Journal of Applied organometallic chemistry*. 34, 1-11
<https://onlinelibrary.wiley.com/doi/full/10.1002/aoc.5909>
- Sethiya, A., Teli, P., Manhas, A., (...), Jha, P., Agarwal, S,(2020), Carbon-SO₃H: An efficient catalyst for the synthesis of biscoumarin under ambient reaction conditions and their in silico studies, *Synthetic communications*, 50,2440
<https://www.tandfonline.com/doi/abs/10.1080/00397911.2020.1780613>
- Kongor, A., Panchal, M., Athar, M., (...), Rawal, R., Jain, V,(2020), Colorimetric and electrochemical sensing of As(III) using calix[4]pyrrole capped gold nanoparticles and evaluation of its cytotoxic activity *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, 98,29 <https://link.springer.com/journal/10847/volumes-and-issues/98-1>
- Kongor, A., Panchal, M., Athar, M., (...), Jha, P.C., Jain, V,(2021), Calix[4]pyrrole Stabilized PdNPs as an Efficient Heterogeneous Catalyst for Enhanced Degradation of Water-Soluble Carcinogenic Azo Dyes, *Catalysis letters*, 151,548
<https://link.springer.com/article/10.1007/s10562-020-03304-x#:~:text=MCPTH%2DPdNPs%20efficiently%20reduces%20two,activity%2C%20and%20efficient%20recycling%20ability>
- Sannapaneni Janardan, A. S. Vijai Anand, Pothini Suman, Mohsin Y. Lone, Prakash C. Jha, C. V. S. Brahmmananda Rao & Akella Sivaramakrishna,(2020), Facile Reduction of Phosphine Oxides by O-Silylated Hydrazone Supported Hydrosilanes, *Silicon*,
<https://link.springer.com/article/10.1007/s12633-020-00598-9>
- Anu Manhas, Sujeet Kumar & Prakash C. Jha,(2020), Identification of the natural compound inhibitors against Plasmodium falciparum plasmeprin-II via common feature based screening and molecular dynamics simulations, *JBSD1*,13
<https://www.tandfonline.com/doi/abs/10.1080/07391102.2020.1806110>
- Siddhi Kedia, Anu Manhas, Mohsin Y. Lone, Prakash, C. jha,(2021), A theoretical study describing the sensing mechanism of the novel triarylborane substituted naphthalimide molecule, *Journal of Molecular Structure*, 1228, 129443,
<https://www.sciencedirect.com/science/article/abs/pii/S0022286020317580?via%3DiHub>
- M Vora, A Kongor, M Panchal, M Athar, A Verma, F Panjwani, PC Jha, (2020), A highly selective anthraquinone appended oxalixarene receptor for fluorescent ICT sensing of F-ions: an experimental and computational study". *Journal of Chemical Sciences*, **132**, 156.
<https://link.springer.com/article/10.1007/s12039-020-01862-6>
- A Desai, E.Begari & P C Jha,(2021),Chlorophyll fluorescence imaging: An investigative tool for plant abiotic stress" *International Journal of Bio-Technology and research(IJBTR)*,11(1),15-22

- 23. A Desai, E.Begari & P C Jha,(2021)Genetic engineering of meiosis related genes for crop improvement in cereals, International Journal of Bio-Technology and Research (IJBTR) 11, 2249–6858,

Participation in training/ orientation/refresher programme

- Dr. L. Raju Chowhan, Refresher Course on Chemistry, conducted by School of Chemistry, HRDC, University of Hyderabad, 08-20th February 2021, Online mode.
- Dr. L. Raju Chowhan, Online Management Development Programme on Public Procurement (Basic) conducted by Arun Jaitley National Institute of Financial Management,17th - 20th May, 2021, Online mode.
- Dr. E. Begari, .UGC - SPONSORED Refresher Course on ;Drug Discovery and Formulation Development& quot; from 12/10/2020 to 27/10/2020 at Jawaharlal Nehru Technological University, Kukatpally, Hyderabad.
- Dr. E. Begari, .Short Term Course on Challenges in Discovery of antiviral agents and Vaccines from 08/06/2020 to 13/06/2020 at Jawaharlal Nehru Technological University, Kukatpally, Hyderabad.

Research projects Undertaken

- Dr. E. Begari, Total Synthesis of Tetrahydroisoquinoline Derived Bioactive Natural Products Jasisoquinolne -A and Schulzeine -A and Their Analogues, DST-SERB, amount ` 45.46 lakhs (ongoing)
- Dr. E. Begari: α , β , γ -Regioselectivity of Butyrolactone towards1,6-Conjugate addition of para-Quinone Methides to access Biologically potent Butyrolactone-derived diarylmethane,scaffold”, UGC, New Delhi, ` 10 lakhs (ongoing)
- Prof. Prakash C. Jha, Rational Design of bio-organometallic compounds as potential anti-microbials agents, DST-SERB ` 33.18 lakhs (ongoing)

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2020-21)
Dr. L. Raju Chowhan	Ph. D.	3 (Awarded)+1 (submitted)

Participation of faculty in University governance as members of Committee or holding additional responsibilities

- School Level Purchase Officer, School of Applied Material Sciences, CUG.
- Member of CIF Advisory committee
- Faculty in charge for LCMS

- School Level Nodal Officer for Alumni, SAMS, CUG
- SWAYAM coordinator, SAMS, CUG
- Maintenance in charge
- Canteen committee in charge
- Nodal officer, B. Voc

School of Chemical Sciences

About the School

The School of Chemical Sciences, established in 2009 is a unique learning centre that fosters innovative scientific ideas through interdisciplinary and collaborative teaching and research in the frontiers of natural science disciplines. The school conducts research in the areas of applied and green chemistry, textile and polymer chemistry, petroleum products, supramolecular and macromolecular chemistry, kinetics and catalysis, physical organic chemistry, synthetic organic and inorganic chemistry, nano chemistry, and bioorganic chemistry. Students at the School receive extensive and in-depth exposure to every aspect of the chemical sciences: experimental, theoretical, applied, and instrumental.

The school offers the following programmes in the basic as well as thrust area in chemical sciences.

- M.Sc. in Chemical Sciences
- Ph.D. in Chemical Sciences
- Six-month certificate course in Analytical Technique for Visually Challenged (ATVC)

Faculties at the Centre level

Prof. Man Singh, Professor & Dean

Areas of interest: Thermodynamics of molecular interactions of structural liquid mixtures, nanoemulsion, and graphene structural modifications.

Dr. Dinesh Kumar, Associate Professor

Areas of interest: Synthetic inorganic chemistry and nanochemistry.

Dr. Dhananjay Mondal, Assistant Professor

Areas of interest: Synthesis of bioactive molecules, organo-nanoconjugates, peptidomimetics and ionic liquids; new methodology and drug development.

Dr. Dandamudi. V. Lenin, Assistant Professor

Areas of research interest: Synthetic Organic Chemistry, asymmetric synthesis, organocatalytic reactions, organometallic chemistry, green chemistry.

Dr. Gururaja G. N., Assistant Professor

Areas of interest: Organic synthesis, fluorine chemistry, asymmetric synthesis, synthesis of bioactive and natural products, NHC carbene and organo-catalysts, and graphene-based nanocatalysts.

Dr. Panchami Prabhakaran, Assistant Professor

Areas of interest: Organic and Bioorganic Chemistry, supramolecular chemistry.

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Chetty, R., Singh, M. (2020). In-vitro interaction of cerium oxide nanoparticles with hemoglobin, insulin, and dsDNA at 310.15 K: Physicochemical, spectroscopic and in-silico

study. *International Journal of Biological Macromolecules*, 156, 1022-1044. <https://doi.org/10.1016/j.ijbiomac.2020.03.067>

- Dev, S., Singh, M. (2020). Metallic sulfide nanoparticles anchored graphene oxide: Synthesis, characterization and reduction of methylene blue to leuco methylene blue in aqueous mixtures. *Journal of Physics and Chemistry of Solids*, 139, 109335 <https://doi.org/10.1016/j.jpics.2020.109335>
- Asatkar, A., Lambat. L. T., Mahmood, S., Mondal, A., Singh, M., Banerjee, S. (2020). Facile protocol for the synthesis of benzothiazole, benzoxazole and N-benzimidazole derivatives using rice husk derived chemically activated carbon. *Materials Today: Proceedings*, 29, 738-742 <https://doi.org/10.1016/j.matpr.2020.04.510>
- Makawana, D., Singh, M. (2020). A new dendrimer series: synthesis, free radical scavenging and protein binding studies. *RSC Advances*, 10, 21914-21932 <https://doi.org/10.1039/D0RA04102E>
- Kumari, R., Singh, M. (2020). Photocatalytic Reduction of Fluorescent Dyes in Sunlight by Newly Synthesized Spiroindenoquinoline Pyrrolizidines. *ACS Omega*, 36, 23201–23218, <https://doi.org/10.1021/acsomega.0c02976>
- Gupta, R., Singh, M. (2021). Physicochemical properties of sustainable capped ZnO-Dendrimer nanocomposite with aqueous DMSO interfaces from 298.15–313.15 K. *Journal of Molecular Liquids*, 322, 114936, <https://doi.org/10.1016/j.molliq.2020.114936>
- Malik, P., Maktedar S., Avashthi, G., Mukherjee, T., Singh, M. (2020). Robust curcumin-mustard oil emulsions for pro to anti-oxidant modulation of graphene oxide. *Arabian Journal of Chemistry*, 13, 4606-4628, <https://doi.org/10.1016/j.arabjc.2019.10.011>
- Al-Enizi, A. M., Ubaidullah, M., and Kumar, D. (2021). Carbon quantum dots (CQDs)/CE doped NIO nanocomposite for high performance supercapacitor. *Materials Today Communications*, 27, 102340. <https://doi.org/10.1016/j.mtcomm.2021.102340>
- Nemiwal, M., and Kumar, D. (2021). TiO₂ and SiO₂ encapsulated metal nanoparticles: Synthetic strategies, properties, and photocatalytic applications. *Inorganic Chemistry Communications*, 128, 108602 <https://doi.org/10.1016/j.inoche.2021.108602>
- Nemiwal, M., Gosu, V., Zhang, T. C., and Kumar, D. (2021). Graphene-Based Electrocatalysts Hydrogen Evolution Reactions and Overall Water Splitting. *International Journal of Hydrogen Energy*, 46, 21401-21418. <https://doi.org/10.1016/j.ijhydene.2021.04.008>
- Nemiwal, M., Zhang, T. C., and Kumar, D. (2021). Recent progress in g-C₃N₄, TiO₂ and ZnO based photocatalysts for dye degradation: Strategies to improve photocatalytic activity. *Science of The Total Environment*, 767, 144896. <https://doi.org/10.1016/j.scitotenv.2020.144896>

- Sharma, N., Kumar, D., Shrivastava, R., Shrivastava, S., and Awasthi, K. (2021). Synthesis and spectral studies of lanthanide metal tetraaza macrocyclic complexes. *Materials Today: Proceedings*, 42, 1760-1765. <https://doi.org/10.1016/j.matpr.2020.12.1225>
- Nemiwal, M., Gosu, V., Zhang, T. C., and Kumar, D. (2021). Metal organic frameworks as electrocatalysts: Hydrogen evolution reactions and overall water splitting. *International Journal of Hydrogen Energy*, 46, 10216-10238. <https://doi.org/10.1016/j.ijhydene.2020.12.146>
- Nemiwal, M., and Kumar, D. (2021). Recent Progress on Electrochemical Sensing Strategies as Comprehensive Point-Care Method. *Monatsh Chem*, 152, 1-18. <https://doi.org/10.1007/s00706-020-02732-0>
- Nemiwal, M., Subbaramaiah, V., Zhang, T. C., and Kumar, D. (2021). Recent advances in visible-light-driven carbon dioxide reduction by metal-organic frameworks. *Science of The Total Environment*, 762, 144101. <https://doi.org/10.1016/j.scitotenv.2020.144101>
- Ubaidullah, M., Al-Enizi, A. M., Ahamad, T., Shaikh, S. F., Al-Abdrabalnabi, M. A., Samdani, M. S., Kumar, D., Alam, M. A., and Khan, M. (2021). Fabrication of highly porous N-doped mesoporous carbon using waste polyethylene terephthalate bottle-based MOF-5 for high performance supercapacitor. *Journal of Energy Storage*, 33, 102125 <https://doi.org/10.1016/j.est.2020.102125>
- Nemiwal, M., Sharma, V., and Kumar, D. (2021). Improved designs of Multifunctional covalent-organic frameworks: Hydrogen storage, methane storage and water harvesting. *Mini-Reviews in Organic Chemistry*, 18, <https://doi.org/10.2174/1570193X17999201127105752>
- Nemiwal, M., and Kumar, D. (2020). Metal organic frameworks as water harvester from air: Hydrolytic stability and adsorption isotherms. *Inorganic Chemistry Communications*, 122, 108279 <https://doi.org/10.1016/j.inoche.2020.108279>
- Nehra, S., Dhillon, A., and Kumar, D. (2020). Freeze-dried synthesized bifunctional biopolymer nanocomposite for efficient fluoride removal and antibacterial activity *Journal of Environmental Sciences*, 94, 52-63. <https://doi.org/10.1016/j.jes.2020.03.047>
- Desai, S. K., Mondal, D., Bera, S. (2021). Polyurethane-functionalized starch nanocrystals as anti-tuberculosis drug carrier. *Scientific reports*, 11, 8331. <https://doi.org/10.1038/s41598-021-86767-1>
- Kumar, A., Bera, S., Singh, M., Mondal, D. (2021). Molecular Interactions of Silica Nanoparticles and Biomolecule-Functionalized Silica Nanoparticles with *Bixa orellana* L. Plant DNA. *Silicon*, 13, <https://doi.org/10.1007/s12633-020-00913-4>
- Rathod, R. V., Bera, S., Mondal, D. (2020). 5'-Hydroxymethyl fluorescein: A colorimetric chemosensor for naked-eye sensing of cyanide ion in a biological fluid. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 238, 118419. <https://doi.org/10.1016/j.saa.2020.118419>

- Desai, S. K., Mondal, D., Bera, S. (2020). First-line anti-tuberculosis drugs-loaded starch nanocrystals for combating the threat of *M. tuberculosis* H37Rv strain. *Carbohydrate Research*, 495, <https://doi.org/10.1016/j.carres.2020.108070>
- Limbani, B., Bera, S., Mondal, D. (2020). Synthetic advancement of neuraminidase inhibitor “Tamiflu”. *ChemistrySelect*, 5, 6083-6122. <https://doi.org/10.1002/slct.202000675>
- Rathod, R. V., Mondal, D., Bera, S. (2020). Mechanochemical synthesis of fluorescein-based receptor for CN⁻ ion detection in aqueous solution and cigarette smoke residue *Analytical and bioanalytical chemistry*, 412, 3177–3186. <https://doi.org/10.1007/s00216-020-02573-0>
- Rathod, R. V., Bera, S., Maity, P., Mondal, D. (2020). Mechanochemical Synthesis of a Fluorescein-Based Sensor for the Selective Detection and Removal of Hg²⁺ Ions in Industrial Effluents, *ACS omega*, 10, 4982–4990. <https://pubs.acs.org/doi/10.1021/acsomega.9b03885>
- Vasantha, R., Lenin, D. V., Rao, L. C., Kumar, N. S. (2020). Water Extract of Lemon (WEL) as a promoter: Green and Regioselective Synthesis of Alkyl-4-(1H-indol-3yl)-2-alkyl-4H-chromene-3-carboxylates Using 4H-chromenes and Indoles. *ChemistrySelect*, 5, 14004-14007 <https://doi.org/10.1002/slct.202003542>
- Satam, N., Nemu, S., Gururaja, G. N. and Namboothiri, I. N. N. (2020). Substrate-oriented selectivity in the Mg-mediated conjugate addition of bromoform to electron-deficient alkenes. *Organic and biomolecular chemistry*, 29, 1477-0520, 1477-0539. <https://doi.org/10.1039/D0OB00599A>
- Vankar, J. K., Gupta, A., Jadav, J. P., Nanjegowda, S. H. and Gururaja, G. N. (2021). Thioamidation of dibromoalkene in aqueous medium. *Organic and biomolecular chemistry*, 11, <https://doi.org/10.1039/D0OB02319A>

Books published as Author

- Kumar, D. (2021). *Nanocellulose and its Composites for Water Treatment Applications*. CRC Press and Taylor and Francis Group
- Chatterjee, B., Bhamboo, P., Mondal, D., and Bera, S. (2020). *Carbon-Heteroatom Bond Formation for Medium Ring Heterocycles*. Book: *Advances in Organic Synthesis*. Bentham Science Publishers
- Limbani, B., Mondal, D., Bera, S. Sonochemical protocol for protection and deprotection of functional groups in organic synthesis. Book: *Green Sustainable Process for Chemical and Environmental Engineering and Science: Sonochemical Organic Synthesis*. Elsevier publishers.

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Dinesh Kumar, Invited speaker on Bonding Theories of Coordination Compounds. Online Refresher Course in Chemistry, Organized by Department of Chemistry, Gujarat University, Ahmedabad, October 8, 2020.
- Dinesh Kumar, Invited speaker on Importance and Application of Coordination Chemistry. One-week advanced level bridge course, Chemistry at Department of Chemistry, Ganpat University, Gandhinagar, September 6, 2020.
- Dinesh Kumar, Invited speaker on Coordination Compounds: A Journey of Metal-Ligand Bonding in Coordination Compounds. Recent Advances in Chemical Sciences, Human Resource Development Centre (HRDC), Dr. H. S. Gour University (A Central University), Sagar M.P. in Online Refresher Course in Chemistry, 17th August 2020 to 29th August 2020 on August 20, 2020.
- Dinesh Kumar, Invited lecture on Introduction of Mossbauer Spectroscopy, Department of Chemistry, Shri UP Arts, Smt. M G Panchal Science & Shri V L Shah Commerce College, Pilvai, Gujarat, March 6, 2021.
- Dinesh Kumar, Invited lecture on Parameters of Mossbauer Spectroscopy, Department of Chemistry, Shri UP Arts, Smt. M G Panchal Science & Shri V L Shah Commerce College, Pilvai, Gujarat, February 13, 2021.
- Dinesh Kumar, Invited lecture on Applications of Mossbauer Spectroscopy, Department of Chemistry, Shri UP Arts, Smt. M G Panchal Science & Shri V L Shah Commerce College, Pilvai, Gujarat, February 6, 2021.
- Dinesh Kumar, Invited lecture on $d\pi$ - $p\pi$ bonding, Department of Chemistry, Banasthali Vidyapith, Rajasthan, December 12, 2020.
- Dinesh Kumar, Invited lecture on Walsh Diagram, Department of Chemistry, Banasthali Vidyapith, Rajasthan, December 2, 2020
- Dinesh Kumar, Invited lecture on Metal Carbonyls and VSEPR Theory, Department of Chemistry, Amity University Noida, October 15, 2020
- Dinesh Kumar, Invited lecture on UV-Vis Spectroscopy (two lectures), Department of Chemistry, HNGU, Patan, Gujarat, May 13 & 14, 2020
- Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):
- Dinesh Kumar Chaired a scientific session in International Conference on Recent Innovations in Cleaner Technologies organized by ChED, MNIT Jaipur in virtual mode from 8-9 March 2021.

Participation in training/ orientation/refresher programme

- Panchami Prabhakaran attended the Orientation programme from 28th-17th July for 21 days, Mizoram university.
- Panchami Prabhakaran attended the faculty development programme from 14th – 17th & 19th September 2020 for 5 days, Maulana Abdul Kalam Azad University of Technology.
- Panchami Prabhakaran attended the faculty development programme from 12th – 19th October 2020 for one week, IIT Guwahati.

Research projects undertaken

- Man Singh, Development of graphene-based advanced functional electrocatalysts for energy applications, UGC-DAE CSR, Indore, 10 lakhs for 3.5 years (Ongoing)
- Dinesh Kumar, Low Cost-Renewable Energy Driven (LC-RED) Water Treatment Solutions Centre, Department of Science and Technology, Government of India, New Delhi, 42,02,800/- for 5 years (ongoing).
- Dhananjay Mondal, Asymmetric Synthesis of Small Molecule Inhibitors of Caspase-1: (–)-Berkeleyamide A and its Analogues, UGC, 10 lakhs for 2 years (ongoing).
- D. V. Lenin, Development of novel methodologies for the synthesis of heterocyclic and carbocyclic compounds using Baylis-Hillman adducts. UGC, 10 lakhs for 2 years (ongoing).
- G. N. Gururaja, F-A gauche effect: exploration of asymmetric reactions, UGC, 10 lakhs for 2 years (ongoing).
- G. N. Gururaja, Conformation control via Fluorine ammonium ion gauche effect: exploration of asymmetric synthesis, SERB, 55 lakhs for 3 years (ongoing).
- G. N. Gururaja, Enantioselective fluorination and domino cyclisation reaction, CSIR, 29 lakhs for 3 years (ongoing).
- Panchami Prabhakaran, Synthetic oligomers as biomimetic molecules, UGC, 10 lakhs for 2 years (ongoing).
- Panchami Prabhakaran, Synthetic oligomers as inhibitors of DNA-protein interactions: towards novel cancer therapeutics, SERB, 43.37 lakhs for 3 years (ongoing).

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2020-21)
Singh Man	PhD	08
	MPhil	01
Kumar Dinesh	MPhil	01
Mondal Dhananjay	PhD	01
Lenin D. V.	PhD	01
	MPhil	01
Prabhakaran Panchami	MPhil	01

Participation of faculty in university governance as members of Committee or holding additional responsibilities.

Prof. Man Singh

- Dean, SCS
- Member of the academic council
- Liaison Officer of OBC Cell, CUG
- Chairperson of ARC committee, CUG
- Committee for Research and Innovation for Central Universities, Chairman
- Committee for Research and Innovation for Central Universities, School of Social Sciences, Convener
- Member of Staff Grievance Redressal Committee
- Member of University Building Committee, CUG
- Member of CASR Committee, SESD, CUG
- Member of the committee for renewing the DSIR Certificate
- Member of convocation committee
- Standing Committee for Scrutiny of the Pilot Project, Chairman
- Technical Committee for evaluation of technical specification of scientific equipment's, Chairman
- Committee for Procurement of Scientific Lab Equipment, Member

Prof. Dinesh Kumar

- Member of admission committee
- Member of technical committee of scientific purchase committee
- Member of convocation committee
- Member of CASR of SCS, SNS and SESD
- Member of committee for submission of report Triptote MOU-CUG, UGC, and MoE
- Convener of School level committee to undertake the AAA exercise
- Nodal Officer of CIF

- Member of committee for physical verification of Stock
- Member of Institutional implementation committee for SWAYAM

Dr. Dhananjay Mondal

- Member of Board of Studies, IRD, GFSU
- Member of CASR, SCS, CUG
- Nodal person in SCS for SWAYAM
- Nodal person in SCS for SCS Alumni Association
- In-charge for TGA and Elemental analyzer in CIF, CUG
- External examiner and question paper setter in chemistry, IRD, GFSU

Dr. Lenin D. V.

- Member Board of Studies in SCS.
- Member in faculty in-charge, CIF.
- Faculty in-charge for placement cell, SCS.
- Boys hostel warden.

Dr. Gururaja G. N.

- Purchase officer, SCS and CIF
- In charge of instruments in CIF: NMR, Single crystal XRD, IR spectroscopy.

Dr Panchami Prabhakaran

- Project Cell, Member

School of Education

About the School

School of Education was established in 2017. It offers a flagship programme of the University- M.Ed., M.Phil. and Ph.D. programmes in Education. These programmes aim to equip students with the requisite academic and professional skills in Education and teacher education. The courses offered by School of Education aim at helping the students to explore the most challenging and exciting questions in educational research, policy, and practice and enable them to shape the future world with the transformative power of education. It would prepare experienced teacher educators for performing various roles in schools, non-profit organizations, government agencies, and beyond. The school is committed to advancing diversity, equity, and inclusion across our curriculum, in our classrooms and in our campus culture.

The School of Education was awarded prestigious funding under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) by the Department of Higher Education, Ministry of Human Resource Development, Government of India in the academic year 2019-20. Under the scheme, 9 Completed Minor Research Projects (MRPs) report has been received from faculty members and policy makers of the HEIs.

Under this scheme, the school has two Centres:

1. Centre for Policy Research in Education
2. Centre for Professional Development of Teacher Educators

Faculties at the School of Education:

Prof. H. B. Patel, Professor and Dean

Areas of Interest: Educational Research, Educational Leadership, Administration & Management, Educational Evaluation & Measurement, ICT in Education, Women Education, Teacher Education, Language Education, International & Comparative Education and Entrepreneurship Education, Gender Education, Educational Policy Research, Meta Analyses.

Dr. Jayendrakumar N. Amin, Associate Professor

Areas of Interest: Second Language Research, Learning & Instruction, Educational Psychology, Teacher Education, Elementary Education, ICT in Education, Instructional Technology, Qualitative Research and Educational Evaluation & Measurement.

Dr. G. R. Angadi, Associate Professor

Areas of Interest: Educational Technology, ICT in Education, Action Research, Science Education and Teacher Education.

Dr. Y. Vijaya Lakshmi, Assistant Professor

Areas of Interest: ICTE, Educational Psychology; Elementary Education; Teacher Education

Dr. Shankar Lal Bika, Assistant Professor (On lien)

Dr. Shamim Aara Hussain, Assistant Professor

Areas of Interest: Educational Psychology, Educational Technology and Science Education.

Dr. Shilpa S. Papat, Assistant Professor

Areas of Interest: Environmental and Science Education, Educational Measurement and Evaluation.

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Amin, J.N. (2019). Synthesis of knowledge and interdisciplinary research in higher education - Indian Scenario. *International Journal of Research in Humanities and social Sciences*, 7(4), 56-58.
- Rathod, V. D., & Amin, J. N. (2020). Mathematics teaching learning strategy for mathematical reasoning: a critical review of past studies. *International Journal of Indian Psychology*, 8(3), 1622-1630. DOI:10.25215/0803.165
- Patel, D., & Amin, J.N. (2020). Prathamik Shalana Acharyoni sanchalan maanyatao ane netruti vartanno abhyas [Gujarati]. *International Journal of Research in all Subjects in Multi languages*, 8 (09), 8-13.
- Rathod, V.D., & Amin, J.N. (2020). Effectiveness of Mathematics Laboratory Based Teaching Learning Programme with reference to Achievement of standard VIII students in Mathematics. *International Journal of Research in all Subjects in Multi languages*, 8 (11), 8-13.
- Amin, J.N. (2021). Modalities as reflected in National Education Policy 2020 for imparting Value Education. *International Journal of Research in all Subjects in Multi languages*, 9 (01), 10-12.
- Holagundi, B. B., & Angadi, G. R. (2020). Basavannavara Vachanagalalli Samajika Nelegalu [Kannada], *Shikshana Soudha*, 10(1). 64-66, 74.
- Holagundi, B. B., & Angadi, G. R. (2020). Basavannavara Vachanagalalli Looka Shikshana Ondu Vishleeshanatmaka Adhyayana [Kannada], *Shikshana Soudha*, 9(4). 26-29.
- Bantanur, R. M., & Angadi, G. R. (2020). E-Governance Implementation: Challenges in Teacher Education, *Dimensions of Education*, 10(1). 53-58.
- Talawar, R. N., & Angadi, G. R. (2020). Geographic Information System in Teaching Geography: A Meta-analytic Study, *Online International Interdisciplinary Research Journal*, 10(Spl). 60-66.
- Hegadi, P. S., & Angadi, G. R. (2020). Blended Learning in 5E's Model, *International Journal of Research in Social Sciences*, 10(11). 122-129.
- Angadi, G. R. (2020). Effect of Leadership Styles on School Climate, *International Journal of Recent Scientific Research*, 11(11), 40104-40108. <https://dx.doi.org/10.24327/ijrsr.2020.1111.5630>

- Ishita Jhala, & Angadi, G. R. (2021). School Internship Programme: Inclusion of Prospective Teachers to Become Professional, 8(1), 57-63.
- Gogia, N., & Vijaya Lakshmi, Y. (2021). Relationship between Research Supervisor and Doctoral Students. *EduInspire*, 8(1). 62-71.
- Majid, I., & Vijaya Lakshmi, Y. (2021). Analysis of university websites: A study. *Research and Reflections on Education*, 18(02B). 11-15.
- Gogia, N., & Vijaya Lakshmi, Y. (2020). Supervision practices in doctoral education: what are the concerns and how can we improve? *Shodh Sarita*, 7(28). 114-119.

Papers published in edited volume

- Angadi, G. R. (2020). Perceptions of Reality: a Paradigm Shift. In V. Sharmila (Ed.) *Cyber Psychology in the Tech-fed Virtual World* (Monograph). (pp.240-242). Lulu.com 3101, Hillsborough St., Raleigh, NC 27607, United States.
- Bantanur, R.M., & Angadi, G. R. (2020). Smart Work for Smart people: An overview of E-Governance. In V. Sharmila (Ed.) *Cyber Psychology in the Tech-fed Virtual World -* (Monograph). (pp.105-108). Lulu.com 3101, Hillsborough St., Raleigh, NC 27607, United States.
- Angadi, G. R. (2020). The Possible Ways for Flexible Learning in Digital World during COVID19 Outbreak. In P. C. Nagasubramani (Ed.) *E-Pedagogy for the Digital Age* (Monograph). (pp. 37-41). Lulu.com 3101, Hillsborough St., Raleigh, NC 27607, United States.
- Bantanur, R.M., & Angadi, G. R. (2020). E-Governance Initiatives in teacher Education Institutions (TEI's): A Note. In P. C. Nagasubramani (Ed.) *E-Pedagogy for the Digital Age* (Monograph). (pp. 183-187). Lulu.com 3101, Hillsborough St., Raleigh, NC 27607, United States.
- Kurabet, R.I., & Angadi, G. R. (2020). Active Learning with Information and Communication Technology. In P. C. Nagasubramani (Ed.) *E-Pedagogy for the Digital Age* (Monograph). (pp. 263-268). Lulu.com 3101, Hillsborough St., Raleigh, NC 27607, United States.
- Popat, S. S. (2021). Analytical Review of Government Initiative Related to Girls Education, IQAC, Dept of Education, CASE, MSU, Vadodara.

Books published as author

- Amin, J.N. & Patel, R.N. (2021). *Environmental Education* (Gujarati). RET

Papers presented at international seminar/webinar/conference/workshop, etc.

- Angadi, G. R. The Ways for Boosting STEM Learning. *EDUCON 2020 Virtual International Akhand Conference on Organizing by School of Education, Central University of Punjab, Bhatinda*, in Collaboration with GERA, held on 7th & 8th Jan., 2021

- Angadi, G. R. The Possible Ways for Flexible Learning in Digital World during COVID19 Outbreak. International Online Seminar on E-Pedagogy for the Digital, Organizing by Tamil Nadu Teachers Education University, Chennai, held on 14th & 15th May, 2020
- Angadi, G. R. Perceptions of Reality: a Paradigm Shift. International Online Conference on Cyber Psychology in the Tech-fed Virtual World, Organizing by Tamil Nadu Teachers Education University, Chennai, held on 16th & 17th June, 2020
- Bantanur, R.M., & Angadi, G. R. Smart Work for Smart people: An overview of E-Governance. International Online Conference on Cyber Psychology in the Tech-fed Virtual World, Organizing by Tamil Nadu Teachers Education University, Chennai, held on 16th & 17th June, 2020
- Bantanur, R.M., & Angadi, G. R. E-Governance Initiatives in teacher Education Institutions (TEI's): A Note. International Online Seminar on E-Pedagogy for the Digital, Organizing by Tamil Nadu Teachers Education University, Chennai, held on 14th & 15th May, 2020
- Kurabet, R.I., & Angadi, G. R. Active Learning with Information and Communication Technology. International Online Seminar on E-Pedagogy for the Digital, Organizing by Tamil Nadu Teachers Education University, Chennai, held on 14th & 15th May, 2020
- Chakma C., & Vijaya Lakshmi, Y. "Indian and Western view on Spiritual Intelligence"; Psychological Well-Being: Bio-Psycho-Social Spiritual Influences; Department of Psychology, Punjab University, Patiala; 18th - 20th February 2021
- Vijaya Lakshmi, Y., & Majid, I. "Are Higher Education Faculty members ready for eLearning?" 'Education Beyond Face to Face Mode :Opportunities and challenges' IUCTE, Department of Education and Psychology, The Maharaja Sayajirao University, Baroda, Vadodara, Gujarat, India; 25th - 27th March 2021

Papers presented at national/regional level seminar/webinar/conference/ workshop, etc.

- Onima Dakpe & Vijaya Lakshmi, Y. School Readiness and an Overview of its Dimensions. Education in Information Era: Concerns, Challenges and Innovations; Children's University, Gandhinagar; March 20-21, 2021
- Majid, I. & Vijaya Lakshmi, Y. "Factors to measure eLearning readiness among students; Education in Information Era: Concerns, Challenges and Innovations; Children's University, Gandhinagar; March 20-21, 2021
- Hussain, S. A. & Singh, V. Challenges in Bilingual Teaching among the Teachers of Teacher Education Institution, National conference on Teacher Education in the 21st Century: Vision and Action, Regional Institute of Education, Bhopal, March 8-10, 2021

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Patel, H. B. 'Awareness Programme on National Education Policy (NEP) 2020' (26.09.20) organized by UBA (Unnat Bharat Abhiyan), Central University of Gujarat.
- Amin, J. N. Methods and Strategies in imparting Value Education. Refresher course on Value Education (Online) (2020). HRDC, Gujarat University Ahmedabad (Resource person).
- Angadi, G. R. The Scheme of PMMMMNTT (Session-1). Refresher Course held Online at UGC-HRDC, Mysore University, Mysore, on 10.10.2020, Invited, Resource Person.
- Angadi, G. R. Online Social Network Options for Teacher Educators (Session-2). Refresher Course held Online at UGC-HRDC, Mysore University, Mysore, on 10.10.2020, Invited Resource Person.
- Angadi, G. R. Massive Open Online Courses (Session-1). Refresher Course held Online at UGC-HRDC, Mysore University, Mysore, on 12.10.2020, Invited Resource Person.
- Angadi, G. R. Advanced Education through SWAYAM (Session-2). Refresher Course held Online at UGC-HRDC, Mysore University, Mysore, on 12.10.2020, Invited Resource Person.
- Angadi, G. R. Micro Teaching Practice & Evaluation. Faculty Induction Programme (FIP, 23rd Oct. to 19th Nov. 2020) held Online at UGC-HRDC, Mysore University, Mysore, on 24.10.2020, Invited Resource Person.
- Angadi, G. R. SWAYAM- Study Web of Active and Aspiring Minds. Faculty Induction Programme (FIP, 23rd Oct. to 19th Nov. 2020) held Online at UGC-HRDC, Mysore University, Mysore, on 26.10.2020, Invited Resource Person.
- Angadi, G. R. MOOCs – Massive Open Online Courses. Faculty Induction Programme (FIP, November 8 -December 17. 2020) held Online at UGC-HRDC, Bharatidasan University, Trichy, on 11.12.2020 2-Session, Invited Resource Person.
- Hussain, S. A. Children with Special Needs and their Education, Guest Lecture organized by Maa Narmada College of Education, 26.04.2021, Expert.
- Popat, S. S. Teaching as Profession at CUTN. 27.03.2021

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):

- Patel, H. B. 'A National Webinar on the National Education Policy 2020 in the areas of Teacher Education and School Education'(16.09.2020) organised by Sabarmati University (formerly known as Calorx Teachers' University) in association with CELNET organizes as a Keynote Speaker.

- Patel, H. B. 'Awareness Programme on National Education Policy (NEP) 2020' (26.09.20) organized by UBA (Unnat Bharat Abhiyan), Central University of Gujarat as an Expert.
- Patel, H. B. 'A Two Days' Workshop in a Research study "A Study of the Progress of School Curriculum Development adopted by Select Nations in the Light of Inclusive and Equitable School Education" (22& 23.03.21) organised by Department of Curriculum studies, NCERT, New Delhi as a Resource Person.
- Patel, H. B. 'School Curriculum: National and International Researches' (06.08.20) organized by Department of Curriculum studies, NCERT, New Delhi as a Resource Person.
- Patel, H. B. '3rd National Webinar Lecture Series- Tools for Collecting Qualitative Data' (26.08.20) organised by Department of Education, Sambalpur University Odisha as a Resource Person.
- Patel, H. B. '3rd National Webinar Lecture Series- Tools for Collecting Qualitative Data' (26.08.20) organised by Department of Education, Sambalpur University Odisha as a Resource Person.
- Patel, H. B. '5 Days National Level Online Orientation Programme- Meta Analyses in Social Sciences' (30.08.20) organised by National Psychological Corporation (Agra) in academic collaboration with Tripura University as a Resource Person.
- Patel, H. B. CUG, Unveiling of INFLIBNET, Learning Management System (LMS) held on online (07.07.2020) digitally participated.
- Patel, H. B. One Day National Webinar entitled 'Re-Orienting to the Indigenous Education: From KG to PG' (25.05.2020), Convener.
- Patel, H. B. One Day International Webinar entitled 'Technological Interventions in Educational Practices' (26.05.2020), Convener.
- Patel, H. B. One Day National Webinar entitled 'Teacher Education: Challenges & Prospects' (27.05.2020), Convener.
- Patel, H. B. One Day International Webinar entitled 'Paradigm Shifts in Research Trends' (28.05.2020), Convener.
- Patel, H. B. One Day Special Invited Lecture on 'Vision of Bharat Ratna Lal Bahadur Shastri for making India Self-Reliant' (29.05.2020), Convener.
- Patel, H. B. National Seminar on 'Madan Mohan Malaviya and Atal Bihari Vajpayee Nationalism and National Education Policy 2020' (30.12.2020); Convener.
- Patel, H. B. Quiz on "Indian Constitution" (26.11.2020), Organiser.
- Patel, H. B. Quiz on "National Education Policy"; (05.09.2020), Organiser.
- Patel, H. B. Online Conference on 'Translation in the Modern World and the Modern World in the Translation' (29.12.2020), Organiser.
- Patel, H. B. One Day Seminar on 'Madan Mohan Malaviya and Atal Bihari Vajpayee Nationalism and National Education Policy 2020' (30.12.2020), Organiser.

- Patel, H. B. Round table Discussion on 'Making of New India: Prospects and Perspectives on Implementation of National Education Policy-2020, (08.01.2021), Organiser.
- Patel, H. B. Online workshop on 'Redefining Teacher Education & Rethinking Teaching and Learning' (19.03.2021), Organiser.
- Patel, H. B. Online workshop on a Pioneering teaching Method called 'Let's Play Boomshackers' Learn English through Music and Play, (24.03.2021), Organiser.
- Patel, H. B. Online workshop on 'Raising a Personality in the Educational Process' (25.03.2021)
- Patel, H. B. Two Days Webinar on Building Knowledge Society through Pedagogy and Curriculum Innovations with Reference to National Education Policy 2020, (15&16.09.2021) organised by SSS & SE, CUG in collaboration with Akhil Bhartiya Rashtriya Shaikshik Mahasangh (ABRSM) – Delhi as Organiser.
- Amin, J. N. National webinar on 'Dr. Ambedkar: Education and Social Justice' (13-14.04.2020) digitally participated.
- Amin, J. N. Virtual National Conference on 'Bharat Ratna Dr. Babasaheb Ambedkarji's Life, Thoughts and Social Harmony' (14.04.2020) Participated digitally.
- Amin, J. N. National webinar on 'How to Stay Happy in Uncertainty' (22.04.2020) digitally participated.
- Amin, J. N. National webinar on 'Benchmarks of research' (15.05.2020) digitally participated.
- Amin, J. N. National webinar on 'Cybergogy for 21st century classrooms' (18.05.2020 to 19.05.2020) digitally participated.
- Amin, J. N. National webinar on 'Art of parenting and child care' (19.05.2020) digitally participated.
- Amin, J. N. 4th National teachers Congress (Virtual) on 'National education policy 2020: Opportunities unlocked' (15th to 18th Dec. 2020) Participated digitally.
- Angadi, G. R. CUG, Unveiling of INFLIBNET, Learning Management System (LMS) held on online on 7th July, 2020, digitally participated.
- Angadi, G. R. One Day National Webinar entitled 'Re-Orienting to the Indigenous Education: From KG to PG' held on May 25, 2020, Organizing Secretary.
- Angadi, G. R. One Day International Webinar entitled 'Technological Interventions in Educational Practices' held on May 26, 2020, Organizing Secretary.
- Angadi, G. R. One Day National Webinar entitled 'Teacher Education: Challenges & Prospects' held on May 27, 2020, Organizing Secretary.
- Angadi, G. R. One Day International Webinar entitled 'Paradigm Shifts in Research Trends' held on May 28, 2020, Organizing Secretary.
- Angadi, G. R. One Day Special Invited Lecture on 'Vision of Bharat Ratna Lal Bahadur Shastri for making India Self-Reliant' held on May 29, 2020, Organizing Secretary.

- Angadi, G. R. National Seminar on 'Madan Mohan Malviya and Atal Bihari Vajpayee Nationalism and National Education Policy 2020' held on 30th December, 2020; organizing committee.
- Angadi, G. R. 'International Webinar on Yoga as a means of Healthier Lifestyle during Corona Virus Pandemic' held on 22nd July, 2020, digitally participated.
- Angadi, G. R. Two days Virtual Panel Discussion on 'National Education Policy, 2020' held on 8th&-9th, August, 2020, digitally participated.
- Angadi, G. R. One Day National Webinar on 'New Education Policy (NEP 2020): Opportunities and Challenges' held on 11th, August, 2020, digitally participated.
- Angadi, G. R. National Webinar on 'Assessment and Evaluation in the present Scenario: Challenges and Strategies' held on 29th, May, 2020, digitally participated.
- Angadi, G. R. One-day National Webinar on National Education Policy-2020: Features & Prospects held on 2nd, August, 2020, digitally participated.
- Angadi, G. R. One day National Webinar on 'Effect of COVID-19 on Family and Society in India' held on 27th, May, 2020, digitally participated.
- Angadi, G. R. Two Days National Webinar on 'Contemporary Online Education-Sharing Experiences [kannada]' held on 26th & 27th, August, 2020, digitally participated.
- Vijaya Lakshmi, Y. National Seminar on Madan Mohan Malviya and Atal Bihari Vajpayee Nationalism and National Education Policy 2020 held on 30th December, 2020; Convener for the registration and certificate distribution.
- Vijaya Lakshmi, Y. Quiz on "Indian Constitution"; 26/11/2020; Convener
- Vijaya Lakshmi, Y. Quiz on "National Education Policy"; 5th September, 2020; Convener
- Hussain, S. A. International Webinar on Education Assessment, and Virtual World: A Social Philosophical Dialogue organised by the Department of Education, University of Delhi on May 9-10, 2020, Participant.
- Hussain, S. A. Eleven days Faculty Development Programme on Data Analysis Using SPSS organized by Indian Teachers Education Community in Collaboration with Sadbhavana College of Education for Women Vill. Jaladiwal, Ludhiana- Barnala Road, Raikot-141109 Punjab, 20th - 30th November 2020. Participant
- Hussain, S. A. National Seminar on Madan Mohan Malviya, Atal Bihari Bajpai, Nationalism and NEP 2020, Organized by School of Education, CUG, dated 30/12/2020. Participant and Organizer
- Hussain, S. A. "Data Analysis using SPSS", organised by Indian Teacher Education Community in Collaboration with Sadbhavana College of Education for Women, Raikot, Ludhiana, Punjab, from 26th January to 1st February 2021. Participant
- Hussain, S. A. 7 days Faculty Development Programme on "Data Analysis and Interpretation using SPSS", organised by Indian Teacher Education Community in Collaboration with Gulab

Bai Yadav Smriti Shiksha Mahavidyalaya, Borawan, Khargone from 1st to 7th March 2021.
Participant

- Hussain, S. A. Workshop on “Raising a Personality in the Educational Process” organized by School of Education, Central University of Gujarat on 25th March 2021. Participant

Participation in training/ orientation/refresher programme

- Amin, J. N. 5 Days Online Faculty Development Program (FDP) on Basics of R Programming, (Week programme) participated digitally.
- Angadi, G. R. 3 Days Faculty Development Programme (FDP) on ‘Teaching Learning through E-Learning Technologies(online mode only)’ from Apr 27-29, 2020, participated digitally.
- Vijaya Lakshmi, Y. ‘Artificial Intelligence and Machine Learning-Basics and Applications’ (Through Online Mode) (FDP) ;Dec 22-28, 2020, participation.
- Vijaya Lakshmi, Y. Refresher Course in Teacher Educators: Learning Outcomes and Educational Reform - Pedagogy, Assessment and Quality Assurance (Online Mode); 14th August, 2020 to 27th August, 2020.
- Vijaya Lakshmi, Y. SPSS, short term course; 16th to 30th October, 2020; participation.
- Hussain, S. A. Online Refresher Course in Teacher Educator School (Education) Organizes by UGC-HRDC, Gujarat University, Ahmedabad, from 07/09/2020 to 20/09/2020 (14 days), participation.
- Popat, S. S. 4th Gurudakshata Program, organized by UGC-HRDC, Gujarat University, Ahmedabad.

Research projects undertaken

- Vijaya Lakshmi, Y. ‘An assessment of the eLearning Readiness of Faculty members of Higher Education Institutions’; CPDTE, PMMMMNMTT; SE, CUG; 1,75,000/- one year, completed.

Honours and achievements such as prize, fellowship, award, patent rights, etc.:

- Angadi, G. R. Global Educational Research Association (GERA), conferred Best Paper Award for his presentation of paper entitled ‘The Ways for Boosting STEM Learning’, in Virtual International Akhand Conference, held at CUPB on January 7-8, 2021

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2020-21)
Prof. H. B. Patel	M.Phil. Ph.D.	1 4
Dr. Jayendrakumar N. Amin	Ph.D.	2
Dr. G. R. Angadi	Ph.D.	4

Y. Vijaya Lakshmi	M.Phil.	1
	Ph.D.	2
Dr. Shamim Aara Hussain	Ph.D.	2
Dr. S. S. Popat	Ph.D.	1

Academic collaboration and MoUs signed by the Centre (maximum 100 words)

- Department of Higher Education, Ministry of Human Resource Development, Government of India has approved a School of Education under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) scheme in Central University of Gujarat.
- Under the PMMMNMTT, School of Education has taken two centres:
 1. Centre for Policy Research in Education
 2. Centre for Professional Development of Teacher Educators

Extension, outreach and other similar activities undertaken by the Centre and its faculty

The School has organized various activities under PMMMNMTT project, independently, collaboratively / jointly with different schools and centres of CUG and other institutions of the country and abroad such as Quiz on “Indian Constitution”, and on “National Education Policy” on 5th September, 2020, celebration, Lecture and Video Un-veiling on “Teacher Day” and celebration, Lecture and Video Un-veiling on National Education Day.

Prof. H.B. Patel

- Member of scrutiny committee and subject expert at IITE, Gandhinagar.
- Member of scrutiny committee at Children University, Gandhinagar.
- Member in an interview committee of Gujarat University, Ahmedabad.
- Member of scrutiny committee and a subject expert at BAO University, Ahmedabad.
- Member of B.Ed. Admission Committee, BAO University, Ahmedabad
- Member of the Executive Council, IITE, Gandhinagar.
- Member of the Academic Council, IITE, Gandhinagar.
- Member of the Finance Committee, IITE, Gandhinagar.
- Member of the Board of Sports, IITE, Gandhinagar.
- Member of the Board of Studies, IITE, Gandhinagar.
- Member of the Research Council, IITE, Gandhinagar.
- Member of the Exam Center Fixation Committee, NIOS, Gandhinagar.
- Member of the TOC, NIOS, Gandhinagar.
- Ph.D. Guideship Evaluator, HNG University, Patan
- Extended service as an examiner of Ph.D. course work at IITE, Gandhinagar.
- External referee for the evaluation of Ph.D. work for HNG University, Kutch University, Punjab University, MS University of Baroda, Rai University, Gujarat University, GLS, Vishwa Bharati, GNDU, Punjab Uni and Saurashtra University.
- Member, School Board, School of Education, Mahatma Gandhi Central University of Bihar

- NCTE, VT Member.
- Member of Syllabus Review committee, IITE, Gandhinagar.
- Member of LIC, IITE, Gandhinagar.
- Member of Admission Committee, IITE, Gandhinagar.
- Member of Exam Fees Committee, IITE, Gandhinagar.
- Member of Academic and administrative Audit, Umiya Arts & Commerce College, Ahmedabad.
- Member of Board of Studies, Sabarmati University.
- Member of the Center of Education Council, IITE, Gandhinagar.
- Member of Ordinance/Rules & regulations regarding Modalities of Multidisciplinary subjects in Ph.D., BKNM University.
- Member of Committee for promotion from JRF to SRF, CUHP
- Member of Special Committee-Exam Paper, BAOU, Ahmedabad
- Member of Faculty selection Committee, The MS Uni of Vadodara
- Member of the Board of Language Education, IITE, Gandhinagar.
- Member of Selection Committee for Faculty, MGAHV, Wardha
- Member of Guideship Evaluator Committee, IITE, Gandhinagar
- RAC Member, KSKV University

Dr. Jayendra Amin

- Resource person in the UGC Sponsored 1st Online Refresher Course in Value Education (28/09/2020 to 11/10/2020) for University and College Professors at HRDC, Gujarat University, Ahmedabad.
- External expert in PhD progress report presentation of PhD Scholars in Faculty of education at SP University, VV Nagar on 8-9th February 2021.
- Conducted visit of teacher education institute in Maharashtra under NCTE, New Delhi.
- External referee for the evaluation of PhD theses of HNGU, Patan.

Dr. G. R. Angadi

- Resource person at UGC-HRDC/ASC, Mysore University, Mysore and UGC-HRDC/ASC, Bharatidasan University, Trichy.
- VT, Members NCTE.
- Member, BoS (M.Ed.) Gulbarga University, Kalaburagi.
- External examiner for the evaluation of PhD theses of Karnataka State Akkamahadevi Womens University, Vijayapur, Davangere University, Davangere, Kuvempu University, Shivamogga, Mangalore University, Mangalore, Gulbarga University, Kalaburagi and Karnataka University, Dharwad.

Participation of faculty in university governance as members of Committee or holding additional responsibilities

Prof. H.B. Patel

- Member of the executive Council, Central University of Gujarat
- Member of the Academic Council, Central University of Gujarat
- Member of the Court, Central University of Gujarat
- Dean of Student Welfare, Central University of Gujarat

- Public Relation Officer (PRO), Central University of Gujarat
- Member of the Committee of Admission Year 2020-21, Central University of Gujarat
- Observer of CUCET 2020-21
- Member of the University Purchase Committee, Central University of Gujarat
- Project Director, PMMMNMTT, School of Education, Central University of Gujarat
- Chairperson, School Board, SE, Central University of Gujarat
- Chairperson, CASR, Central University of Gujarat
- Project Planning and Implementation Committee (PPIC), under PMMMNMT, SE, CUG.
- Convener, PRO committee for 3rd convocation, CUG
- Member of School Board, SL&IS, CUG.

Dr. Jayendra Kumar Amin

- Estate Officer, CUG.
- Chairperson, Centre for Studies in Research and Education, SoE, CUG.
- Member, Academic Council, CUG.
- Member, Local Purchase Committee, CUG.

Dr. G. R. Angadi

- Member, Academic Council, CUG.
- Member, IQAC, Sub-committee, CUG.
- Project Coordinator, PMMMNMTT, SE, CUG.
- Member, CASR, SE, CUG.
- Member, Local Purchase Committee, SE, CUG.
- Member, Annual Report 2019-20, CUG
- Member, Hospitality Committee in CUG 3rd Convocation
- SWAYAM Coordinator, SE, CUG
- Nodal Officer, Alumni Cell, SE, CUG

Dr. Y. Vijaya Lakshmi

- Member of PRO Committee in CUG 3rd Convocation
- Member of Committee for constitution day celebration
- Member Secretary, Local Purchase Committee
- Invigilation for CUCET exam
- Local advisory committee member, CUG-UBA

Dr. Shamim Aara Hussain,

- Purchasing Officer of School of Education, CUG
- Member of International Student Cell as International Student Coordinator of CUG
- Member of various selection committees of CUG
- Member of Various committees of School of Education, CUG
- Member of CASR of School of Education, CUG.

School of Environment and Sustainable Development

About the School

Environment and Sustainability is a long-associated term that is woven into culture of human civilisation across globe. Developmental activities of human beings made changes in this and resulted in the present experiences of global warming, climate change, sea level rise, natural disasters and most recently, pandemic... covid-19.

Environmental Sciences and Sustainable development are designed to manage the available natural resources and reduce adverse effects on earth. Nanoscale to macro level contaminants and pollutants are added onto air, water and soil that need to be remediated so that the future generations of human and biodiversity can sustain on earth.

School of Environment and Sustainable Development is targeted to develop awareness among young minds, design possibilities of management and develop research designs that could benefit the community and follow what our tradition taught us:

“A Vedic prayer derived from Yajur Veda, a Sadhaka seek peace among all living beings. He seeks peace in every particle of Nature. He seeks peace and wellbeing of the whole Universe”.

Every year school organises seminars/ workshops and celebrates various specific days i.e., World Environment Day, International Biodiversity Day, Water Day, Earth Day etc. by different activities to disseminate knowledge about earth and significance of protecting the nature.

Programmes offered

1. Ph.D. in Environment and Sustainable Development
2. M.Sc. in Environmental Sciences

Faculties at the School level

Dr. Bhawana Pathak, Professor and Dean

Areas of Interests: Plant behaviour Ecology; Biodiversity conservation; Environmental Biotechnology/ nanotechnology; climate change

Dr. R. Y. Hiranmai, Professor

Areas of Interests: Bioremediation, Organic farming, Soil quality monitoring, Vermitechnology

Dr. Pallavi Sharma, Professor

Areas of Interests: Stress Biology of Plants, Molecular Environmental Biology, Environmental Biochemistry and Biotechnology, Phytoremediation

Dr. Rajesh Singh, Assistant Professor

Areas of Interests: Bio-electrochemical wastewater treatment, Pollution monitoring

Dr. Paulami Sahu, Assistant Professor

Areas of Interests: Hydrogeology; Groundwater modelling; Groundwater Management; GIS and Remote Sensing

Dr. Kumari Rina, Assistant Professor

Areas of Interests: Hydrogeology, Geochemistry, Water Resource Management, Natural resource management, remote sensing and GIS, Land use/Land cover studies

Dr. Dheeraj Rathore, Assistant Professor

Areas of Interests: Ecology, Stress Physiology, Waste utilization

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Khan, S. H., Pathak, B., & Fulekar, M. H. (2020). A study on the influence of metal (Fe, Bi, and Ag) doping on structural, optical, and antimicrobial activity of ZnO nanostructures. *Advanced Composites and Hybrid Materials*, 3(4), 551-569.
- Yadav, V. K., & Fulekar, M. H. (2020). Advances in methods for recovery of ferrous, alumina, and silica nanoparticles from fly ash waste. *Ceramics*, 3(3), 384-420.
- Dawane, V., & Pathak, B. (2020). Assessment of secondary metabolite profile and quantification method development for Lupeol and Caffeic acid by HPTLC in *Avicennia marina* pneumatophore roots. *Biocatalysis and Agricultural Biotechnology*, 26, 101573.
- Kumar, P., Fulekar, M. H., Hiranmai, R. Y., Kumar, R., & Kumar, R. (2020). 16S rRNA molecular profiling of heavy metal tolerant bacterial communities isolated from soil contaminated by electronic waste. *Folia Microbiologica*, 65(6), 995-1007.
- Singh, N. K., Kumari, P., & Singh, R. (2021). Intensified hydrogen yield using hydrogenase rich sulfate-reducing bacteria in bio-electrochemical system. *Energy*, 219, 119583.
- Kumar, M., & Singh, R. (2020). Installation of a bioelectrochemical system as a pre-cleaner in a constructed wetland with higher pollutant loading under continuous mode. *Environmental Science: Water Research & Technology*, 6(12), 3326-3340.
- Kumar, M., & Singh, R. (2020). Sewage water treatment with energy recovery using constructed wetlands integrated with a bioelectrochemical system. *Environmental Science: Water Research & Technology*, 6(3), 795-808.
- Yattoo, S. A., Sahu, P., Kalubarme, M. H., & Kansara, B. B. (2020). Monitoring land use changes and its future prospects using cellular automata simulation and artificial neural network for Ahmedabad city, India. *GeoJournal*, 1-22.
- Siddha, S., & Sahu, P. (2020). Status of seawater intrusion in coastal aquifer of Gujarat, India: a review. *SN Applied Sciences*, 2(10), 1-20.

- Siddha, S., & Sahu, P. (2020). Assessment of Groundwater Quality and Associated Human Health Risk of Central Gujarat, India. *CLEAN–Soil, Air, Water*, 48(12), 2000056.
- Maurya, P., & Kumari, R. (2021). Toxic metals distribution, seasonal variations and environmental risk assessment in surficial sediment and mangrove plants (*A. marina*), Gulf of Kachchh (India). *Journal of Hazardous Materials*, 413, 125345.
- Maurya, P., & Kumari, R. (2021). Spatiotemporal variation of the nutrients and heavy metals in mangroves using multivariate statistical analysis, Gulf of Kachchh (India). *Environmental Research*, 195, 110803.
- Kumari, P., Kumari, R., & Kumar, D. (2021). Geospatial approach to evaluate the morphometry of Sabarmati River Basin, India. *Arabian Journal of Geosciences*, 14(3), 1-13.
- Rathore, D., & Chaudhary, I. J. (2021). Effects of tropospheric ozone on groundnut (*Arachis hypogea* L.) cultivars: Role of plant age and antioxidative potential. *Atmospheric Pollution Research*, 12(3), 381-395.
- Chaudhary, I. J., & Rathore, D. (2021). Assessment of dose–response relationship between ozone dose and groundnut (*Arachis hypogaea* L) cultivars using Open Top Chamber (OTC) and Ethylenediurea (EDU). *Environmental Technology & Innovation*, 22, 101494.

Papers published in edited volume

- Kumari, P., Singh, J. K., & Pathak, B. (2020). Potential contribution of multifunctional mangrove resources and its conservation. In *Biotechnological Utilization of Mangrove Resources* (pp. 1-26). Academic Press.
- Mehrotra, S., & Pathak, B. Carbon Sequestration and Biofuel Production by Microalgae: An Integrated and Sustainable Approach.
- Rai, A., Fulekar, J., & Fulekar, M. H. (2020). Rhizospheric Microorganisms for the Remediation of Contaminants for Ecological Restoration. In *Plant Microbiome Paradigm* (pp. 163-174). Springer, Cham.
- Vaish, S., & Pathak, B. (2020). Bionano technological approaches for degradation and decolorization of dye by mangrove plants. In *Biotechnological Utilization of Mangrove Resources* (pp. 399-412). Academic Press.
- Siddiqui, M. A., & Hiranmai, R. Y. (2020). Microbial Procession During Decomposition of Organic Wastes. In *Environmental Microbiology and Biotechnology* (pp. 55-67). Springer, Singapore.
- Siddiqui, M. A., Hiranmai, R. Y & Vijayakumari, B. (2020). Bioconversion of Solid Organic Wastes and Molecular Characterization of Bacterial Population During the Decomposition Process. In *Microbes in Agriculture and Environmental Development* (pp. 107-140). CRC Press.

- Neeraj, A., & Hiranmai, R. Y (2020). Soil Quality Monitoring in Selected Regions of Raebareli, Uttar Pradesh, and the Relationship of Microbes in Soil Fertility Management. In *Microbes in Agriculture and Environmental Development* (pp. 25-48). CRC Press.
- Singh, S., & Hiranmai, R. Y. (2020). Role of Microbes in Bioremediation of Pollutants (Hydrocarbon) in Contaminated Soil. In *Microbes in Agriculture and Environmental Development* (pp. 265-294). CRC Press.
- Ravi, R. K., & Hiranmai, R. Y. (2021). Bioremediation: Efficient Technology to Combat Pesticide Pollutants in Environment. *Strategies and Tools for Pollutant Mitigation: Avenues to a Cleaner Environment*, 151.
- Kumar, M., Singh, N. K., & Singh, R. (2021). Application of constructed wetlands in degradation and detoxification of industrial effluents: challenges and prospects. In *Bioremediation for Environmental Sustainability* (pp. 43-82). Elsevier.
- Sahu, P. (2021). Source and Fate of Perchlorate in the Environment: A Grave Concern for World. In *Contaminants in Drinking and Wastewater Sources* (pp. 137-157). Springer, Singapore.
- Sahu, P. (2021). Policies and Legal Aspects of Environmental Management. *Environmental Management: Issues and Concerns in Developing Countries*, 343-367.
- Prasad, S., Rathore, D., & Singh, A. (2021). 11 Agricultural Waste Valorization: An Energy Production Perspective. *Bio-valorization of Waste: Trends and Perspectives*, 249.
- Garlapati, V. K., Sharma, S., & Sevda, S. (2021). Photosynthetic biogas upgrading: an attractive biological technology for biogas upgrading. In *Emerging Technologies and Biological Systems for Biogas Upgrading* (pp. 383-409). Academic Press.
- Singh, A., Rathore, D., Pant, D., & Srivastava, S. (2020). Perspectives of Environmental Microbiology and Biotechnology. In *Environmental Microbiology and Biotechnology* (pp. 1-16). Springer, Singapore.

Books published as author

- Singh, A., Srivastava, S., & Rathore, D. (2021). Environmental microbiology and biotechnology: volume 2: bioenergy and environmental health.
- Singh, A., Srivastava, S., Rathore, D., & Pant, D. (Eds.). (2020). *Environmental Microbiology and Biotechnology: Volume 1: Biovalorization of Solid Wastes and Wastewater Treatment*. Springer Nature.

Other Publications (Magazines, Newspapers, web portals)

- Proceeding of Virtual International Conference on Statistical Tools and Techniques for Research Data Analysis ICSTRDA 2021 21 & 22 January 2021 on 'Statistical Tools and Techniques for Research Data Analysis' (ICSTRDA -2021). (Eds Minaxi Parmar, Bhakti Gala, Rashmi Kumbar, Hiranmai and Paulami Sahu) ISBN: 978-81-950016-7-5 Published by Century Publications 46, Masih Garh, New Delhi-110025

Papers presented at international seminar/webinar/conference/workshop, etc.

- Bhawana Pathak, Covid 19: Impact on Environment, International Webinar on Energy and Environment organized by Department of Chemistry, Govt. MLB Girls PG College, Indore (MP) India. 14th July 2020.
- Hiranmai R.Y., Organic farming for saline-sodic soil management in Indo gangetic plain, Uttar Pradesh, 5th International Conference on Bioenergy, Environment and Sustainable Technologies (BEST2021), Arunai Engineering College, Tiruvannamalai, Tamilnadu, India. India January 29-30, 2021.
- Prashant Gokhlani, Swayam Siddha and Paulami Sahu - Application of Bayesian statistics to assess the aquifer vulnerability to groundwater pollution in and around Gandhinagar City, Gujarat, India, 2-days Virtual International Conference on 'Statistical Tools and Techniques for Research Data Analysis' (ICSTRDA-2021) organized by School of Library and Information Science, CUG, Gandhinagar, Gujarat, India on 21-22 January, 2021.
- Dheeraj Rathore, "Fertilization of textile effluent augmented with biosurfactant to sustain soil quality, nutrient availability and plant productivity". Fifth International Online Conference on Reuse and Recycling of Materials (Polymers, Wood, Paper, Leather, Glass, Metals, Ceramics, Semi-Conductors, Water etc) and their products (ICRM – 2020) organised by Mahatma Gandhi University, Kottayam, Kerala, India during 11, 12 and 13 December 2020.

Papers presented at national/regional level seminar/webinar/conference/ workshop, etc.

- Bhawana Pathak, Covid -19: Impact on Environment in One day National Webinar on Geographical and Socioeconomic Impacts of Covid -19 on Environment Industry and migrant labors organized by IQAC and Department of Geography, Matsyodari Shikshan Sansthas Ankushrao Tope College, Jalna on 11th July 2020.\
- Hiranmai, R.Y. Efficacy of microbes and their enzymes in soil quality improvement and sustainable development. National conference on Frontier Challenges and amelioration for Environment and Lifesciences. Government College, Bicchua, Madhyapradesh, on 16-17 May 2020.
- Swayam Siddha and Paulami Sahu - Potential impact of Climate Change on groundwater resources, 2-days National e-Seminar on 'Resilience of Groundwater resources for accommodating changing climate scenarios' organized by Indian National Chapter of International Association of Hydrogeologists, on 27-28 February 2021.

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Bhawana Pathak delivered lecture on Environmental Nanotechnology: An Emerging Green and Clean Technology for Sustainable Development” in 10th Refresher Course in Environmental Studies, organised through virtual mode on 19th February, 2021, as Resource Person.
- Bhawana Pathak delivered expert lecture on Role of Nano formulation in agriculture In BIIS Webinar SITARE BIIS: Opportunity for technology students to work on grassroots innovations. Organized by SRISTI (Society for Research and Initiatives for Sustainable Technologies and Institutions) in collaboration with BIRAC (Biotechnology Industry Research Assistance Council, Department of Biotechnology, Govt. of India) on 30th September, 2020, as Resource Person.

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):

- Bhawana Pathak, NITI HUNT: The Policy Drafting Competition on Reviving India's Lifelines: Rejuvenation of Rivers and Waterbodies, organized by Think India- NITIE Mumbai, on 30 January, 2021 as Judge.
- Bhawana Pathak – ICSTRDA- 2021 on 22nd January 2021, chaired session.
- Bhawana Pathak -participated in webinar series on Climate Change and Covid 19, organised by Climate Change Department, Govt of Gujarat & GEDA.
- Bhawana Pathak, Webinar on "Himalayan Biodiversity and Future Solutions" as panelist - on International Day for Biological Diversity, organised by G. B. Pant National Institute of Himalayan Environment Kosi- Katarmal, Almora (Uttarakhand), on 22nd May 2020 as participant.
- Bhawana Pathak participated in science communication in the time of COVID 19 webinar on Citizen Science organized by Gujarat Council on Science and Technology (GUJCOST), Govt. of Gujarat, Gandhinagar, on 10-16 May 2020 as participant.
- Bhawana Pathak participated in webinar on Citizen Science #learning from home learning lesson during Covid -19 # lockdown organized by Gujarat Council on Science and Technology (GUJCOST), Govt. of Gujarat, Gandhinagar, from 27April - 2 May 2020 as participant.
- R. Y. Hiranmai. Two-Days Virtual International Conference on ‘Statistical Tools and Techniques for Research Data Analysis’ (ICSTRDA -2021) by SLIS and SESD, Central University of Gujarat. from 21.01.2021 to 22.01.2021; Convener
- Dr. Paulami Sahu, 2 Days Virtual International Conference on Statistical Tools and Techniques for Research Data Analysis ICSTRDA 2021, 21 & 22 January 2021. CUG, Chair Session in Workshop R Markdown: Authoring Framework for Scholarly Communication Time 11.05 am to 12.00 pm, 22.01.2021).

- Dr. Paulami Sahu, 2 Days Virtual International Conference on Statistical Tools and Techniques for Research Data Analysis ICSTRDA 2021, 21 & 22 January 2021. CUG, Chair Session in Special presentation on Role of Data and Statistical Analysis for Assessment of Urban Water Security in the Global South by Subham Mukherjee, Trude Sundberg, Pradip Kumar Sikdar, Brigitta Schütt 22.01.2021).
- Dr. Paulami Sahu, Virtual International Conference on 'Statistical Tools and Techniques for Research Data Analysis' (ICSTRDA-2021) organized by School of Library and Information Science, CUG on 21 and 22 January 2021 acting as a member of Organizing Committee.

Participation in training/ orientation/refresher programme

- Bhawana Pathak, National Online Training Program on Collaborative Governance in Rural Volunteerism organised by NIRDPR, Hyderabad from 1-5 March 2021 as participant.
- R.Y.Hiranmai, TEQIP-III sponsored online workshop on Importance of Environmental Engineering and Climate Change, , Organized by Department of Civil Engineering National Institute of Technology Meghalaya, India; from March 12-16, 2021 as participant
- Rajesh Singh, STC on E-Content Development, from 28 May to 03 June 2020, as participant.
- Rajesh Singh, FDP on MOOCs and MOODLE Based Learning Management System, from 15-22, June 2020 as participant
- Rajesh Singh, FDP, managing online classes and Co-creating MOOCS 3.0, from July 25 to August 10, 2020 as participant.
- Dr. Paulami Sahu, Online Short-Term Course conducted by UGC-Human Resource Development Centre of Gujarat University from 28.05.2020 to 0.06.2020 as participant.
- Dr. Paulami Sahu, Online Short-Term Course conducted by Indira Gandhi University, Meerpur Rewari-Haryana from 15.06.2020 to 22.06.2020 as participant.
- Dr. Paulami Sahu, Faculty Development Programme conducted by Ramanujan College, Teaching learning center. Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, MHRD, New Delhi from 24.07.2020 to 10.08.2020 as participant.

Research projects undertaken

- Bhawana Pathak - Adoption determinants and socio-economic implications of residential solar photo voltaic technologies in Gujarat, Funding by Climate Change Department, Govt of Gujarat 10,09,000/- (July 2020 - June 2021) ongoing
- Rajesh Singh, Sustainable hydrogen production using Sulfate-reducing bacteria as new hydrogenase rich microorganisms SERB, Gol, New Delhi, Rs. 3152600, 2017-2020 (Completed).

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (Only number registered during 2020-21)
Dr. Bhawana Pathak	PhD	01
Dr. R. Y. Hiranmai	PhD	01
Dr. Rajesh Singh	PhD	01
Dr. Paulami Sahu	PhD	01
Dr. Kumari Rina	PhD	01

Academic collaboration and MoUs signed by the Centre

MSc IV semester students have been deputed to different University /Institute and industry for Dissertation in the specialized area. Academic collaboration for research internship was done with the following institutions:

- Gujarat Pollution Control Board (GPCB) Gandhinagar
- CSIR- Central Salt & Marine Chemicals Research Institute (CSMCRI), Bhavnagar
- Department of Geography, Guwahati University
- School of Ocean, Earth and Atmospheric Sciences, IIT Bhubaneswar.
- National Rice Research Institute, Cuttack, Odisha
- Kerala State Pollution Control Board Regional Office- Ernakulam
- Institute of Advance Study in Science and Technology, Guwahati, Assam

Extension, outreach and other similar activities undertaken by the Centre and its faculty

School has actively participated in different outreach and extension activities through Unnat Bharat Abhiyan (UBA) and Social Entrepreneurship, Swachhta & Rural engagement Cell, coordinating by Prof Bhawana Pathak. SESD - Faculty and research students visited villages time to time and interacted with senior people, youth, and children during Covid 19 -Pandemic to aware about corona virus and provide the information booklet. They also demonstrated them how to prepare mask at home in the emergency and why it is important to use mask as a safety measure. One student completed MSc dissertation on People perception of Climate Change and disseminated the knowledge about the mitigation and adaptation to overcome with local environmental issues.

SESD guided students of Life Sciences, Ahmedabad University for MSc dissertation and facilitated research expertization.

- Green Synthesis of Silver Nanoparticles of selected Medicinal Plants and their Antimicrobial and Wound Healing Properties (Efftesum Azizur Rahaman, AU/ILS/I-MSc/15-20/035)

- Phytochemical analysis of selected medicinal plants from Gujarat and its relationship with edaphic factors (Riyaben Patel -AU/ILS/I-MSc/15-20/058)

Participation of faculty in university governance as members of Committee or holding additional responsibilities

Prof. Bhawana Pathak

- Dean - School of Environment and Sustainable Development
- Professor (In - charge) CUG Library
- Chairperson - Committee for library book/ journal purchase
- Chairperson - Unnat Bharat Abhiyan
- Member - Executive Council - Central University of Gujarat
- Member -Academic Council - Central University of Gujarat
- Convener - SES REC, CUG
- Member- Internal Quality Assurance Cell (IQAC)
- Member - Camus development Committee
- Member- Admission Committee, CUG
- Coordinator - Protocol & Procession Committee - 3rd Convocation committee, CUG
- Member- Committee for scientific lab equipment
- Member- Local purchase committee, CUG
- Member - Zero Semester Committee
- Member - Advisory Committee, CIF- CUG
- Chairperson -School Board of Studies, SESD
- Chairperson -CASR, SESD,
- Chairperson -Research Advisory Committee, SESD
- Chairperson - Departmental Student Grievance Redressal Committee, SESD
- Expert Member- Research Advisory committee, Centre for studies in social management, School of Social Sciences
- Expert member (VC Nominee) - Departmental Research Committee in Environmental Studies, M S University Baroda
- Subject expert member (Vice Chancellor's Nominee) - selection committee Department of Environmental Studies, M S University Baroda

Prof R. Y. Hiranmai

- Presiding Officer, ICC
- Member of Committee
- Ek Bharat Shresht Bharat
- National Service Scheme
- World Environment Day
- Grievance committee-students
- Annual Report committee
- Central Instrumentation Facility
- Convocation -2020
- Disposal committee
- Research Advisory Committee, SESD

- CASR, SESD
- School Board, SESD
- Online entrance exam question paper setting
- Re-Opening of University post lockdown
- Awareness activities for eliminating gender-based violence

Dr Rajesh Singh

- Purchase Officer, School of Environment and Sustainable Development, Central University of Gujarat, Gandhinagar
- Member- LPC, School of Environment and Sustainable Development, Central University of Gujarat, Gandhinagar
- Member - Procurement through GeM, Committee, Central University of Gujarat, Gandhinagar

Dr. Paulami Sahu

- Nodal Person of SESD in CUG Alumni Cell
- Member of Discipline Committee in 3rd Convocation of CUG-Students, 22nd February 2021
- Member of Hospitality Committee in 3rd Convocation of CUG-Students, 22nd February 2021
- Member of Pandal Committee in 3rd Convocation of CUG-Students, 22nd February 2021
- Member of Rajbhasa Karyonayan Samiti since 20.2.2020.
- Member of Review Committee, ICSTRDA 2021, 21 & 22 January 2021. CUG
- Warden of Girl's Hostel, Sector-30 Campus, CUG since November 2017
- Warden of Girl's Hostel, Sector-20, CUG since November 2020

Dr Rina Kumari

- Member - School Board of School of environment and Sustainable Development
- Member - Technical Committee for evaluation of technical specification of Scientific equipment
- Member - Committee for Advanced studies and Research of School of environment and Sustainable Development

Dr Dheeraj Rathore

- Member- Yoga Club, Central University of Gujarat, Gandhinagar
- Member- NSS Advisory Committee, Central University of Gujarat,
- Member- Sports Advisory Committee, Central University of Gujarat
- Member- Equal Opportunity cell, Central University of Gujarat, Gandhinagar
- In charge- MSc first year, SESD, Central University of Gujarat, Gandhinagar

School of International Studies

About the School

The School of International Studies (SIS) was established in 2009. It focuses on creating new and relevant knowledge in the core areas of international relations and politics, political theory and thought, non-western international relations theory, international organisation and global governance, international peace and security, international political economy, foreign policy, diplomacy and India's immediate and extended neighbourhood. The School runs a M.A. programme in Politics and International Studies. The School has the Centre for International Politics (CIP) which offers M.Phil. and Ph.D. programme.

Centre for International Politics

The Centre for International Politics has been conceptualized to encourage diversity in the constitution of knowledge of international affairs in India. Its current focus is on creating new and relevant knowledge in the core areas of International Relations (IR) and International Politics. The Centre pursues research in areas of IR Theories, International Organisations, International Trade and Development, International Law, and Globalisation. Besides the other global areas, the Centres' immediate area of focus is on India's immediate and extended neighbourhood. The Centre offers a M.Phil. and a Ph.D. programme in International Politics. The course work spans over two semesters and is of minimum 20 credits. Subsequent semesters are allotted for dissertation writing. All Courses are offered under the UGC Choice Based Credit System.

Faculties at the Centre level

Dr. Manish- Professor and Dean, & Chairperson, Centre for International Politics.

Areas of interest: Foreign Policy, Arms Control, Disarmament, Terrorism and South Asia

Dr. Saurabh Sharma- Assistant Professor, Centre for International Politics.

Areas of interest: post-conflict governance, Peace Studies, Terrorism, Small Arms Proliferation and Drug Trafficking in South and Central Asia

Ms Eva Loreng- Assistant Professor, Centre for International Politics.

Areas of interest: Diaspora, migration, globalization and culture.

Dr Vijendra Singh: Assistant Professor (on contract), Centre for International Politics.

Areas of interest: Political Theory, Indian Politics, Modern Political Thought, Socio-Political Movements in India, Internal Security

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Manish (2021), Terrorism and India's National Security, Terrorism and National Security, 1 (1)
- Manish (2020) , The United Nations and Disarmament , Strategic Analysis, 44(5), 469-478

- Loreng, Eva (2020), *Engaging the Diaspora: The Changing Policies of the Indian Government*, *The Perspective International Journal of Social Science and Humanities*, 1(2), 1-10. <https://www.tpijssh.com/p/may-july-2020-issue-2.html>

Papers published in edited volume

- Manish (2020) .COVID-19 and the Challenge of Global Governance. In Ajey Lele and Kritika Roy (Ed.), *COVID-19: Analysing The Threat* Pentagon Press

Other Publications (Magazines, Newspapers, web portals) (APA style)

- Manish (2020, July 31). Time to strengthen the Biological Weapons Convention. *Forum for Integrated National Security*. <https://finsindia.org/time-to-strengthen-the-biological-weapons-convention/>
- Manish (2020, July29). COVID-19 and the Response of International Organisations. *Forum for Integrated National Security*. <https://finsindia.org/covid-19-and-the-response-of-international-organisations/>

Papers presented at international seminar/webinar/conference/workshop, etc.

- Manish, “Pedagogy in Diaspora Studies”, Two-Day Workshop on Diaspora Studies in the Curriculum and Pedagogy of Indian Education System, Centre for Diaspora Studies & School of Education, Central University of Gujarat, 14th March 2021
- Manish, “Challenges of India’s Foreign Policy”, Two Weeks Online Certificate Course on India and its Neighbourhood, School of Foreign Affairs and Political Economy (SFAPE), Rastriya Raksha University, Gujarat, 5 Nov 2020
- Manish, “India’s Foreign Policy in the Indo-Pacific”, Two Weeks Online Certificate Course on India and its Neighbourhood, School of Foreign Affairs and Political Economy (SFAPE), Rastriya Raksha University, Gujarat, 04 Nov 2020
- Manish, “Terrorism and Foreign Policy: Linkages”, Two Weeks Online Certificate Course on India and its Neighbourhood, School of Foreign Affairs and Political Economy (SFAPE), Rastriya Raksha University, Gujarat, 3 Nov 2020
- Manish, “Changing Nature of India’s Foreign Policy and its Neighbourhood”, Two Weeks Online Certificate Course on India and its Neighbourhood, School of Foreign Affairs and Political Economy (SFAPE), Rastriya Raksha University, Gujarat, 2 Nov 2020
- Manish. “Foreign Policy: Structures, Processes, and its Relations to National Security”, Two Weeks Online Certificate Course on India and its Neighbourhood, School of Foreign Affairs and Political Economy (SFAPE), Rastriya Raksha University, Gujarat, 30 Oct 2020

- Manish, “COVID-19 and the Challenge of Global Governance: Implications for the region”, One- Day International Webinar on South Asian Democracy in the COVID-19 Era: Challenges and Way-out, Department of Political Science, Kancharapar College, Kancharapar, 24 Pgs.(N), West Bengal, and SPARSH Society for Promotion of Activities for Social and Human Development (SPARSH), New Delhi and Kolkata, India, 17 Oct 2020
- Manish, “Gandhi and World Affairs”, A Weeklong Special Lecture Series on Understanding the Dimensions of Gandhian Philosophy, Centre for Gandhian Studies & Central Library, Tripura University, Agartala, 6 Oct 2020
- Manish, “India- Bangladesh Relations: In Special Context of Internal and External Security”, Two- Day Online International Seminar on Neighbourhood Policy of India, Department of Political Science, Maharana Pratap P.G. College, Gorakhpur, 30 August 2020
- Manish, “Vande Bharat as World’s Largest Diaspora Evacuation Mission under COVID-19: Comparing Experiences of Different Home Countries”, International Web-Symposium on Vande Bharat, The Organization for Diaspora Initiatives (Odi India); Central University of Gujarat in collaboration with Diaspora and International Migration Programme (DIMP) of CAS-School of International Studies, Jawaharlal Nehru University, New Delhi, 22 August 2020
- Manish, “International Order in the Post COVID-19 World’s : India and the Indo-Pacific”, Two Day International Webinar on International Order in the Post COVID-19 World’s Great Powers and the Emerging Trends, Kolhan University, Jharkhand, 24 - 25 July 2020
- Manish, “India-China Relations in a Changing World”, An International Webinar on India-China Relations in a Changing World, Department of Political Science, Holy Cross College, Agartala, 15 July 2020
- Manish, “Solidarity in South Asia Amidst COVID-19” at Webinar Series-1: Indian Perspectives”, International Webinar Solidarity in South Asia Amidst COVID-19, Unnayan Onneshan Dhaka, Bangladesh, 15 June 2020
- Loreng, Eva, “The Culinary Link between India and South East Asia”, International Webinar on Himalaya Hind-Mahasagar Rashtira Samuh: Revitalizing the Cultural Connectivity, Forum for Awareness on National Security (FANS), New Delhi, 29-30 January 2021

Papers presented at national/regional level seminar/webinar/conference/ workshop, etc.

- Manish, “COVID-19 and the Challenges of Global Governance”, One Day National Webinar on COVID-19 and the Challenges of Global Governance, Department of Social Sciences and Language in Collaboration with IQAC Darjeeling Government College, Darjeeling, 25 September 2020
- Manish, “Changing Dimensions of India’s Foreign Policy”, A National Webinar on Changing Dimensions of India’s Foreign Policy, Department of Political Science, St. Joseph’s College, Bangalore, 14 September 2020

- Manish, “New Education Policy 2020”, One Day National Webinar on New Education Policy-2020: Online Education and Its Amalgamation with Classroom Education, Hindu College, Moradabad, 3 September 2020
- Manish, “India- China Relations in Global Perspective”, Two Day National Webinar on India China Relations in Global Perspective: Emerging Relevance of Glossary, Department of Political Science, JMI; Bharti College University of Delhi with Commission for Scientific and Technical Terminology, Ministry of Education, Gol, 28-29 Aug. 2020
- Manish, “Sino-India Relations”, Three Day National Webinar on India’s Foreign Policy and Technical Glossary, Commission for Scientific and Technical Terminology, MoE and Government Rajmohini Devi Girls PG College, Ambikapur, Chhattisgarh, 24-26 July 2020
- Manish, “India’s Foreign Policy: From Post-Colonial State to an Aspiring power in World Politics”, One-Day National Webinar on India’s Foreign Policy: From Post-Colonial State to an Aspiring power in World Politics, Department of Political Science & IQAC, Vivekananda College for Women, Barisha, Kolkata-08, West Bengal, 17 July 2020
- Manish, “India- China Relations and the Indo-Pacific”, National Webinar on India and the Emerging World Order, Department of Political Science, Central University of Haryana, 12 July 2020
- Manish, “Indo-China Relations”, One-Day National Webinar on Indo-China Relations: A SWOC Analysis, Department of Defense and Strategic Studies, Tilakdhari Degree College, Purvanchal University, Jaunpur , 29 June 2020
- Manish, “India’s Energy Challenges”, Two-day Conference on COVID -19 and India’s Foreign Policy, Department of Civics and Politics, University of Mumbai, 2-3 June 2020

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Manish, “One Day Webinar on Impact of Pandemic COVID-19 and Labour Migration in India”, Mahatma Gandhi Labour Institute, Ahmedabad, 02 March 2021, Delivered a lecture
- Manish, “Thinking through India: Intellectual Tradition in India and Challenges”, UGC-HRDC Two Week Refresher Program, Panjab University, Chandigarh, 15 February 2021, Delivered a lecture
- Manish, “India’s Foreign Policy in the post COVID era”, 85th Refresher Course in Social Sciences organized by UGC-Human Resource Development Centre (HRDC), Punjabi University, Patiala, Punjab, 20 January 2021, Delivered a lecture

- Manish, “India’s Nuclear Policy”, Refresher Course in Political Science and Public Administration, UGC-Human Resource Development Centre, Maulana Azad National Urdu University, Hyderabad, 13 January 2021, Delivered a lecture
- Manish, “Youth and Nation Building”, National Youth Day Celebration organized by Ek Bharat Shreshtha Bharat (EBSB) & National Service Scheme (NSS), Central University of Gujarat, 12 January 2021, Speaker
- Manish, “आत्मनिर्भर भारत” और रूस की नजदीकी पर अमेरिका बेचेन क्यों?”, BBC New Hindi, January 7, 2021, Interviewed by BBC Hindi
- Manish, “Netanyahu visit to Saudi Arabia and its Implications for the region”, GSTV, 27 November 2020, Discussant
- Manish, “Constitution day” on Constitution day, 26 November 2020, Delivered a Lecture
- Manish, “Unity in Diversity: Our Heritage”, National Unity Day organized by Women Development Cell, Department of Political Science, Department of Environmental Studies and Tatva: Eco-Club, Ramanujan College University of Delhi, 31 October 2020, Keynote Speaker
- Manish, “The Political Consequences of COVID-19”, Interaction with Graduate Students, Allahabad, 26 May 2020, Speaker
- Manish, “Mapping the Emerging post COVID-19 World Order”, Webinar organized by Atal Bihari Vajpayee Institute of Policy Research, Baroda University, Vadodara, 19 May 2020, Speaker
- Manish, “Post-COVID-19 Era and Emerging International Order”, Webinar organized by SHODH Gujarat Prant, 28 April 2020, Speaker
- Manish, “India’s Non-Military Options to liberate Pak-occupied Kashmir”, Webinar organized by Law and Society Alliance & Defense Capital , New Delhi, 29 March 2020, Speaker

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):

- Manish, “Workshop: Understanding India’s National Security Challenges”, 11 March 2021, Chaired a session
- Manish, “International Women’s Day Webinar on Women in Leadership: Achieving an Equal Future in a COVID-19 World”, 08 March 2021, Moderator
- Manish, “Book Discussion on Vajpayee: The Years that Changed India”, 22 January 2021, Discussant
- Manish, “Constitution Day Lecture”, 26 November 2020, Organizer

- Manish, “A Webinar on "The United Nations At 75: Challenges and Opportunities”, 28 September 2020, Organizer
- Manish, “2nd International Webinar on Positioning Migration Studies to Understand the Short and Long -Term Impacts of the COVID-19 Pandemic”, 10 September 2020, Chair (Plenary Session-II)
- Manish, “A Webinar on "Gandhi and the World Affairs", 4 September 2020, Organizer
- Manish, “Unveiling of University Learning Management System by UGC Chairman”, 07 July 2020, Organizer
- Sharma, Saurabh, “Workshop: Understanding India’s National Security Challenges”, 12 March 2021, Chaired a session
- Loreng, Eva, “Workshop: Understanding India’s National Security Challenges”, 09 March 2021, Chaired a session
- Loreng, Eva, “A Webinar on "The United Nations At 75: Challenges and Opportunities”, 28 September 2020, Organizer
- Loreng, Eva, “Workshop, Research Methods and Approaches to Migration and Diaspora Studies Organized by Centre for Diaspora Studies”, 01 July 2020, Chaired a session
- Singh, Vijendra, A Webinar on "Gandhi and the World Affairs", 04 September 2020, Organizer

Participation in training/ orientation/refresher programme

- Sharma, Saurabh, UGC-STRIDE Refresher Course (Multidisciplinary) on “Research Methodology: Research Ethics, Methods, Skills, Writing and Communication”, 14 Days, Participant
- Sharma, Saurabh, FDP on MOOCs and Moodle Based Learning Management System organized by Indira Gandhi University, Meerpur – Rewari, Haryana, 8 Days, Participant
- Sharma, Saurabh, FDP on Research Methodology in Social Sciences – A Multi-Disciplinary Approach organized by Amity Institute of Social Sciences in association with Amity Academic Staff College, Amity University, Noida., 2 Days, Participant
- Sharma, Saurabh, 30th Online Short-term Course on E-Content Development organized by UGC-HRDC, Gujarat University, Ahmedabad, 7 Days, Participant
- Loreng, Eva, Online 2-Week Refresher Course in West Asian Studies (Interdisciplinary), organized UGC-Human Resource Development Centre, Jamia Millia Islamia, New Delhi, 14 Days, Participant

Research projects undertaken.

- Manish, “Geopolitical Implications of CPEC Extension into Afghanistan”, ICSSR, 4 Lakhs, Ongoing

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2020-21)
Manish	Integrated M.Phil.-Ph.D.	08
	M.Phil.	06
	Ph.D.	02
Sharma, Saurabh	Integrated M.Phil.-Ph.D.	07
	M.Phil.	02
	Ph.D.	01
Ms. Eva Loreng	Integrated M.Phil.-Ph.D.	00
	M.Phil.	02
	Ph.D.	-

Extension, outreach and other similar activities undertaken by the Centre and its faculty

Manish

- Member, Advisory Board, Atal Bihari Vajpayee Institute of Policy Research and International Studies, The Maharaja Sayajirao University of Baroda
- Visiting Faculty, Naval War College, Goa
- Member, Board of Studies, School of Foreign Affairs, Languages and Political Economy, Rashtriya Raksha Shakti University, Gujarat
- Lectured for ICCR -sponsored International Students, Gujarat University
- Evaluated Ph.D./M.Phil. as external examiner for Punjab University Chandigarh, Jawaharlal Nehru University, New Delhi, Central University of Kerala, Goa University, Naval War College, Goa

Saurabh Sharma

- Deputy Superintendent, CUCET Examination 2020, Gandhinagar Centre, Central University of Gujarat.

Participation of faculty in university governance as members of Committee or holding additional responsibilities

Prof. Manish

- Dean, School of International Studies

- Chairperson, Centre for International Politics, School of International Studies
- Member, Executive Council, Central University of Gujarat
- Member, Academic Council, Central University of Gujarat
- Chairman, School Board of International Studies, Central University of Gujarat
- Chairman, Board of Studies, Centre for International Politics, School of International Studies, Central University of Gujarat
- Member, Board of Studies, CSEP, School of Social Sciences, Central University of Gujarat
- Member, Board of Studies, Centre for Security Studies, School of National Security Studies, Central University of Gujarat
- Chairman, CASR, School of International Studies, Central University of Gujarat
- Member, CASR, School of Social Science, Central University of Gujarat
- Member, CASR, School of National Security Studies, Central University of Gujarat
- Member, CASR, Centre for Diaspora Studies, Central University of Gujarat
- Member, Internal Quality Assurance Cell (IQAC)
- Chairperson, Grievance Redressal Committee, Central University of Gujarat
- Chairperson, Departmental Student Grievance Redressal Committee, School of International Studies, Central University of Gujarat
- Member, Departmental Student Grievance Redressal Committee, Centre for Hindi Studies, School of Language, Literature and Culture Studies, Central University of Gujarat
- Member, Departmental Student Grievance Redressal Committee, Centre for Studies in Economics and Planning, School of Social Science, Central University of Gujarat
- Member, Departmental Student Grievance Redressal Committee, Centre for Gandhian Thought and Peace Studies, School of Social Science, Central University of Gujarat
- Member, Departmental Student Grievance Redressal Committee, Centre for English Studies, School of Language, Literature and Culture Studies, Central University of Gujarat
- Member, Departmental Student Grievance Redressal Committee, School of Environment and Sustainable Development, Central University of Gujarat
- Chairman, ICT, Central University of Gujarat
- Social Media Champion (SMC), Central University of Gujarat
- Chairman, Web Content Management Committee, Central University of Gujarat
- Member, University Admission Committee, 2020
- Convener, Admission Webpage Committee 2019
- Convener, Question Paper Committee, CUCET Exams, 2020
- Member, International Students Committee, CUCET Exams 2020
- Member, Third Convocation Committee

Dr. Saurabh Sharma

- Member, Academic Council, Central University of Gujarat
- Member, School Board, School of International Studies, Central University of Gujarat
- Member, Board of Studies, Centre for International Politics, School of International Studies
- Member, CASR, School of International Studies
- Member, CASR, School of National Security Studies
- Member, CASR, Centre for Diaspora Studies (Special Centre), Central University of Gujarat
- Member, Working Group, Unnat Bharat Abhiyaan, Central University of Gujarat

- Member, Stage Committee, 3rd Convocation, Central University of Gujarat
- Member, Purchase Committee, School of International Studies, Central University of Gujarat
- Member, Medical Committee, Central University of Gujarat
- Member, Insurance Committee, Central University of Gujarat
- Member, Committee for setting question paper for CUCET 2020

Ms. Eva Loreng

- M.A. Programme Coordinator, School of International Studies, Central University of Gujarat
- Member, School Board, School of International Studies, Central University of Gujarat
- Member, Board of Studies, Centre for International Politics, School of International Studies
- Member, CASR, School of International Studies
- Member, Committee for setting question paper for CUCET 2020
- Member, Seating Committee, 3rd Convocation, Central University of Gujarat

School of Language, Literature and Culture Studies.

About the School

School of Language, Literature and Culture Studies (SLL&CS) runs post-graduate and research programmes in various subjects related to Humanities such as the study of Indian and foreign languages and comparative study of literatures and cultures. Issues related to gender, caste, race and processes of exclusion and marginalization in society, questions related to migration and identity of diaspora communities form some of the core areas of study in the courses offered by the School. All the programmes are interdisciplinary and innovative in nature and prepare students for employment in teaching, research, print and visual media, administration, publishing, editing and emerging areas such as technical writing and content development. The strength of the School lies not only in its varied approach to languages, literature and culture but also to the on-going quest for global knowledge domains.

Centre for Chinese Studies

About the Centre

Centre for Chinese Studies (CCS, earlier known as “Centre for Chinese Language and Culture”) was established in 2011 under the School of Language, Literature and Culture Studies, Central University of Gujarat. It started with offering Five-Year Integrated M.A. Programme in Chinese Language and Literature from the academic year 2012-13. Currently the CCS offers B.A. (Hons.) and M.A. in Chinese under CBCS framework. The CCS is the largest Chinese studies centre in Western India. The objective of the CCS is to become the seat of expertise on China, and to evolve into a centre of excellence in future.

Students from the Centre have been regularly awarded scholarships to pursue higher studies in China by MHRD, Govt. of India and China Scholarship Council, China. Centre students have also been selected as members of Youth Delegations sent to China by Govt. of India. Centre students have also won accolades in the India round of the Chinese Bridge Competition organized every year by the Chinese government to popularize Chinese language across the world. Centre is equipped with a fully functional language lab, which offers state of art teaching-learning experience. Excellent job opportunities are available for centre students in academia, research organizations, government and private sectors. Right since its inception, the Centre is maintaining an excellent placement record. The centre also has an MoU with the Indian Army whereby army personnel pursue MA Chinese in the centre.

Faculties at the Centre level

Kumar Nishant, Assistant Professor

Areas of Interest: Modern & Contemporary Chinese Literature, Chinese Language & Linguistics, Translation and Interpretation, History, Society & Culture of China

Kaushik Prashant, Assistant Professor

Areas of Interest: Chinese history, politics & political economy; Chinese language & linguistics; Translation and Interpretation, Teaching of Chinese as Foreign Language; BRI studies.

Kumar Prabhat, Assistant Professor

Areas of Interest: Chinese language, literature and culture studies; Translation & Interpretation studies; Chinese Diaspora, India-China Relation

Kundan Kishor Swami, Assistant Professor and coordinator

Areas of Interest: Poetry Translation, Journalistic Translation, Traditional Chinese, History of Ancient Chinese Literature, Composition and Writing, China Through History, Maritime Security

Papers published in edited volume

- Kumar, S. & Kumar, P. (2020). Yindu qiaoqing (Indian Overseas Chinese). In Z.J. Zhang, W.W. Ji (Eds), "Yi dai yi lu" xiangguan diqu yu guojia qiaoqing guancha 2019 (Observation of Overseas Chinese Situation in Areas and Countries along the "Belt and Road Initiatives" 2019) (pp 173-180). Jinan University Press.

Other Publications (Magazines, Newspapers, web portals)

- Kaushik, Prashant (2021, February) Imagine China, If Mao was Gandhi. ICS Translations Issue No. 24. <https://www.icsin.org/publications/imagine-china-if-mao-was-gandhi>
- Kaushik, Prashant (2020, August) Wu Shicun: More Frequent US Military Comes Near Us, More Likely It is to Cause "Guns and Misfires". ICS Translations Issue No. 7. <https://www.icsin.org/publications/wu-shicun-more-frequent-us-military-comes-near-us-more-likely-it-is-to-cause-guns-and-misfires-1>

Papers presented at international seminar/webinar/conference/workshop, etc.

- Kumar Nishant, "Chinese Language Teaching in Times of COVID: A Shift from Classroom Teaching to Online Teaching", Two Day International Webinar on Current Issues and Trends in Foreign Language Teaching amidst the Changes in Geopolitical Scenario of East and South Asia, Organized by: Department of Far East Languages, Central University of Jharkhand, Ranchi, 16-17 July 2020
- Kumar Nishant, "Contemporary Debates in Modern Chinese Literature", Two-Day International Online Conference on Importance of China Studies in the Contemporary World, organized by UGC China Studies Programme MMAJ Academy of International Studies Jamia Milia Islamia, New Delhi, 13-14 October 2020
- Kaushik, Prashant: Title of the paper presented "The Chinese Language Challenge of India's China Studies". Two-day International Webinar on "Chinese Language Education in a Global Scenario: Issues and Perspectives" organized by the Department of Asian Languages, The English and Foreign Languages University, Hyderabad, 15-16 October 2020.
- Kumar, Prabhat "Chinese travel writing: The changing perception of India". Three-day International Web-based Conference on "India China Dialogues beyond Borders: Cultural,

Social and Political/Diplomatic Perspectives”, Department of Foreign Languages, Faculty of Arts, Banaras Hindu university, 18/11/2020- 20/11/2020 (Online).

- Kumar, Prabhat “Encounter of India and China in the Colonial Period: Understanding Modern Roots of Chinese Perception about India”. Two-day International Seminar “Importance of China Studies in the Contemporary World”, UGC China Studies Programme, MMAJ Academy of International Studies, Jamia Millia Islamia, New Delhi, 13/10/2020-14/10/2020 (Online).

Papers presented at national/regional level seminar/webinar/conference/ workshop, etc.

- Kumar Nishant, “Understanding the Phenomena Called Mo Yan”, Webinar on “Understanding China from a Multidisciplinary Perspective” Cheena Bhavana, Visva Bharati, Santiniketan, from 09-10 December 2020
- Kaushik, Prashant: Title of the paper presented: “Chinese Language Teaching in India: The Need for Pedagogical Innovation”. Two-day National Webinar on "Challenges of Promoting Chinese Language Learning and Teaching in India" organized by Department of Foreign Languages, AMU, Aligarh on 27 & 28 April, 2021.
- Kaushik, Prashant: Title of the paper presented “Studying Chinese in China: Contribution of Indian Students”. Web-based Lecture Series titled “Multilingualism and Multiculturalism: Perspectives on Linguistic and Cultural Discourse” organized by Department of Foreign Languages, Faculty of Arts, Banaras Hindu University, 17-18 March 2021.

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):

- Kumar Nishant, Four-day Virtual International Workshop on Current Trajectory of India’s Foreign Policy, organized by Department of Political Science, Shaheed Bhagat Singh (Evening) College, University of Delhi, June 17-20, 2020, attended the workshop as participant.
- Kumar Nishant, two-day national webinar on Saliency of History, Culture and Language in India China Relations: Longue Durée and Courte Durée, organized by Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat, 29-30 September 2020, Convener of the webinar
- Kumar Nishant, Title of the Webinar: “India and China: Images, Perceptions and Choices” Speaker: Prof. B.R. Deepak, JNU, Associate Prof, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat, Date: 11.02.2021, Webinar Coordinator
- Kumar Nishant, Title of the Webinar: “Translation Studies and Foreign Language”, Speaker: Dr. Sriniket Kumar Mishra, Assistant Prof., MGAHV, Wardha, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by

Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat, Date: 15.02.2021, Webinar Coordinator

- Kumar Nishant, Title of the Webinar: “Learning Chinese Language: Culture, Career and Challenges”, Speaker: Dr. Rajiv Ranjan, Associate Prof., Shanghai University, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat Date: 19.02.2021, Webinar Coordinator
- Kumar Nishant, Title of the Webinar: “The Development of Chinese Language Education in India: Issues and Prospects” Speaker: Mr. Rakesh Ranjan, Assistant Prof., Shanghai University, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat, Date: 25.02.2021, Webinar Coordinator
- Kumar Nishant, Title of the Webinar: “Chinese Language: Opportunities, Challenges and Work Culture in Service and Manufacturing Sector”, Speaker: Mr. Sudhanshu Raj, Industry Professional, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat , Date: 26.02.2021, Webinar Coordinator
- Kumar Nishant, Title of the Webinar: “Foreign Language Learning: As a Gateway to the Corporate World”, Speaker: Mr. Prashant Kumar, Industry Professional, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat , Date: 01.03.2021, Webinar Coordinator
- Kumar Nishant, Title of the Webinar: “Education and Job Opportunities in Taiwan: The Role of Mandarin Chinese as a Language”, Speaker: Dr. Md. Shadab Khalil, Associate Prof., National Dong Hwa University, Taiwan under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat, Date: 04.03.2021, Webinar Coordinator
- Kumar Nishant, Title of the Webinar: “Post COVID World: Implication for Learning Chinese Language in India”, Speaker: Prof. Avijit Banerjee, Cheena Bhavan, Viswa Bharati under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat, Date: 27.03.2021, Webinar Coordinator
- Kaushik Prashant: Webinar Coordinator. Title of the Webinar: “Assertiveness in Chinese Foreign Policy in the COVID Era: Is it Novel?”, Speaker: Dr. G Venkat Raman, Associate Professor, Humanities and Social Sciences, Indian Institute of Management, Indore. Organised by the Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat Date: 15.04.2021.

- Kaushik Prashant: Moderator of the session. Title of the Webinar: “Post COVID World: Implication for Learning Chinese Language in India”, Speaker: Prof. Avijit Banerjee, Cheena Bhavan, Viswa Bharati under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat , Date: 27.03.2021.
- Kaushik Prashant: Moderator of the session. Title of the Webinar: “Chinese Language: Opportunities, Challenges and Work Culture in Service and Manufacturing Sector”, Speaker: Mr. Sudhanshu Raj, Industry Professional, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat , Date: 26.02.2021.
- Kaushik Prashant: Discussant of the session. Title of the Webinar: “The Development of Chinese Language Education in India: Issues and Prospects” Speaker: Mr. Rakesh Ranjan, Assistant Prof., Shanghai University, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat , Date: 25.02.2021.
- Kaushik Prashant: Moderator of Plenary Session II. India-China Relations: Past, Present and Future during Two-day National Webinar on Saliency of History, Culture and Language in India China Relations: Longue Durée and Courte Durée, organized by Centre for Chinese Studies, School of Language, Literature and Culture studies, Central University of Gujarat , 29-30 September 2020.
- Kumar Prabhat, “Foreign Language Learning: As a Gateway to the Corporate World”, Speaker: Mr. Prashant Kumar, Industry Professional, Centre for Chinese Studies, CUG, 01/03/2021, Moderator of the session.
- Kumar Prabhat, “India and China: Images, Perceptions and Choices” Inaugural Keynote Speaker: Prof. B.R. Deepak, JNU, Centre for Chinese Studies, CUG, 11/02/2021, Moderator of the session.
- Kumar Prabhat, National Webinar Series on World Literature, Faculty of Arts, Communication and Indic Studies, Sri Sri University, Cuttack, 3/08/2020 -16/08/2020, Participant
- Kumar Prabhat, Pushing the Boundaries of Gender Studies, St. Aloysius College, Mangaluru, 24/07/2020, Participant
- Kumar Prabhat, Two Day Online Workshop on "Aligning Yourself to the Publishing Process", Elsevier, 23/07/2020 -24/07/2020, Participant.
- Kumar Prabhat, Culture, Language and Identity, Dept. of English Studies, St. Aloysius College, Edathua, 14/07/2020, Participant

- Kumar Prabhat, Cultural and Ethical Trajectories of Contemporary Travel Writing, Dept. of English Studies, St. Aloysius College, Edathua, 13/07/2020, Participant
- Kumar Prabhat, Research Methods and Approaches to Migration and Diaspora Studies, CUG & University of East London, 30/06/2020- 02/07/2020, Participant
- Kumar Prabhat, Virtual International Workshop on “Current Trajectory of India’s Foreign Policy”, Shaheed Bhagat Singh College, University of Delhi, 17/06/2020-20/06/2020, Participant
- Kumar Prabhat, Self-Reliant India: Aspirations & Opportunities, AAJ-JNU, 24/05/2020, Participant
- Kundan Kishor Swami, Virtual International Conference on “Statistical Tools and Techniques for Research Data Analysis” – ICSTRDA 2021 organized by the School of Library and Information Science, CUG, India, 21/01/2021 to 22/01/2021, Participant
- Kundan Kishor Swami, National Level Webinar on “Sustainability of Rural Development” organized by B.D. Kale Mahavidyalaya, Ghodegaon (Pune), 24 Feb 2021, Participant
- Kundan Kishor Swami, One-day National Level Webinar on “Research Planning: Proposal & Implementation for Career Advancement” organized by S.N. Sinha College, Warisaliganj & IIARI on 03 March 2021, Participant
- Kundan Kishor Swami, International Workshop on “The Wonderful World of Translation from Chinese” organized by Department of Chinese, Doon University in collaboration with Paper Republic, 15 March 2021, Participant
- Kundan Kishor Swami, Two-Day Workshop on Diaspora Studies In The Curriculum And Pedagogy Of Indian Education System With Special Focus On NEP 2020 organized by Centre for Diaspora Studies, CUG in association with Centre for Policy Research in Education, PMMMNMTT, School of Education, CUG, 13-14 March 2021, Participant
- Kundan Kishor Swami, two-day national webinar on Saliency of History, Culture and Language in India China Relations: Longue Durée and Courte Durée, organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies, Central University Of Gujarat, 29-30 September 2020, Moderator in Plenary Session 1
- Kundan Kishor Swami, 1st International Workshop on Research Methods and Approaches to Migration and Diaspora Studies organized by Centre for Diaspora Studies, CUG in collaboration with Centre for Migration, Refugees and Belonging, University of East London U.K., 30/06/2020 to 02/07/2020, Participant
- Kundan Kishor Swami, Title of the Webinar: “India and China: Images, Perceptions and Choices” Speaker: Prof. B.R. Deepak, JNU, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese

Studies, School of Language, Literature and Culture Studies, CUG, Date: 11.02.2021, Introductory Remark

- Kundan Kishor Swami, Title of the Webinar: “Translation Studies and Foreign Language”, Speaker: Dr. Sriniket Kumar Mishra, Assistant Prof., MGAHV, Wardha, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies, CUG , Date: 15.02.2021, Participant

- Kundan Kishor Swami, Title of the Webinar: “Learning Chinese Language: Culture, Career and Challenges”, Speaker: Dr. Rajiv Ranjan, Associate Prof., Shanghai University, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies, Date: 19.02.2021, Moderator

- Kundan Kishor Swami, Title of the Webinar: “The Development of Chinese Language Education in India: Issues and Prospects” Speaker: Mr. Rakesh Ranjan, Assistant Prof., Shanghai University, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies, Date: 25.02.2021, Participant

- Kundan Kishor Swami, Title of the Webinar: “Chinese Language: Opportunities, Challenges and Work Culture in Service and Manufacturing Sector”, Speaker: Mr. Sudhanshu Raj, Industry Professional, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies, Date: 26.02.2021, Participant

- Kundan Kishor Swami, Title of the Webinar: “Foreign Language Learning: As a Gateway to the Corporate World”, Speaker: Mr. Prashant Kumar, Industry Professional, under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies, Date: 01.03.2021, Participant

- Kundan Kishor Swami, Title of the Webinar: “Education and Job Opportunities in Taiwan: The Role of Mandarin Chinese as a Language”, Speaker: Dr. Md. Shadab Khalil, Associate Prof., National Dong Hwa University, Taiwan under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies, .2021, Participant

- Kundan Kishor Swami, Title of the Webinar: “Post COVID World: Implication for Learning Chinese Language in India”, Speaker: Prof. Avijit Banerjee, Cheena Bhavan, Viswa Bharati under the Webinar Series Titled “Chinese Studies: Opportunities, Challenges and the need for Capacity Building” organized by Centre for Chinese Studies, School of Language, Literature and Culture Studies, Date: 27.03.2021, Participant

Participation in training/ orientation/refresher programme

- Kumar Nishant, two week online faculty development programme (Multidisciplinary Refresher Course on ICT based New Paradigms of E-teaching and E-learning: Digital Pedagogy organized under the most coveted MHRD-sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), organized by Teaching Learning Centre (TLC), Ramanujan College in association with Research Development and Services Cell, Ramanujan College, University of Delhi and Department of Computer Science, Mata Sundri College for Women, University of Delhi, 15-30 September 2020
- Kundan Kishor Swami, One-week Online Workshop on “Understanding India’s National Security Challenges”, Central University of Gujarat, India, 08/03/2021 to 14/03/2021, Participant

Participation of faculty in university governance as members of Committee or holding additional responsibilities

Kumar Nishant

- Coordinator of Centre for Chinese Studies between 01.04.2020 to 25.08.2020
- Member of Centre Board, Centre for Chinese Studies, School of Language, Literature & Culture Studies, Central University of Gujarat, Gandhinagar.
- Member of Board of Studies of Centre for German Studies since 30.03.2021 till date.
- Member of Admission Committee and Admission Sub Committee (Prospectus and Publicity Committee) for CUCET 2020.
- Kumar Nishant, Member of Fact-Finding Committee formed to resolve Grievances of students during Sports Day-2020

Kaushik Prashant

- Purchase Officer, School of Language, Literature & Culture Studies, CUG.
- Member, Protocol and Procession Committee and Medal and Memento Committee, Third Convocation, Central University of Gujarat, February 2020.

Kumar Prabhat

- Member of Executive Council, Central University of Gujarat, Gandhinagar
- Member of School Board, School of Language, Literature & Culture Studies, Central University of Gujarat, Gandhinagar.
- Member of Centre Board, Centre for Chinese Studies, School of Language, Literature & Culture Studies, Central University of Gujarat, Gandhinagar.
- In- Charge, Sector-29 campus, Central University of Gujarat, Gandhinagar.

Kundan Kishor Swami

- Coordinator, Centre for Chinese Studies, SLL&CS, CUG
- Member, School Board of SLL&CS

- Member, Committee for Advanced Studies and Research (CASR), SLL&CS, CUG
- Member, Admission Committee - CUCET, CUG
- Member of Board of Studies of Centre for Chinese Studies
- Member, Student-Teacher Interaction Cell, Central University of Gujarat, Gandhinagar

Centre for Comparative Literature and Translation Studies

About the Centre

The Centre for Comparative Literature and Translation Studies at the Central University of Gujarat has been at the forefront of examining and debating on the future trends within comparative Literature in the last few years. The centre has been focused with its activities and at present has reshaped and reoriented the centre towards the larger debate of Indian Literatures and its context within Asia and Asian Studies. The thrust of the centre at present is on the larger geo political definitions of examining Indian Comparative Literature as a confluence of many traditions within the larger Asian paradigm. This is to construct the larger orientation of the centre ahead as a premier research oriented Asian Studies Centre in the future.

Programmes offered

- M. Phil in Comparative Literature
- Ph.D. in Comparative Literature

Faculties at the Centre level

Balaji Ranganathan, professor and Chairperson

Areas of Interest: Oriental Studies, Orientalism and Colonial India, Formation of Public Bodies in Colonial India, Historiography, Comparative Indian Literature, Psychoanalysis, Early Indian Numismatics, and Early Indian Bronzes.

Zakia Firdaus, assistant professor

Areas of Interest: North American Native fiction, Canadian Literature, Gender Studies, Post-Colonial Literature, Indian Writing in English.

Zarana Maheshwari, assistant professor

Areas of Interest: disability studies, translation studies, gender and sexuality, travel literature, postcolonial studies

Niveditha K, assistant professor

Areas of Interest: Translation Studies and History of Print in Kerala.

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Maheshwari, Zarana. (January 2020). Against Social Isolation: Disability Metaphors and Personal Battles. Review of Disability Studies: an International Journal, 16(2-4)<https://rdsjournal.org/index.php/journal/article/view/984>
- Kalarikkal, N. (2020). Beyond the Boundaries of Kochi: A Study of Raja Veera Keralavarma's Travel Narrative to Kashi. Rupkatha Journal on Interdisciplinary Studies in Humanities, 12(3), 41-48. <https://dx.doi.org/10.21659/rupkatha.v12n3.05>

Other Publications (Magazines, Newspapers, web portals)

- Kalarikkal, N. (2020, August 31). From Regional Dialects to Malayalam: Language, Nation, Identity. Ala: A Kerala Studies Blog. <http://ala.keralascholars.org/issues/24/malayalam-language-identity/>
- Maheshwari, Zarana. (2020, August 27). Invisibility of Disability in Academia. The Confluence: Indian Academy of Sciences Bengaluru <http://confluence.ias.ac.in/invisibility-of-disability-in-academia/>

Papers published in edited volume

- Stella Chitrlekha Biswas and Zakia Firdaus, "Nature and the Nation: Revisiting the Dynamics of Gender and Ecocriticism in Periodicals for Children in Colonial Bengal" in Gender Dynamics and the Emerging Issues in 21st Century edited by Aliva Mohanty, Sayantani Behura, Geetanjali Naik and Suprit Panigrahi, Mittal Publication: New Delhi, 2021

Papers presented at international seminar/webinar/conference/workshop, etc.

- Varghese, Robin L. & Kalarikkal, N. Corporeal Subjecthood: Embodied Participation in the Teaching-Learning Process. International Conference on Roadmap for Humanities and Social Sciences in STEM Higher Education organized by HSS, IIT Jammu, 19-20 March, 2021.

Papers presented at national/regional level seminar/webinar/conference/ workshop, etc.

- Kalarikkal, N. Reading Backwards: Relevance of the Archive in Research. The Cutting Edge: National Webinar Series organized by Department of English, St. Joseph's College for Women, Alappuzha, Kerala on 14th August, 2020.

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Ranganathan, Balaji, resource person for the National Webinar on "Travel Literature" organized by Kamla Nehru College for Women, Jai Narayan Vyas University, Jodhpur held on August 30, 2020
- Ranganathan, Balaji, resource person for a talk on Tools and Techniques for Research organized by the Bhavnagar University on September 4, 2020.
- Ranganathan, Balaji, visiting Fellow for a course on Post-Colonial Literatures from October 31, 2020 – November 4, 2020 at Bhavnagar University.
- Ranganathan, Balaji, resource person for a talk organized by the School of Education, Central University of Gujarat, Gandhinagar, India & Faculty of History and Philosophy, Borys Grinchenko Kyiv University, Ukraine on "Translation in the Modern World and the Modern World in Translation", 29th December, 2020.

- Ranganathan, Balaji, resource person for a talk on Orientalism organized by the Saurashtra University on 20th January 2020.
- Ranganathan, Balaji, resource person for a Refresher Course talk organized by the University of Calcutta. 4th March, 2021.
- Ranganathan, Balaji, resource person for a talk on Psychoanalysis organized by the Saurashtra University on 12th April 2021.
- Maheshwari Zarana, Guest speaker at English Literary Association: Institute: Avinashilangam Institute for Home Sciences and Higher Education for Women Coimbatore, Translation and Colonial Modernity, April 12, 2021
- Kalarikkal, N. Invited speaker at Grammar Factory: Colonial Linguistics and the Vernacular Tongue, organized by 'Dialectic Research Forum' Sree Shankara University of Sanskrit, Kalady, Kerala on January 21, 2021.

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.)

- Balaji Ranganathan, chaired a session on a 2-day international webinar on Gandhi and the Conception of Political Community organized by the Centre for Gandhian Thought and Peace Studies on October 1, 2020.
- Zakia Firdaus, chaired a session in the Virtual International Conference on Statistical tools and Techniques for research DATA Analysis organized by School of library and information science., January 21-22, 2021

Participation in training/ orientation/refresher programme

- Maheshwari Zarana participated in Faculty development programme on Language in the time of Corona organized by Guru Gobind Singh Indraprastha University Delhi. from June 25, 2020-30, 2020

Honours and achievements such as prize, fellowship, award, patent rights, etc.

- Varghese, Robin L. & Kalarikkal, N. Corporeal Subjecthood: Embodied Participation in the Teaching-Learning Process. Was selected as one of the best three papers in the International Conference on Roadmap for Humanities and Social Sciences in STEM Higher Education organized by HSS, IIT Jammu, 19-20 March, 2021.

Research student/s guided

Name	Nature of programme	No. of students guided (only number registered during 2020-21)
Balaji Ranganathan	PhD	06
Zakia Firdaus	M. Phil PhD	02 07
Zarna Maheshwari	Ph. D	02
Niveditha K	MPhil	01

Participation of faculty in university governance as members of Committee or holding additional responsibilities

Balaji Ranganathan

- Nodal Officer for the RTI Cell
- Nodal Officer for the Anti Ragging Cell
- Member IQAC
- Nodal Officer for the Placement Cell

Zakia Firdaus

- Member, Internal Complaints Committee.
- Member, Cultural Committee.
- Member, Board of Studies of CCLTS, Social Management, Hindi Studies
- Member School Board , SLL&CS
- Member, different Committee for Convocation 2021.
- Review committee member ICSTRDA 2021

Niveditha K

- Member, Board of Studies, Centre for German Studies and CCCLTS

Zarna Maheshwari

- Member of university level internal committee for looking after the welfare of persons with disability

Centre for English Studies

About the Centre

The Centre for English Studies offers M.A. in English, M.Phil. in English and Ph.D. in English programmes. The course content reflects the changed contours of the discipline of English Studies. Students are offered a number of optional courses in thrust areas such as Translation Studies, Culture Studies and Second Language Research. The eclectic combination of courses is meant to provide opportunities for students to explore areas of their individual interest. The overall objective of the programmes offered by the Centre is to train students to think critically about language, literature, and culture. The Centre organizes guest lectures, workshops and seminars for students in areas such as Film, Editing, English Language Teaching, Academic Writing and Translation.

Faculties at the Centre level

Prof. Atanu Bhattacharya, Professor (on lien)

Areas of Interest: English Language Studies, Cultural Studies, Digital Technology Studies, Bengali Science Fiction.

Dr. Ishmeet Kaur Chaudhry, Assistant Professor

Areas of Interest: Literature of the Margins, Translation Studies, Studies on Women and Violence, Sikh Literatures

Dr. Dhara Chotai, Assistant Professor

Areas of Interest: Life Writing, Literary Historiography, Comparative Indian Literature, Translation Studies.

Ms. Anupama A., Assistant Professor (On-Contract)

Areas of Interest: 20th Century American Literature, Modernism, Editorial Theory, Literary History, Psychoanalysis.

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Chaudhry, Ishmeet Kaur 'Multi-Voices: Multiculturalism in Australian Poetry' (2019). Indian Journal of Australian Studies, 2019 Special Issue on Multiculturalism (2019 issue published late in 2020 due to the pandemic)
- Chaudhry, Ishmeet Kaur (March-April, 2021). 'A Rare Semblance of Culture, Music and Mystery' Book Review: 'Raagam, Taanam, Pallavi- A Lalli Mystery' by Kalpana Swaminathan. Muse India, Issue 96,
[https://museindia.com/Home/ViewContentData?arttype=book%20review\(s\)&issid=96&menuid=9410](https://museindia.com/Home/ViewContentData?arttype=book%20review(s)&issid=96&menuid=9410)

Papers published in edited volume

- Chaudhry, Ishmeet Kaur. (2020) 'Interaction of Languages and the Cultural Exchange: Translating Jeanine Leane's The Dark Secrets: After Dreaming (AD) 1887-1961 from English into Panjabi' in Indira Nityanandam & Saikat Banerjee (Ed) Translation Studies: Approaches and Practices, Creative Books.

Books published as author

- Singh, Paramjeet, Ishmeet Kaur Chaudhry, Charanjeet Kaur (2020). Seeking Nanak: Commemorating the 551st Birth Anniversary of Guru Nanak Dev ji. EduSikh Publications & Notion Press.
- Chaudhry, Ishmeet Kaur (2020). The Forbidden Button & Other Poems. Signorina Publications.

Papers presented at international seminar/webinar/conference/workshop, etc.

- Chaudhry, Ishmeet Kaur, 'Is Feminism Anti-Men?' an online webinar organized by The Pothohar Association, UK on 12 August, 2020.
- Chaudhry, Ishmeet Kaur, 'The Guru Granth Sahib Translation/ Transcreation Process' Panel member, an online webinar organized by Sikh Research Institution on 'The Guru Granth Sahib Project' on 10th Oct 2020.
- Ishmeet Kaur Chaudhry, 'Shristi Ki Chadar 'Guru Tegh Bahadur: The Contemporary Indian Perspectives' An Online International Conference organized by Sikh Research Institution on Guru Tegh Bahadur: The Benevolent Warrior on 27th March 2021.

Papers presented at national/regional level seminar/webinar/conference/ workshop, etc.

- Atanu Bhattacharya, Plenary talk on 'Imagining Disaster: Texts and Contexts', Literature and Epidemics, Department of English, MK Bhavnagar university, 16-17th May, 2020. (Online)
- Atanu Bhattacharya, Invited Lecture on Amruta Patil and Devdutt Pattanaik's Aranyaka (Book of the Forest), Samwad - in conversation with books, Dept of English, Marwad University, 20th December, 2020. (Online)
- Bhattacharya Atanu, Keynote Lecture on A Gardener in the Wasteland, Voices of the Oppressed, Dept. of English, Govt. Arts and Science College, Ahwa, 7th February, 2021. (Online)
- Bhattacharya Atanu, Presentation on Contextual Interaction in online teaching, SCOPE Webinar on Engaging Learners in Online Remote Training, SCOPE and Govt of Gujarat, 21 March 2021. (Online)

- Chaudhry Ishmeet Kaur, 'Partition Narrative and Family History' at a Two-day National level webinar on Life-Writing: Historical Contexts & Literary Perspectives Organised by The Departments of English & History in collaboration with IQAC Derozio Memorial College on 27-28 June 2020.
- Chaudhry Ishmeet Kaur, 'Collective Memories in Indian Diasporic Writings and Cinema' organized by Sahridaya College of Advanced Studies, Kerala, on 16 Feb, 2021.
- Chaudhry Ishmeet Kaur, 'Partition Memories: Writing Family Histories' organized by Literati: English Literary Association, Daulat Ram College, New Delhi, on 10th March, 2021.
- Chaudhry Ishmeet Kaur, "Concept of Seva" organized by BISMAN_ Centre for Human Values, Sri Guru Nanak Dev Khalsa College, University of Delhi, on 15 March, 2021.
- Chotai Dhara K., Expert lecture on Shakespeare's Hamlet, My Theatre, Bangalore, 8th November, 2020.

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Bhattacharya Atanu, Invited Lecture on Academic Writing: The Basics, Research in English Studies, Department of English, MK Bhavnagar University, September 6, 2020. (Online)
- Bhattacharya Atanu, Invited Lecture on Academic Writing: The Mechanics, Research in English Studies, Department of English, MK Bhavnagar University, September 9, 2020. (Online)
- Chaudhry Ishmeet Kaur, Expert lectures through online mode on Research Methodology for PhD at Sardar Patel University of Police, Security and Criminal Justice, Jodhpur January 4-5, 2021.
- Ishmeet Kaur Chaudhry, delivered a special lecture at the Refresher course in Humanities (30 Nov 2020 -12 Dec 2020) held by UGC-HRDC Osmania University on 10th Dec 2020 on Narrating Experience: Revisitations of 1984 Anti-Sikh Massacres through a literary lens.

Research projects undertaken

- Bhattacharya Atanu, Mobile Technologies and Everyday Practices: An exploratory study for teaching-learning of English in Gujarat, British Council, India, Amount Sanctioned: 236000 INR, March 2019-March 2020 (Completed).
- Bhattacharya Atanu, History of English Language Education Project, A.S. Hornby Educational Trust, Amount Sanctioned: 10000 GBP, March 2021 (Ongoing).
- Chaudhry Ishmeet Kaur, 'Transcreation/Translation Phase 2 The Guru Granth Sahib Translation Project' as an English Language Reviewer, Sikh Research Institute, USA in collaboration with Panjab Digital Library, Chandigarh, India. 16 March, 2020-15 March, 2021. (Completed).

Research student/s guided

Name	Nature of programme	No. of students guided
Prof. Atanu Bhattacharya	M. Phil	2
	PhD	5
Dr. Ishmeet Kaur Chaudhry	M. Phil	1
	PhD	4
Dhara K. Chotai	M. Phil	1
	PhD	4

Participation of faculty in university governance as members of Committee or holding additional responsibilities.

Prof. Atanu Bhattacharya

- Dean, School of Language, Literature and Culture Studies
- Dean (I/c), School of Library and Information Science
- Provost, Internal Hostel Administration
- Chairperson, Centre for English Studies
- Chairperson, Canteen Committee

Dr Ishmeet Kaur Chaudhry

- Member Reception and Transport Committee for 3rd Convocation (2020)
- School Coordinator for Swayam Program (2021)
- Member School Board of School of language, Literature and Culture Studies (2021)
- Member Board of Studies for Centre for Comparative Literature and Translation Studies, School of language, Literature and Culture Studies (2021)
- Member Board of Studies for Centre for English Studies, School of language, Literature and Culture Studies (2010-2021)
- Coordinator, School Adoption Programme at CUG. (2015-2021)
- Coordinator MPhil-PhD English (2020-21) at CES.

Dr. Dhara k. Chotai

- Member of Centre Board of Studies for the Centre of English Studies
- Member of Board of Studies for Centre for Chinese Studies (2020-2021)

Ms. Anupama A.

- Member, Syllabus Revision Committee, Centre for English Studies
- Faculty Advisor for MA, Centre for English Studies

Centre for German Studies

The Centre for German Studies was established in 2011 with the aim of making further contributions to the already existing and on-going research in German Studies in the Indian subcontinent. Centre has been offering B.A.(Hons.) in German and M.A. in German. In the year 2020, Ph.D. in German Studies was also introduced. Main objective of Centre for German Studies is to contribute further towards India's links with Germany by setting up a centre for learning and researching in German language, literature and culture in a Central University located in extreme western India. . The courses are designed to give our students a rigorous training in spoken and written German language. Centre also has allied courses which nurture the students' interests in interdisciplinary research areas like translation studies, culture studies, literature and literary studies, linguistics, didactics, etc. Student-centric interactive learning approach at the centre also gives our students a space for personal development.

Faculties at the Centre level

Donthula, Dr. Vinai Kumar, Assistant Professor

Area of Interest: Translation and Linguistics

Jahel, Dr. Roshan Lal, Assistant Professor

Areas of interest: German Literature, German as Foreign Language (DaF) & German Cinema.

Loyal, Ms. Jaspreet Kaur, Assistant Professor and coordinator

Area of Interest: Translation, Literary Translation, German Children's and Juvenile Literature, Comparative Literature and Adaption of children's and juvenile literature into films.

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Vinai Kumar, D. (2020). Politics in Translation: Studies in Linguistics, Anglophone Literatures and Cultures. Translation and Power Volume 27, 105 – 111, [https://DOI 10.3726/b17222](https://doi.org/10.3726/b17222)

Papers published in edited volume

- Jahel, R. L. (2020). ICT in German Language Teaching: Opportunities and Challenges. In Tiwary S. K. & Prakash, O. (Eds.) ICT in Education (pp. 203-214). KR Publishers and Distributors.

Books published as author

- Vinai Kumar, D. (2020). German – Telugu Proverbs Glossary. Synergy Books India, New Delhi.

Papers presented at international seminar/webinar/conference/workshop, etc.

- Jahel Roshan Lal. Challenges of Online Language Classroom. Theme of the seminar: Multilingualism and Multiculturalism: Perspectives on Linguistic and Cultural Discourse. Department of Foreign Languages, Faculty of Arts, Banaras Hindu University. 17/03/2021-18/03/2021.

Participation in training/ orientation/refresher programme

- Donthula, Vinai Kumar, Participant at UGC-Sponsored Refresher Course. February 17-29, 2020.
- Jahel Roshan Lal, Participant at Online Faculty Development Programme on Integrating Virtual Exchange/Telecollaboration in an Online Learning and Teaching Design. December 19, 2020.

Center for Gujarati Language and Literature

About the Centre

Centre for Gujarati Language and Literature of Central University of Gujarat was established in 2017-18. The aim of the Centre is to orient the students towards "life, culture and art" through language, literature, folklore, cinema culture and humanity. The Centre is making efforts to ensure that the language and literature proficient students also acquire excellence in interdisciplinary study along with literature. The Centre envisions the student to learn and justify the Indian tradition and the global culture. The curriculum has been structured in a way so as to provide employment opportunities in mass media or journalism along with literary arts.

Programmes offered

- M.A. in Gujarati
- Ph.D. in Gujarati

Faculty at the Centre level

Prof. Rajesh Makwana, Professor and chairperson

Areas of Interest: Medieval Literature, Marginal Literature, Folklore.

Dr. Ajaysinh Chauhan, Associate Professor

Areas of Interest: Postmodern Gujarati Literature, Indigenous Literature.

Dr. Pratibha Pandya, Assistant Professor

Areas of Interest: Literary Criticism, Folklore

Dr. Deepak Bhatt, Assistant Professor

Areas of Interest: Contemporary Literary and Cultural Theory, Indian Literatures.

Dr. Sangita Chaudhari, Assistant Professor

Areas of Interest: Literary Criticism

Dr. Baldev Prajapati, Assistant Professor

Areas of Interest: Folklore, lok natya bhavai.

Dr. Vijeta Gamit, Assistant Professor (visiting faculty)

Areas of Interest: Medieval Literature, Diaspora

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Makwana, Rajesh 'Vicharati Vividh Jatiaonu Lokasahitya : Kruti Ane Sanskruti'(March-2020). Lokgurjari, ISSN: 2320-8872, Listed on UGC CARE List No. 184
- Chauhan, Ajaysinh (2021) 'Gyan Ane Vatsalyo Gheghur Vadlo : Hasu yajnik'Shabdsar, January

Books published as author

- Makwana, Rajesh (2021) Dr. B. R. Ambedkar: Vichar Ane Vimarsh, ISBN: 978-93-81471-94-4
- Chauhan, Ajay (2020) Chuntela Nibandho : Amrutlal Vegad(Edited), Gujarat Sahitya Academy ISBN : 978-93-88197-76-2
- Chauhan, Ajay (2020) Chuntela Nibandho : Bholabhai Patel (Edited), Gujarat Sahitya Academy ISBN : 978-93-88197-80-9
- Chauhan, Ajay (2020) Chuntela Nibandho : Natrvarsinh Parmar (Edited), Gujarat Sahitya Academy ISBN : 978-93-88197-82-3

Other Publications (Magazines, Newspapers, web portals)

- Chauhan, Ajay Alvida Jayant oza Naya Padkar (Daily Newspaper) 14-07-2020

Papers presented at international seminar/webinar/conference/workshop, etc.

- Makwana, Rajesh 'One Day State Level Webinar Titled 'Santvani: Satva ane Saundrya' Resource Persons, an online webinar organized by Gurukul Mahila Arts and Commerce College, Porbandar and Gujarat Sahitya Akademi, Gandhinagar, on 21st February 2021.
- Makwana, Rajesh 'One Day State Level Webinar Titled 'Gujaratni Anusuchit Jationi kanthasth Parmpranu Loksahitya' Resource Persons, an online webinar organized by Shri Savaiyanath Seva Trust, SK and Gujarat Sahitya Akademi, Gandhinagar, 6th March 2021

Papers presented at State Level seminar/webinar/conference/workshop, etc.

- Makwana, Rajesh 'One Day State Level Webinar Titled 'Santvani: Satva ane Saundrya' Resource Persons, an online webinar organized by Gurukul Mahila Arts and Commerce College, Porbandar and Gujarat Sahitya Akademi, Gandhinagar, on 21st February 2021.
- Makwana, Rajesh 'One Day State Level Webinar Titled 'Gujaratni Anusuchit Jationi kanthasth Parmpranu Loksahitya' Resource Persons, an online webinar organized by Shri Savaiyanath Seva Trust, SK and Gujarat Sahitya Akademi, Gandhinagar, 6th March 2021

Talks of academic nature at recognized institutions other than seminar/ conference, etc.

- Makwana Rajesh, Invited as Resource Person at HRDC (Refreshers Course), Saurashtra University, Rajkot, 25th September 2020.
- Makwana Rajesh, Invited as Resource Person in the Two-Day National Webinar Titled 'Gujarat, Maharashtra, Rajasthan na Halarda', Children's University, Gandhinagar and Gujarat Sahitya Academy, Gandhinagar, 26th -27th November 2020.

- Makwana Rajesh, Invited as Resource Person on 'Dr. B. R. Ambedkar na Prabuddha Pravachno' Dr. B. R. Ambedkar Chair-Centre, Saurashtra University, Rajkot, 5th December 2020.
- Makwana Rajesh Invited as Resource Person at Ph.D. Course Work, Children's University, Gandhinagar, 22nd January 2021.
- Chauhan Ajaysinh, Invited as Resource Person on 19th Century Travel literature, Refresher Course, Saurashtra University, Rajkot, 24th September, 2020.
- Chauhan Ajaysinh, Invited as Resource Person on Aadhunik sahitya na Bhashavishesho, FDP, Knowledge Consortium of Gujarat, GoG. 09th November, 2020.
- Chauhan Ajaysinh, Invited as Resource Person on Jivan ane pravas, Mithibai College of Arts, Mumbai, 12th June 2020.
- Chauhan Ajaysinh, Invited as Resource Person on Postmodern Gujarati Poetry, Sahitya Akademi, New Delhi, 23rd December 2020.

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.)

- Makwana Rajesh, Invited Chairperson for a session One Day National Seminar Titled 'Folk Literature and Folk Culture of Vadhiyar' Organized Jointly by Govt. Arts and Commerce College, Sami and Shree Zaverchand Meghani Loksahitya Kendra, Rajkot, 25th February 2021.
- Makwana Rajesh, Invited as a Panelist, Remarks on Book Release 'Presentation of Postcolonialism in English', 25th November 2020
- Makwana Rajesh, invited a Chief Guest on the Occasion of Swami Vivekanand Birth Anniversary (Nehru Yuva Kendra, Gandhinagar), 12th January 2021.

Participation in training/ orientation/refresher programme

- Makwana Rajesh, invited as Language Expert, Central Institute of Hindi, Agra at 'Gujarati-Hindi Vocabulary Making Workshop', One Week 25th November 2020 to 30 November 2020.

Research student/s guided

Sr. no.	Name	Nature of programme, whether M. Phil	No. of students guided
1.	Prof. Rajesh Makwana	M. Phil Ph.D.	02 CUG 02 HNGU 01 HNGU
2.	Dr. Ajaysinh Chauhan	M.Phil.	02

Participation of faculty in university governance as members of Committee or holding additional responsibilities.

Prof. Rajesh Makwana

- Chairperson, CGLL
- Liaison officer, SC/ST/PWD
- Proctor, (in charge) CUG
- Member, School Board (School of Language, literature, and culture studies)
- Member, Board of Studies for Centre for Gujarati Language, and literature
- Member, CASR, SLL&CS
- Member, Academic Council, CUG
- Member, Grievance Redressal Committee
- Member, Campus Development Committee
- Coordinator, Reception and Transport Committee, 3rd convocation CUG
- Coordinator, Invitation Committee, 3rd convocation CUG

Dr. Ajaysinh Chauhan

- Deputy PRO
- Member, local Purchase Committee (General Items)
- Member, local Purchase Committee (School of Language, literature and culture studies)
- Member, School Board (School of Language, literature and culture studies)
- Member, Board of Studies for Centre for Gujarati Language and literature
- Member, Academic Council CUG
- Member, Committee for Advanced Studies and Research, SLL& CS
- Member-Hospitality, Public Relation Committee, 3rd convocation
- Member, Document verification committee for Assistant Professor (CGLL)

Dr. Vijeta Gamit

- Member of Public Relation Committee, 3rd Convocation

Centre for Hindi Studies

About the Centre

Centre for Hindi Studies was established in 2011. The Centre offers M.A., M.Phil. and Ph.D. programs and few optional courses for undergraduate level programs of the University. Keeping in view the new opportunities developed for the students of Hindi in various fields of employment in the last decades. The courses are inter-disciplinary in nature. Special emphasis has been given to various genres of literature focused on women, Dalit, tribal, minority and marginalized sections of the society.

Faculties at the Centre

Professor Sanjeev Kumar Dubey, professor and dean

Areas of interest: Modern Hindi Fiction, Modern Hindi Poetry, Functional Hindi, Journalism and Media Studies

Professor Alok Kumar Gupta, senior professor

Areas of interest: Modern Literature, Comparative Literature, Indian Literature and Translation Studies.

Dr. Kingson Singh Patel (On lien), assistant professor

Areas of interest: Katha sahitya, Stree, Dalit Aur Adivasi Vimarsh.

Dr. Pramod Kumar Tiwari, assistant professor

Areas of interest: Language (Hindi), Folk literature (Bhojpuri), Journalism, Education and Modern Poetry (Hindi)

Dr. Gajendra Kumar Meena, assistant professor

Areas of interest: Adhunik Hindi Kavita, Hindi upanyas., Adivasi Sahitya, Dalit Sahitya.

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Dubey, Sanjeev Kumar.(2021). Desh Prem, Janhit aur Lok Shiksha ke Kathakar hain Premchand Aalochan Drishti, Jan-March 2021, ISSN: 2455-4219
- Dubey, Sanjeev Kumar. Tutate mulyon aur bikharte sambandhon ka aakhyan Soch Vichar, Year-12, Volume-10, ISSN: 2319-4375
- Tiwari, Pramod Kumar.(2020-21). Ghame Jana Ke Bahane Ghame Dauran Ki Baat Poorvagrah 171-72 (p.343-347) (UGC ref. no. 40958)
- Tiwari, Pramod Kumar Alakh Ko Lakhata Lok.(2021). Saakhi32- (Guru Gorakhnath ank (154-161)

- Tiwari, Pramod Kumar.(2021). Rishton per lagati thesh aur Renu ki parampara Kathadesh, Issue-7. 2021 (62-65)
- Meena, Gajendra Kumar.(2021). Gamana upnyas men Garasiya Adivasi Academic Jagat, Edited by Dr. Jahidul Dewan, Vol.3, Issue-5, Delhi, Page 2-7

Papers published in edited Volume

- Dubey, Sanjeev Kumar, Samkalin Hindi Kahaniyon me Gandhi Smriti in Gandhi aur 1980 ke Baad kaa Hindi-Gujarati Sahitya, Sahitya Academy, Delhi (978-93-90310-41-8) First addition
- Gupta, Alok Kumar (2020). Gujarat ka Lok-Natya: Bhavai: Rangpat Setu Prakashan, Delhi 2020. ISBN 978-93-90310-41
- Gupta, Alok Kumar. (2020). Gandhi Aur 1980 Ke Bad Ka Hindi-Gujrati Sahitya In gupta Alok(edited), Gandhi aur 1980 ke Baad kaa Hindi-Gujarati Sahitya(Edited), Sahitya Academy, Delhi (978-93-90310-41-8)
- Patel, Kingson Singh. (2020). Vimarshvadi Kahaniyon mein Gandhi, Gandhi aur 1980 ke Baad kaa Hindi-Gujarati Sahitya(Edited), Sahitya Academy, Delhi (978-93-90310-41-8)
- Tiwari, Pramod Kumar. (2020). Natakon Mein Gandhi aur Gandhi mein Naatak. In Gupta Alok(edited) Gandhi Aur 1980 Ke Baad ka Hindi-Gujarati Sahitya. (P. 232-237) Sahitya Academy, New Delhi 978-93-90310-41-8
- Meena, Gajendra Kumar. (2020). 1980 ke Baad kee Hindi Kavita mein Gandhi. In Gupta Alok(edited)Gandhi aur 1980 ke Baad kaa Hindi-Gujarati Sahitya, (P.81-92) Sahitya Academy, Delhi (978-93-90310-41-8)

Other Publications (Magazines, Newspapers, web portals)

- Dubey, Sanjeev Kumar, (2020). An interview on National Education Policy. Academic Jagat, Edited by Dr. Jahidul Dewan, Vol.3, Issue-5 (ISSN: 2582-47-75), Delhi, Page 2-7
- Tiwari, Pramod Kumar. (2021). Kahan se aata hai fagun - Garbhanal, Issue-2 (p.30-31) 2249-5967 (ISSN) <https://www.garbhanal.com/2021-apr>
- Tiwari, Pramod Kumar (2021). Sanskritik poonji aur bhasha. Garbhanal, Issue-1(p.08-09) 2249-5967 (ISSN) <https://www.garbhanal.com/2021-mar>
- Tiwari, Pramod Kumar (2021). Insaan banana ka awasar. Garbhanal, Issue-3 (p.18-19) 2249-5967(ISSN) <https://www.garbhanal.com/2020-may>
- Tiwari, Pramod Kumar. (2021). Maukhik dunya banam likhit duniya. Garbhanal, Issue-2(p.09-11). 2249-5967(ISSN) <https://www.garbhanal.com/2020-apr>

- Tiwari, Pramod Kumar. (2020). Vishnu Chandra Sharma: wah Ek Akela Karmasheel - Samalochan 12 Dec. 2020, https://samalochan.blogspot.com/2020/12/blog-post_12.html

Papers presented at international seminar/webinar/conference/workshop, etc.

- Dubey, Sanjeev Kumar. Bahuvishyakta aur Bhasha. Bhasha evam Sahitya shikshan ke aayam. Organized by Mahatma Gandhi antararashtriya Hindi Vishwavidyalaya, Vardha evam Vasant Mahila mahavidyalaya Varanasi, U.P. March 3-14, 2021.
- Dubey, Sanjeev Kumar. Gujarat me Nath Panth ka Prabhav. Nath Panth ka Vaishwik Pradeya. Organized by DDU Gorakhpur University, Gorakhpur, U.P. March 20-22, 2021

Papers presented at National/Regional level seminar/webinar/conference/

- Dubey, Sanjeev Kumar. Rashtriya Shiksha Niti aur Hindi. Rashtriya Shiksha Niti aur Bhartiya Bhashayen. Organized by K.J. Somaiya College, Kopargaon, Ahmednagar. October 6, 2020
- Dubey, Sanjeev Kumar. Hindi me Rojgar ki Sambhavnayen. Suchana Praudyogiki aur Hindi me Rojgar ki Sambhavnayen Organized by SMT R.C. Gardi Arts College, Mahisagar, Gujarat. October 08, 2020
- Dubey, Sanjeev Kumar. Premakhyanak Kavy Parampara aur Sufi Kavya. Madhykalin Kavya Parampara. Organized by Hindi Sahitya Academy, Gandhinagar and Anand Institute of PG Studies, Anand, Gujarat. February 13, 2021
- Gupta, Alok Kumar. Adhunik Hindi Kavita me Rashtriya Chetna. Rashtriya Webinar Hindi sahitya Academy, Gandhinagar and S.V. Patel Mahila Arts Commerce College Himmatnagar. March 20, 2021.
- Gupta, Alok Kumar. Rashtrabhasha Hindi: Dalit, Adivasi, Mahila Swar, Madhyakalin kavya Parampar, National Webinar Hindi Sahitya Academy at Gandhinagar and Adivasi Arts and Commerce College, March 10, 2021.
- Gupta, Alok Kumar. Madhyakalin kavya Parampara session chairperson for the National Seminar Organized by Gandhinagar and Anand Institute of P.J. Studies in Arts. February 13, 2021
- Gupta, Alok Kumar. Corona Kal Me Sahitya ka mahatva-Badalte Paridryash me Samaj aur Sahitya. Webinar on Corona Kal me Sahitya ka Mahatva Organized by Hindi Department, Udaipur, MLSU, Udaipur. August 20, 2020
- Gupta, Alok Kumar. Bharatiyata ki Avadharna aur Bharatiya Sahitya. National Seminar for the Speech. Organized by Mahatma Gandhi Kashi Vidhyapeeth and IGNOU. August 3-14, 2020

- Tiwari, Pramod Kumar. Hindi Bhasha aur Rashtriya Shiksha Niti-2020. Rashtriya evam Antarrashtriya pariprekshya mein Hindi Organized by Jain School of Sciences, Bengaluru, International Web Lecture Series. 2- November 7, 2020
- Tiwari, Pramod Kumar. Sangeet aur Mahatma Gandhi. A Weeklong Gandhi Film Festival & A Two-day International Webinar Organized by Central University of Gujarat, Gandhinagar September 30- October 7, 2020.
- Tiwari, Pramod Kumar. Jeevan aur Nirmitiyon ke Beech Kahani. Organized by 6th Global literary festival Marwah studio, ICMEI, September 18, 2020
- Tiwari, Pramod Kumar. Bhojpuri Chitrakala Ka Bhavishya. Bhojpuri Chitrakala: Kal, Aaj aur Kal. Organized by Panchmel web Group. Chhapra, Bihar. September 6, 2020
- Tiwari, Pramod Kumar. Kissa, Kahani aur Jeevan, Swatantryottar Hindi Katha Sahitya, Organized by Rajkiya Mahavidyalaya, Sidharth University, Sant Kabir Nagar, U.P. September 4, 2020
- Tiwari, Pramod Kumar. Rachnatmakata aur Sahitya, organized by Sri S.S. Jain Women College, Chennai. May 5, 2020
- Meena, Gajendra Kumar. Vishwani ane Bharteeya Bhashama Adivasi Sahitya ma Abhivyakta Manaveeya Samvedena. Webinar topic on “The Remarkable Impact of Gujarati Tribal Literature on Indian Literature. Zaverchand Meghani Losahitya Kendra, Rajkot & S.D. Arts & Shah B.R. Commerce College, Manasa, (Gujarat) January 22, 2021
- Meena, Gajendra Kumar, Rajasthan ke Aadivasee Kendrit Hindi Upanyas. “Tribal Folk Literature of Gujarat and Rajasthan” organized by Centre for Gujarati Language and Literature, Central University of Gujarat & Gujarat Sahitya Academy, Gandhinagar at Gandhinagar. (Gujarat), September 23-24, 2020

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Dubey, Sanjeev Kumar, resource person at Hindi Kahani ki Nayi Sadi ka Yuva Paridrishy. Series by Sahitya Parishad, CUG. April 29, 2020.
- Dubey, Sanjeev Kumar, resource person at Janhit ke kathakar the premchand. Online Distinguished Guest Lecture on Premchand Jayanti by MLSU, Udaipur. July 31, 2020.
- Dubey, Sanjeev Kumar, resource person at Nayi Shiksha Niti aur Hindi. Hindi Diwas, CUG. September 17, 2020.
- Dubey, Sanjeev Kumar, resource person at Samkalin Hindi Kavita ka Paristhitiya Pariprekshya Refresher Course, HRDC, Calicut University. November 12, 2020.

- Dubey, Sanjeev Kumar, resource person at Hindi Katha Sahitya me Vimarshmoolak shodh. Lecture in Ph.D. course work organized by Hindi Dept. Bhavnagar University, Bhavnagar. November 26, 2020.
- Dubey, Sanjeev Kumar, resource person at Electronic Media aur Hindi. Online Distinguished lecture at RashtraSant Tukadoji Maharaj Nagpur Vishvavidyalaya, Nagpur. January 23, 2021.
- Gupta, Alok Kumar, resource person at Hindi kaavya me Shodh ki Bhumiyan. Lecture Ph.D. course work, Hindi Dept. Bhavnagar University, Bhavnagar. November 22, 2020. As a resource person.
- Gupta, Alok Kumar, resource person at Anuwad ki Vyavharik Samasyayen. Lecture Short term course course on Translation Studies, UGC HRDC, Gujarat University, Ahmedabad. December 25, 2020.
- Tiwari, Pramod Kumar as subject expert for Preparation of Research proposal, course work at Sabarmati University. December 2, 2020
- Tiwari, Pramod Kumar as subject expert for thesis writing, course of M.Phil./Ph.D. Programme at Sabarmati University. December 3, 2020.
- Tiwari, Pramod Kumar as a resource person for Refresher course organized by HRDC, Rani Durgawati Vishwavidyalaya, Jabalpur, MP. March 17, 2021.
- Meena, Gajendra Kumar, As a resource person at Adivasi Jeevan Kendrit Hindi Upnyas Shodh samvad- Research Forum Delhi. July 5, 2020.

Participation in training/ orientation/refresher programme

- Tiwari, Pramod Kumar. 2nd Refresher course in Hindi by UGC-HRDC JNU in online mode from October 19 to 31, 2020. as a Participant

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered during 2020-21
Dubey, Sanjeev Kumar	M.Phil.	03
Gupta, Alok Kumar	M.Phil.	1
	Ph.D.	4
Patel, Kingson Singh	M.Phil.	1
	Ph.D.	4

Participation of faculty in university governance as members of Committee or holding additional responsibilities

Dubey, Sanjeev Kumar

- Controller of Examination (Offg.)
- Chairperson, Admission Committee and Nodal Officer, CUCET – 2020
- Honorary Director, Centre for Sindhi Language and Literature
- Chairperson, Ordinance and Statutes Committee
- Member of Academic Council
- Member of Executive Council
- Member, Centre Board of Centre for Hindi Studies.

Gupta, Alok Kumar

- Registrar of the University

Tiwari, Pramod Kumar

- Secretary of the University Cultural committee.
- Member, Centre Board of Centre for Hindi Studies.
- Member, School of Language Literature and Cultural Studies School Board.
- Member of Annual Report Committee 2020-21

Meena, Gajendra Kumar

- Member of School of Language, Lit. & Culture Studies Board.
- Member of IQAC Related work sub-Committee.
- Member of Centre Board of Centre for Hindi Studies.
- Member of Zero Semester Committee.
- Member of the Grievances related to cast and category based discrimination committee.
- Member of Committee for preparation of Annual Report 2020-21
- Member of organizing committee Hindi Week 2020.

Honours and achievements such as prize, fellowship, award, patent rights, etc.

- Gupta, Alok Kumar, Sahitya Gaurav Samman, Gujarat Sahitya Academy, Gandhinagar
- Gupta, Alok Kumar Anuwad Puraskar, Sahitya Academy, New Delhi

Centre for Sindhi, Language and Literature

The Centre for Sindhi, Language and Literature (CSLL) was established at Central University of Gujarat with the financial support of National Council for Promotion of Sindhi Language (NCPSL), New Delhi. As per its mandate it catered to the needs of promoting Sindhi language through its certificate course. Many books were purchased to equip students and researchers in the acquisition of Sindhi language. The ongoing pandemic situation hampered the activities during the year.

School of Library and Information Science

About the School

The School of Library and Information Science offers programmes which are highly relevant in the present context of knowledge society. It has been established with the objectives to train competent human resource to build and maintain the reservoir of memory, to conserve and communicate culture, heritage, science, art and folk traditions of the nation; to prepare students in the application of ICT; to develop competent professionals for promoting access to useful knowledge by the process of digitization and to involve in capacity building activities to create a Digital India at large. The teaching process involves interactive lectures, video tutorials, field visits, internship, assignments and seminars, projects and hands-on training.

Programs offered

- Master of Library and Information Science (M. Lib. I. Sc.) (Two Year Program)
- PhD in Library and Information Science

Faculties at the School level

Dr. Bhakti Gala, Assistant Professor & Coordinator

Areas of Interest: Information Literacy, Information Seeking Behavior, Open Access & Open Content, Digital Archives & Preservation, Community Informatics, Metadata, social media and Libraries, Sustainable Libraries, Social use of information in diverse cultures

Dr. Kumbar Rashmi T., Assistant Professor

Areas of Interest: Information Literacy, Library & Information Management, Information Resources & Services, Knowledge Management, School Librarianship, Life Skills. Academic Writing and Teaching Pedagogy.

Dr. Minaxi A Parmar, Assistant Professor

Areas of Interest: Library and Information Management, Library Administration, Information Resources and Services, College Librarianship, Library Automation, Bibliometrics, Knowledge Processing.

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Manu, T R and Gala, B. (2020). Research Data Management: An Evaluation of Indian Research Funding Agencies' Policies and Guidelines. *Library Herald*, 58(4), 42-65. <https://doi.org/10.5958/0976-2469.2020.00030.9>
- Potnis, D, Gala, B. and Deosthali, K. (2020). Investigating “message forwarding behavior” of mobile phone users: Exploring the link between message content, user sentiment, and user intention to forward messages on social media-based instant messaging platforms. *First Monday*. 25(8).<https://doi.org/10.5210/fm.v25i8.10651>

- Potnis, D. and Gala, B. (2020). Best practices for conducting fieldwork with marginalized communities. *Information Processing and Management*, 57(3). <https://doi.org/10.1016/j.ipm.2019.102144>
- Katagi, S. and Gala, B. (2020). Social tags of select books written by Mahatma Gandhi: A comparative study of Library Thing tags and OCLC Fast subject headings. *DESIDOC Journal of Library & Information Technology*, 40 (01)382-387. <https://doi.org/10.14429/djlit.40.01.15138>
- Parmar, Minaxi (2020) Research output on ICT application and digital commons in LIS field: A Bibliometric study. *International journal of library and information studies*, Vol. 10, Issue 2 Apr-Jun 2020.

Papers published in edited volume

- Manu, T R and Gala, Bhakti. (2021). Data Curation Activities in Research Data Repositories: Best Practices. In M. Parmar (Ed.), *Proceedings of the Virtual International Conference of Statistical Tools and Techniques for Research Data Digital Analysis -ICSTRDA 2021* (pp. 43-51). Century Publication.
- Manu, T R and Gala, Bhakti. (2021). Research Data Management Service in Libraries of Science and Technology Institutes in India: Perceptions of Librarians. In Jayatissa L.A. & Gamage, Ruwan, (Eds.), *Proceedings of the NILIS Research Symposium 2020: Challenges and Opportunities for Libraries in the New Normal* (pp. 18-19). National Institute of Library and Information Sciences, University of Colombo, Sri Lanka.
- Debnath, Sourav and Gala, Bhakti. (2021). Library Services in India during Covid-19. In Jayatissa L.A. & Gamage, Ruwan, (Eds.), *Proceedings of the NILIS Research Symposium 2020: Challenges and Opportunities for Libraries in the New Normal* (pp. 49-50). National Institute of Library and Information Sciences, University of Colombo, Sri Lanka.
- Kumbar, R. (2020). Adapting Digital Pedagogy in LIS Schools to Teach Innovative Library Services. In Shivaram & Mahesh (Ed.), *Reinventing Excellence in Librarianship* Bangalore, Sunstar Publishers.
- Shashikumara AA; Kumbar, R. (2021). Application of Information Visualization in Academic Libraries: An Overview. In Minaxi Parmar (Ed.) in *Conference Proceedings International Virtual Conference on Statistical Tools & Techniques and Research Data Analysis* (pp. 36-39). New Delhi, Century Publications.
- Sagender, Parmar; Kumbar, R. (2021). Techniques for Analyzing Usefulness of Open Educational Resources in In Minaxi Parmar (Ed.) in *Conference Proceedings International Virtual Conference on Statistical Tools & Techniques and Research Data Analysis* (pp. 36-39). New Delhi, Century Publications.

Papers presented at international seminar/webinar/conference/workshop, etc.

- Bhakti Gala and Pallavi. YouTube in India: Government Initiatives & Libraries. Invited participation for the panel discussion on Targeting YouTube generation: Libraries' role beyond covid-19 organized by the Institute of Information Management, University of the Punjab, Pakistan and ASIS&T South Asia. 25th March 2021.
- Manu, T R and Gala, Bhakti. Data Curation Activities in Research Data Repositories: Best Practices. Virtual International Conference of Statistical Tools and Techniques for Research Data Analysis -ICSTRDA 2021, School of Library and Information Science, Central University of Gujarat, Virtual, 21-22 January 2021.
- Manu, T R and Gala, Bhakti. Research Data Management Service in Libraries of Science and Technology Institutes in India: Perceptions of Librarians. NILIS Research Symposium 2020: Challenges and Opportunities for Libraries in the New Normal, National Institute of Library and Information Sciences, University of Colombo in collaboration with Association of Library and Information Science (ASIS&T), South Asia Chapter, Virtual, 23rd January 2021.
- Debnath, Sourav and Gala, Bhakti. Library Services in India during Covid-19. NILIS Research Symposium 2020: Challenges and Opportunities for Libraries in the New Normal, National Institute of Library and Information Sciences, University of Colombo in collaboration with Association of Library and Information Science (ASIS&T), South Asia Chapter, Virtual, 23rd January 2021.
- Kumbar, R. (2020, June). Mentoring Student Interns in Indian Libraries: A Framework for Faculty Librarian Collaboration. Poster presented at Educators Poster Session in the Virtual Event '2020 American Library Association Annual Conference', June 24-26, 2020.

Papers presented at national/regional level seminar/webinar/conference/ workshop, etc.

- Gala Bhakti. Open learning resources: an overview. Shri P T Sarvajanic College of Science, Surat. June 20, 2020. Online Webinar
- Gala Bhakti, Providing Online Services: Searching Skills. ADINET Online Workshop on Up-skilling Librarians to Upgrade Online Services, May 4-8, 2020. May 7, 2020. Online Workshop.
- Kumbar, Rashmi 'Adapting Digital Pedagogy in LIS Schools to Teach Innovative Library Services', 'Reinventing Excellence in Librarianship', LISACON 2020 National Virtual Conference LIS Academy, Bengaluru. August 28, 2020
- Parmar Minaxi, Research Output of Diaspora at Scopus Electronic Platform. International Conference on 'Diaspora Governance in International Relations: Opportunities and Challenges for India, CDS, CUG, Gandhinagar 10-11 February 2020

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Gala Bhakti. Referencing Styles and Tools, Invited Lecture, at Department of Human Development and Family Studies, The Maharaja Sayajirao University of Baroda, Vadodara. March 27, 2021.
- Gala Bhakti. Effective Searching Techniques and Accessing e-Resources of Library. Invitation from Centre for Studies in Social Management, Central University of Gujarat. 25th February 2021. Invited Lecture.
- Gala Bhakti. Using Digital Archives for Research in Humanities and Social Sciences. Invitation from Centre for English Studies, School of Language and Literature, Central University of Gujarat. 13th January 2021. Invited Lecture
- Gala Bhakti. Using Digital Archives for Research in Humanities and Social Sciences. Invitation from Centre for English Studies, School of Language and Literature, Central University of Gujarat. 30th December 2020. Invited Lecture.
- Gala Bhakti. Innovative Library Services. ADINET (Advanced Library Network) to deliver a talk on Innovative Practices and Services 2020. ADINETseries in memory of Dr. H Anilkumar. 31st October 2020. Invited Lecture.
- Kumbar Rashmi T, Invited Talk on ‘School Librarians can make a Difference!’, Webinar Series, Odisha Library Academy Study Circle, Bhubaneswar, 25th July 2020, Resource Person
- Kumbar Rashmi T, Invited Talk on ‘Role of School Librarians in the context of NEP-2020’ DAV Schools, Odisha, 23rd August 2020, Resource Person
- Kumbar Rashmi T, Invited Talk on ‘Pandemic and Beyond: An Opportunity for School libraries to Accelerate, Align and Ace’ School Library Association – India, 12th December 2020, Resource Person
- Kumbar Rashmi T, Invited Talk on ‘Community Participation, Mentoring and Monitoring Mechanism of a Reading Campaign: An Overview’, 3 Day State Level Orientation Programme on ‘Effective Utilization of Library Resources and Management’, Govt of Andhra Pradesh, Dept of School Education, Samagra Shiksha, 29th January 2021, Resource Person
- Kumbar Rashmi T, Hands-on sessions on ‘Enhancing Reading Habits, Collaborative Learning and Promotion and Publicity of School Libraries’, for ‘Certificate in School Library’ course conducted by IUCTE, Regional Institute of Education, Mysuru, NCERT from 18th Feb – 12th March 2021, Resource Person
- Kumbar Rashmi T, ‘Competencies to transform libraries of higher education institution’ during the Short-Term Training Program on “Recent Trends in Innovative & Smart Libraries in

HEIs" sponsored by AICTE and GTU and in association with INFLIBNET Gandhinagar, 5th March 2021, Resource Person

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):

- Parmar, Minaxi, International Virtual Conference on Statistical Tools and Techniques for Research Data Analysis (ICSTRDA – 2021) organized by the School of Library and Information Science, Central University of Gujarat, 21-22, January 2021 at the School of Library & Information Science, Central University of Gujarat, Gandhinagar, Gujarat, Programme Convener.
- Parmar, Minaxi. International Virtual Conference on Statistical Tools and Techniques for Research Data Analysis (ICSTRDA – 2021) organized by the School of Library and Information Science, Central University of Gujarat, 21-22, January 2021 at the School of Library & Information Science, Central University of Gujarat, Gandhinagar, Gujarat, Programme Technical Session Moderator.
- Gala, Bhakti, International Virtual Conference on Statistical Tools and Techniques for Research Data Analysis (ICSTRDA – 2021) organized by the School of Library and Information Science, Central University of Gujarat, 21-22, January 2021 at the School of Library & Information Science, Central University of Gujarat, Gandhinagar, Gujarat. Programme Committee Member.
- Gala, Bhakti, International Virtual Conference on Statistical Tools and Techniques for Research Data Analysis (ICSTRDA – 2021) organized by the School of Library and Information Science, Central University of Gujarat, 21-22, January 2021 at the School of Library & Information Science, Central University of Gujarat, Gandhinagar, Gujarat, Technical Session Moderator.
- Gala, Bhakti, International Virtual Conference on Statistical Tools and Techniques for Research Data Analysis (ICSTRDA – 2021) organized by the School of Library and Information Science, Central University of Gujarat, 21-22 January 2021, Chaired Workshop on R Markdown: Authoring Framework for Scholarly Communication.
- Gala, Bhakti, NILIS Research Symposium 2020: Challenges and Opportunities for Libraries in the New Normal jointly organized by the University of Colombo, Sri Lanka and ASIS&T, USA, 23rd January 2021, Programme Committee Member- Co-Chair.
- Gala, Bhakti, NILIS Research Symposium 2020: Challenges and Opportunities for Libraries in the New Normal jointly organized by the University of Colombo, Sri Lanka and ASIS&T, USA, 23rd January 2021, Chair, Plenary Session on Moving forward: Covid 19 & libraries.
- Gala, Bhakti, National Level Webinar on "Free and Open-Source Education Resources in Teaching and Learning in Academic Institutions: Scope and Challenges" organized by the Central Library & IQAC, Dinabandhu Mahavidyalaya, West Bengal. August 31, 2020, Participant.

- Gala, Bhakti, Designing sustainably agile and resilient libraries for the post covid-19 world. Organized by ADINET, Ahmedabad. 28th July 2020, Participant.
- Gala, Bhakti, Creativity Workshop for 21st Century Librarians organized by ADINET, Ahmedabad. 17th June 2020, Participant.
- Gala, Bhakti, Third JNU Workshop on Empowering Teaching Through Online Mode. Theme: Online Assessment and Evaluation organized by Jawaharlal Nehru University, New Delhi. June 13-14, 2020. Participant.
- Kumbar, Rashmi T, 1st Meeting of Board of Studies in Library and Information Science, Somaiya Vidya Vihar University, Mumbai, 25th February 2021, Member
- Kumbar, Rashmi T, National Webinar on 'Effective Use of Electronic Resources in Academia during COVID-19 Outbreak', 11th July 2020, Participant
- Kumbar, Rashmi T, One-Day Workshop on 'Performance Based Appraisal System (PBAS) – Academic Performance Indicators (API) for Teachers, 23rd July 2020, Participant
- Kumbar, Rashmi T, Webinar on 'Redesigning of Library Services in the Covid-19 Scenario and Beyond', 19th November 2020, Participant
- Kumbar, Rashmi T, AHSF Library Seminar on 'Library as an Engine of Change in New Normal', 25th & 26th November 2020, Participant
- Kumbar, Rashmi T, International Virtual Conference on Statistical Tools & Techniques and Research Data Analysis, 21st & 22nd January 2021, Member of Organizing Committee
- Kumbar, Rashmi T, 2-Day workshop 'LIBRARIES-2021' under PMMMNMTT, 27th & 28th February 2021, Convenor

Participation in training/ orientation/refresher programme

- Parmar, Minaxi, Refresher Course in Library and Information Science, 28th September – 11th October 2020. Participant.
- Gala, Bhakti, 7 Day Faculty Development Programme on Institutional Benchmarking of Best Practices offered by Shri Maklikarjun and Shri Chetan Manju Desai College, Canacona, Goa, 8th – 4th June 2020, Participant.
- Gala, Bhakti, Refresher course on Social and Behavioural Research offered by the Collaborative Institutional Training Initiative (CITI) Program, University of Tennessee- Knoxville, USA, June 2020, Participant.
- Kumbar, Rashmi T, FDP on Skills for Librarianship through National Webinar Lecture Series, 16th May – 21st June 2020, Participant & Rapporteur.

- Kumbar, Rashmi T, Refresher Course in Library and Information Science, 31st August – 12th September 2020, Participant.,

Research student/s guided

Name of the Guide	Nature of programme, whether M. Phil/Ph.D.	No. of students registered during 2020-21
Dr. Minaxi A Parmar	PhD	02
Dr. Bhakti Gala	PhD	01
Dr. Kumbar, Rashmi T	PhD	01

Extension, outreach and other similar activities undertaken by the Centre and its faculty:

- Guided the 2nd issue of the newsletter 'CHARM World' bought out by student volunteer group 'Council of Heuristic Apprenticeship and Resource Management' (CHARM)
- Virtual Library Tour for "SEARCH-KMC Manipal Health Science Library Tour" dated February 13, 2021 by Dr. Shivanand Bhat K.
- Virtual Library Tour with "The Mann School Library" dated February 21, 2021 by Mr. Lakhmi Chand Goyal
- National Book week celebration on "Books as companion, guide and source of knowledge in the journey of life" dated November 29, 2020 by Dr. Bipin Modi (Librarian) M.J. Library & Dr. Zakia Firdaus
- Hands on Session on "Basic of APA" dated 18.12.2020 by Mr. Sagender
- Experience Sharing Session on "Creating Digital Library and Online Internship" dated 01.01.2021 by Final Year Students
- Scholarship related session on "Availability of Scholarship for PG students" dated 08.01.2021 by Ms. Amreen Taz

Participation of faculty in university governance as members of Committee or holding additional responsibilities.

Dr. Minaxi Parmar

- SLIS Coordinator
- Faculty Representative for Students' election
- Member Discipline committee of Students' election
- Deputy Dean of Students' Welfare
- Committee Member - Grievances related to Cast & Category
- EBSB-LPC committee member
- Student council member - office bearer election
- Fact Finding Committee member

- International Women's Day celebration committee member
- Appointment of Co-opted member at Centre for German Studies
- Appointment of Purchase officer, DSW office
- Editorial Committee member for MANASA Magazine
- Member, School Board, SLIS
- Member, CASR SLIS
- Member, Constitution Day Celebration Committee member
- Member, Hostel Shifting Process monitoring committee
- Member, Document verification committee member for appointment of Guest Faculty
- EBSB Convenor
- Member, SRF Interview committee
- Member, Sports Advisory committee

Dr. Bhakti Gala

- Coordinator, SLIS, CUG till 20 August 2020.
- Annual Report 2019-20
- Board of Studies, SLIS, CUG
- CASR, SLIS, CUG

Dr. Rashmi Kumbar

- Member of Purchase Officer (September 2020 onwards)
- Member of 'Distribution of Medal and Degree certificate Committee' (3rd Convocation 23rd February 2021)
- Board of Studies, SLIS, CUG
- CASR, SLIS, CUG

School of Life Sciences

About the School

Ever since its foundation in 2010 as an independent school in the Central University of Gujarat (CUG), the School of Life Sciences (SLS) has demonstrated an unfailing commitment towards imparting quality education and training as well as promoting advance research in the frontier areas of biological sciences. The nature of courses offered is interdisciplinary, intricately integrated with close interface between biological and physical sciences. The school has access to a well-equipped Central Instrumentation Facility (CIF) to support the advance experimentation and provide avenues for high quality research. In addition, school has its own world class, well-equipped laboratories to enable cutting edge research in the field of cancer biology, metabolic disorders and inflammatory pathogenesis, nano-biomaterials and tissue engineering, bioinformatics, drug delivery and antimicrobial resistance.

Programs offered

- M.Sc. in Life Sciences
- Ph.D. in Life Sciences

Faculties at the School level:

Dr. Seema Rawat, Professor and Dean

Areas of interest: Molecular Microbial Ecology & Microbial Technology

Dr. J.P.N. Mishra, Professor (Retd. On 31/12/2020)

Areas of interest: Sleep and Circadian Rhythm Physiology & Neuroendocrinology

Dr. Umesh C.S. Yadav, Professor (On Lien)

Areas of interest: Metabolic disorder and inflammatory diseases

Dr. Rajesh Vasita, Assistant Professor

Areas of interest: Biomaterials and tissue engineering

Dr. Sunita Patel, Assistant Professor

Areas of interest: Biochemistry/Biophysical Chemistry

Dr. Anju Pappachan, Assistant Professor

Areas of interest: Structural Biology

Dr. Swati Joshi, Assistant Professor (On Contract)

Areas of interest: Industrial Microbiology and Biotechnology

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Solanki, R., Patel, K., & Patel, S.* (2021). Bovine Serum Albumin Nanoparticles for the efficient delivery of Berberine: Preparation, Characterization and In vitro biological studies. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 608, 125501-125510. <https://doi.org/10.1016/j.colsurfa.2020.125501>
- Jain, P., Patel, K., Jangid, A. K., Guleria, A., Patel, S., Pooja, D. & Kulhari, H. (2020). Modulating the Delivery of 5-Fluorouracil to Human Colon Cancer Cells using multifunctional Arginine-Coated Manganese Oxide Nanocuboids with MRI properties. *ACS Applied Biomaterials*, 3, 6852-6864. <https://doi.org/10.1021/acsabm.0c00780>
- Jangid, A. K., Patel, K., Jain, P., Patel, S., Gupta, N., Pooja, D. & Kulhari, H. (2020). Inulin-pluronic-stearic acid based double folded nanomicelles for pH-responsive delivery of resveratrol. *Carbohydrate Polymers*, 247, 116730. <https://doi.org/10.1016/j.carbpol.2020.116730>
- Sangeeta., R, Punam., Kumar, R.V., Bhatt, B.S., Chahwala, F.D., Yadav, B.K., Patel, S., Singh, B. & Singh, A.K. (2021). Two distinct monopartite begomovirus-betasatellite complexes in western India cause tomato leaf curl disease. *Virus Research*, 295, 198319-198327. <https://doi.org/10.1016/j.virusres.2021.198319>
- Kumar Meena, L., Rather, H. & Vasita, R. (2020). Single-Step Fabrication of Core–Shell Microgels for the Controlled Release of rhBMP-2 and Simvastatin to Induce Osteogenesis, *ACS Applied Polymer Materials*, 2,11, 4902-4913. <https://doi.org/10.1021/acsapm.0c00815>
- Sofi, H.S., Akram, T., Shabir, N., Vasita, R., Jadhav, A.H. & Sheikh, F.A. (2020). Regenerated cellulose nanofibers from cellulose acetate: incorporating hydroxyapatite (HAp) and silver (Ag) nanoparticles (NPs), as a scaffold for tissue engineering applications, *Materials Science and Engineering: C*, 111547. <https://doi.org/10.1016/j.msec.2020.111547>
- Rather, H., Patel, R., Yadav, U. & Vasita, R. (2020). Synergistic effect of osteoconductive polycaprolactone-collagen fibers encapsulated dexamethasone and simvastatin to induce early osteogenic differentiation and angiogenesis. *Biomedical Materials*. 14 (4), 045008. DOI: 10.1088/1748-605X/ab7978
- Jhala, D., Rather, H. & Vasita R. (2020). Extracellular matrix mimicking polycaprolactone-chitosan nanofibers promote stemness maintenance of mesenchymal stem cells via spheroid formation, *Biomedical Materials*, 15(3), 035011. (DOI: 10.1088/1748-605X/ab772e)

Papers published in edited volume

- Joshi, S., Bajpai, A. & Johri, B.N. (2020). Extremophilic fungi at the interface of climate change. In V. Sharma, M. Shah, S. Parmar, A. Kumar (Eds.), *Fungi Bio-Prospect in Sustainable Agriculture, Environment and Nano-Technology Vol.2. Sustainable Agriculture, Environment and Nano-technology* (pp. 1-21) Elsevier.
- Hirvaniya, N.R., Khatnani, T.D. & Rawat, S. 2021. Bioremediation of heavy metals from wastewater treatment plants by microorganisms. In M. Shah and S.S. Rodriguez-Couto. *Microbiology of wastewater treatment plants* (pp. 411-433). Elsevier.

- Malik, T. & Rawat, S. 2021. Microbial valorization of coir pith for development of compost and bioethanol production. In S. Shah, V. Venkatramanan and R. Prasad (Eds.) Bio-valorization of waste (pp. 1-20). Springer Nature.
- Patel, H. & Rawat, S. 2021. Thermophilic fungi: Diversity, physiology, genetics, and applications. In J. Singh and P. Gehlot (Eds.). New and future developments in microbial biotechnology and bioengineering. Recent advances in application of fungi and fungal metabolites: Current aspects (pp. 69-104). Elsevier.
- Verma, P. & Rawat, S. 2021. Rhizoremediation of heavy metal- and xenobiotic-contaminated soil: An eco-friendly approach. In: Shah, M.P. (Ed.) Removal of emerging contaminants through microbial processes (pp. 95-113). Springer.
- Chauhan, R., Patel, H. & Rawat, S. 2020. Biosorption of carcinogenic heavy metals by bacteria: Role and mechanism. In: Shah, M.P. (Ed.) Removal of emerging contaminants through microbial processes (pp. 237-263). Springer.
- Mushtaq, A. & Rawat, S. 2020. Plant-microbe interactions: An insight into the underlying mechanisms to mitigate diverse environmental stresses. In: Sharma, A. (Ed.) Microbes and signalling biomolecules against plant stress. Strategies of plant-microbe relationships for better survival (pp. 127-150). Springer.
- Malik, T. & Rawat, S. 2020. Biotechnological interventions for production of flavour and fragrance compounds. V. Venkatramanan, S. Shah and R. Prasad (Eds.) Sustainable bioeconomy. Pathways to sustainable development goals (pp. 131-170). Springer
- Ranawat, P. & Rawat, S. 2020. Radiation-resistant thermophiles: From high temperature and radiation to engineered bioremediation. In J. Sangeetha, D. Thangadurai and S. Islam (Eds.). Beneficial microbes for sustainable agriculture and environmental management (pp. 287-318). Apple Academic Press.

Papers presented at international seminar/webinar/conference/workshop, etc.

- S. Patel, A. Datta "Biophysical insight into the binding of Chlorin p_6 to Sudlow's site II of Human Serum Albumin" ACS Spring 2021 on Macromolecular Chemistry: The Second Century, April 5-30, 2021. Member of ACS. Paper ID: 3547763.
- S. Patel, K. Patel and R. Solanki "Enhancing the anticancer efficacy of Piperlongumine by using protein nanocarrier" International Conference on Recent Trends in Life Sciences 2021 (Virtual Conference) organized by Journal of Natural Products and Traditional Medicine from March 13-14, 2021.
- S. Patel, K. Patel and R. Solanki "Human Serum Albumin as a nanocarrier for the efficient delivery of Piperlongumine: Preparation, Characterization and In vitro studies" 4th International Conference on Recent Trends in Bioengineering (ICRTB 2021) at MIT-ADT University, Pune, India, From February 12-13, 2021.

- S. Patel “Evaluation of the efficiency of berberine loaded bovine serum albumin nanoparticle for breast cancer therapy” EMBO virtual Workshop in Chemical Biology 2020, organized by European Molecular Biology Organization (EMBO) from 3-5 September 2020.
- S. Patel, R. Solanki and K. Patel “Berberine encapsulated Bovine Serum Albumin nanoparticle for Breast Cancer therapy” Virtual-International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCR-2020) organized by Association of Cancer Education and Research (ACER), School of Life Sciences, B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai, India, in association with W. M. Keck Centre for Cellular Imaging, University of Virginia, USA & Tamil Nadu State Council for Science & Technology (TNSCST) held during June 25-27, 2020. won Young Scientist award
- Mochi Jigneshkumar and A. Pappachan, Two proteins ADSS & ADSL in purine salvage pathway used as drug target in Leishmania donovani. 9th annual Edinburgh Infection Disease symposium. 10th to 11th November 2020. (Online poster presentation)
- A. Pappachan, Patel B, Patel D, Parmar K, Chauhan R, Singh DD, Leishmania donovani Xanthine phosphoribosyl transferase: Molecular characterization and evaluation of inhibitors” in the 2nd International Caparica Conference on Leishmaniasis 2020, 26th – 28th October 2020, Caparica – Portugal. (Oral presentation)

Papers presented at national/regional level seminar/webinar/conference/ workshop, etc.

- S. Patel, R. Solanki and K. Patel “Deciphering the efficient delivery of Berberine to Breast cancer cells via Bovine Serum Albumin nanoparticle” National Conference on Recent Advances in Biological Research (RABR 2020) Organized by Heredity Lifesciences from 8-10 August 2020.

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Anju Pappachan, “Understanding the structure function relationship of the unique XPRTase from Leishmania donovani using an experimental and in silico approach” as part of “PRABODH” (Promoting Research Awareness in Biotechnology for Development of Human Resources) on September 19, 2020 at Gujarat Biotechnology Research Centre, Gandhinagar - Invited talk.

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):

- Seema Rawat, Member of Organizing Committee of webinar on,” Webinar on “Science, Technology and COVID-19 pandemic” organized by School of Life Sciences, CUG on June 12, 2020.
- Seema Rawat, Member of Organizing Committee of Webinar on Women Empowerment, Gender Equity and laws organized by CUG on June 17, 2020.
- Seema Rawat, Organizing Secretary of webinar on, “Dimensions of Biological Research in Post-COVID times” organized by School of Life Sciences, CUG on September 24, 2020.

- Anju Pappachan, appointed as IISER representative in Ahmedabad for conducting Aptitude Test for admission to BS-MS programme of Indian Institute of Science Education and Research (IISER) on September 18, 2020.
- Anju Pappachan, Member of organizing committee of webinar “Dimensions of Biological Research in Post-COVID times” organized by SLS on September 24, 2020.
- Anju Pappachan, Meeting of "Institute Biosafety Committee of Gujarat Biotechnology Research Centre” on June 23, 2020, Committee member
- Anju Pappachan, Meeting of “Departmental Research Committee”, Department of Biochemistry, M S University Baroda, November 5, 2020, Committee member.

Participation in training/ orientation/refresher programme

- Seema Rawat, Faculty Development Program, “Basics of R programming”, Department of Computer Science and Engineering, Rajiv Gandhi University, Arunachal Pradesh in association with IIT Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) from April 29 to May 3, 2020.
- Seema Rawat, Short Term Course on “E-content development” organized by UGC- HRDC, Gujarat University, May 28 - June 3, 2020, Participant.
- Seema Rawat, Faculty Development Program on "Entrepreneurship, Incubation and Innovation" organized by Teaching Learning Centre of Ramanujan College, Delhi University sponsored by MHRD PMMMNMT from 23/06/2020 to 29/06/2020.
- Seema Rawat, Faculty Development Program on " Advanced Concepts for developing MOOCS” organized by Teaching Learning Centre of Ramanujan College, Delhi University sponsored by MHRD PMMMNMT from 02/07/2020 to 17/07/2020.
- Seema Rawat, Faculty Development Program on,“ Contemporary Advances in Bio-nanotechnology” organized by Department of Biotechnology, National Institute of Technology, Andhra Pradesh, from 02/11/2020 to 06/11/2020.
- Rajesh Vasita, 27th online short-term course on E-content development, Gujarat University, Ahmedabad, Gujarat, 28/05/2020 to 03/06/2020.
- Rajesh Vasita, FDP on MOOCS and MOODLE based learning management system, Indira Gandhi University, Meerpur, Rewari, Haryana, 15/06/2020 to 22/06/2020.
- Rajesh Vasita, FDP on advanced materials (Fabrication, characterization and application), Kalinga Institute of Industrial Technology, Bhubnaeswar, Odisha, 20/07/2020 to 25/07/2020.

- Rajesh Vasita, STC in Intellectual property right and patents, UGC-HRDC, Goa University, Goa, 04/08/2020 to 10/08/2020.
- Sunita Patel, Faculty Development Program (FDP) on “Basics of R Programming” Organized by Department of Computer Science and Engineering, Rajiv Gandhi University, Arunachal Pradesh in association with IIT Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) from 29/04/2020 to 03/05/2020.
- Sunita Patel, Online Workshop on Academic Book Writing & Related Topics organized by SPRINGER NATURE on 13/05/2020.
- Sunita Patel, 88% marks (in quiz) in E-Shodh Sindhu Web of Science Certification Series Organized by INFLIBNET Centre and Clarivate Analytics, June 2020.
- Sunita Patel, Workshop on Gel based Proteomics at Amazing Biotech Pvt. Ltd., A DSIR Certified Lab, India from 21/06/2020 to 25/06/2020.
- Sunita Patel, Workshop on Real Time PCR based Gene Expression and Pathogen Detection at Amazing Biotech Pvt. Ltd., A DSIR Certified Lab, India from 06/07/2020 to 08/07/2020.
- Sunita Patel, Workshop on Mass Spectrometry in Proteomics at Amazing Biotech Pvt. Ltd., A DSIR Certified Lab, India from 15/07/2020 to 18/07/2020.
- Sunita Patel, Faculty Development Programme on “Educational Video creation i.e. E-content development for Teachers” Organized by Department of Mathematics, Statistics and Internal Quality Assurance Cell (IQAC) of Rajarshi Chhatrapati Shahu College, Kolhapur from 22/07/2020 to 27/07/2020.
- Sunita Patel, Workshop on Essential Microscopy from Basics to Image Analysis at Amazing Biotech Pvt. Ltd., A DSIR Certified Lab, India from 22/08/2020 to 24/08/2020.
- Sunita Patel, NPTEL-AICTE Faculty Development Programme on “Biomedical Nanotechnology” Funded by the Ministry of HRD, Govt. of India, from Sep-Oct 2020.
- Sunita Patel, NPTEL Online Certification Course on “Biomedical Nanotechnology” Funded by the Ministry of HRD, Govt. of India. Declared as Topper (Top 5%) in the course.
- Sunita Patel, Workshop on Flow Cytometry organized by Research and Training Wing Drawing Pin Publishing, New Delhi, India from 08/03/2021 to 10/03/2021.
- Sunita Patel, Online workshop on “Understanding India’s National Security Challenges” jointly Organized by Centre for Security Studies (School of National Security Studies) and Centre for Policy Research in Education (School of Education) Sponsored by PMMMNMTT, School of Education, Central University of Gujarat, from 8/03/2021 to 14/03/2021.
- Anju Pappachan, 94th Orientation program from Gujarat University HRDC 16/09/2019 to 06/10/2019.

- Anju Pappachan, Short Term Course on “E-content development” organized by UGC- HRDC, Gujarat University from 28/05/2020 to 03/06/2020.
- Anju Pappachan, Faculty Development Program on "Entrepreneurship, Incubation and Innovation" organized by Teaching Learning Centre of Ramanujan College, Delhi University sponsored by MHRD PMMMNMT from 23/06/2020 to 29/06/2020.
- Anju Pappachan, Faculty Development Program on "Research Methodology" organized by Teaching Learning Centre of Ramanujan College, Delhi University sponsored by MHRD PMMMNMT from 01/10/2020 to 15/10/2020.

Research projects undertaken

- Rajesh Vasita, Development of bio inspired dual drug delivering nanofibrous scaffold for bone tissue engineering Nanomission, DST-Govt. of India, 37,57,560.00/- Rs, Started on 13-12-2017, Running.
- Rajesh Vasita, The study of surface chemistry induced three dimensional tumor model and its effect on tumor progression and drug response, SERB, DST-Govt of India, 33,36,000.00/- Rs. Started on 26-03-2018, ongoing
- Anju Pappachan, Biophysical Characterization of adenylosuccinate lyase - a potential drug target from Leishmania donovani - a computational and molecular approach, DBT Rs. 18,09,950 (ongoing)
- Anju Pappachan, Cloning, protein purification and characterization of ornithine decarboxylase, an important protein involved in acid stress tolerance in Lactobacillus sp, UGC Rs. 8,00,000/-, 2019 -2021 (ongoing)
- Anju Pappachan, Cloning, protein expression and purification of Adenylosuccinate lyase and Adenylosuccinate synthase from Leishmania donovani, CUG Rs. 1,00,000/- 2018-2020 (Completed)
- Swati Joshi, Transcriptomic analysis of Usnea sp. for the retrieval of genes involved in synthesis of therapeutically useful lichen metabolites, DBT, Rs 21.27,000/- 2017-2020 (ongoing)

Honours and achievements such as prize, fellowship, award, patent rights, etc.:

- Sunita Patel, Young Scientist award for presenting a paper at Virtual-International Conference on Basic and Translational Cancer Research: Novel Ideas and Approaches (ICBTCCR-2020)
- Sunita Patel, Best Paper award, for presenting a paper at National Conference on Recent advances in biological research (RABR 2020)
- Sunita Patel, declared as a Topper (Top 5%) in the course of Biomedical Nanotechnology being conducted by NPTEL, MHRD, Govt. of India.

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2020-21)
Rawat, Seema	Ph.D.	01

Participation of faculty in University governance as members of Committee or holding additional responsibilities

Prof. Seema Rawat

- Member of the Fourth Academic Council of Central University of Gujarat
- Dean, School of Life Sciences w.e.f. January 01, 2021.
- Provost, CUG
- Member of IQAC, CUG
- Member of Committee for Advanced Studies and Research (CASR), SAMS & SESD, CUG
- Member of Technical Committee for Evaluation of Technical Specification of Scientific Equipment & University Purchase Committee, CUG
- Member of Advisory Committee for CIF, CUG
- Nodal Officer, Grievance Redressal Committee for students, CUG

Dr Rajesh Vasita

- Coordinator, Project Cell, Central University of Gujarat, Gandhinagar
- Member, University Placement Cell, Central University of Gujarat, Gandhinagar

Dr Sunita Patel

- Drawing and Disbursing Officer since 20.02.2019 at Central University of Gujarat, Gandhinagar
- Coordinator, Fellowship Cell and Project Cell (F & A) since 16.08.2018 at Central University of Gujarat, Gandhinagar.
- Warden of NICM Girls Hostel, Central University of Gujarat, Gandhinagar
- Member of Committee for Advanced Studies and Research (CASR), SLS, CUG
- Member of the fourth Academic Council of Central University of Gujarat, Gandhinagar,
- Member of the School Board of School of Life Sciences, Central University of Gujarat, Gandhinagar
- Member of the Local Purchase Committee (LPC), School of Life Sciences, Central University of Gujarat, Gandhinagar, INDIA

Dr Anju Pappachan

- Member of Degree Distribution Committee in 3rd convocation of Central University of Gujarat, Gandhinagar
- Faculty in charge of FPLC in CIF, Central University of Gujarat, Gandhinagar
- CASR member of School of Life Sciences, Central University of Gujarat, Gandhinagar

School of Nano Sciences

About the School

The MSc. and Ph. D programme cover a broad range of disciplines to enable the students to make an objective judgment of the scientific importance and technological potential of developments in micro- and nanotechnologies and to perform a range of activities related to Nanoscience and Nanotechnology. Students are currently working on diverse projects covering the use of nanocomposites in environment remediation, optoelectronics, nanomaterials in energy storage devices as well as for drug delivery. The students of the school have access to several sophisticated instruments like DLS, XRD, XPS, NMR, AFM, SEM, FACS, MALDI-TOF, Confocal microscope, etc. in the Central Instrumentation Facility of the University. The School of Nano Sciences is equipped with instruments such as UV-VIS spectrophotometer, Thermal CVD system, Photocatalytic setup, Gel Electrophoresis, Ovens, Incubator, bath sonicator, centrifuge, Four probe and Hall apparatus etc. The school also has the facilities for both microbial and mammalian cell culture. Students have access to most recent books, journal pertaining to nanosciences/nanotechnology exclusively, both in hard copy and electronic form. They also have access to both national and international sites being routed through the Central Library of the University.

Programmes offered

- MSc in Nanotechnology
- PhD programme in Nano Sciences.

Faculties at the School level

Prof. Indrani Banerjee, Professor and dean

Areas of interest Plasma processing of nano materials for biomedical applications.

Dr. Charu Lata Dube, Assistant Professor

Areas of interest Microwave processing of materials, development of nuclear materials for future fusion reactors, development of advanced nanomaterials for energy, biomedical and environmental applications

Dr. Hitesh Kulhari, Assistant Professor

Areas of interest Drug Delivery, Nanomedicines and Biomaterials

Dr. Umesh Kumar, Assistant Professor

Areas of interest Development of biocompatible and biodegradable nanocarriers for plant protection and drug delivery.

Dr. Manu Sharma, Assistant professor

Areas of interest Nanomaterials for energy and environment applications

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Jangid, AK., Pooja, D., Jain, P., Gupta, N., Ramesan S. & Kulhari H. (2021). Self-assembled and pH-responsive polymeric nanomicelles impart effective delivery of paclitaxel to cancer cells, *RSC advances*, 11, 13928. <https://doi.org/10.1039/d1ra01574e>
- Jangid, AK., Agraval, H., Rai, DB., Jain, P., Yadav, UCS., Pooja, D. & Kulhari H. (2020). Baicalin encapsulating lipid-surfactant conjugate based nanomicelles: Preparation, characterization and anticancer activity. *Chemistry and Physics of Lipids*, 233, 104978. <https://doi.org/10.1016/j.chemphyslip.2020.104978>
- Jain, P., Patel, K., Jangid, AK., Guleria, A., Patel, S., Pooja, D. & Kulhari H. (2020). Modulating the Delivery of 5-Fluorouracil to Human Colon Cancer Cells Using Multifunctional Arginine-Coated Manganese Oxide Nanocuboids with MRI Properties, *ACS Applied Bio Materials*, 3 (10), 6852–6864. <https://doi.org/10.1021/acsabm.0c00780>
- Pooja, D., Reddy, TS., Kulhari, H., Kadari, A., Adams, DJ., Bansal, V. & Sistla R. (2020). N-acetyl-d-glucosamine-conjugated PAMAM dendrimers as dual receptor-targeting nanocarriers for anticancer drug delivery. *European Journal of Pharmaceutics and Biopharmaceutics*, 154, 377-386. <https://doi.org/10.1016/j.ejpb.2020.07.020>
- Jangid, AK., Patel, K., Jain, P., Patel, S., Gupta, N., Pooja, D. & Kulhari H. (2020). Inulin-Pluronic-Stearic acid Based Double Folded Nanomicelles for pH-Responsive Delivery of Resveratrol, *Carbohydrate Polymers*, 247, 116730. <https://doi.org/10.1016/j.carbpol.2020.116730>
- Jangid, AK., Agraval, H., Gupta N., Jain, P., Yadav, UCS., Pooja, D. & Kulhari H. (2020). Amorphous Nano Morin Outperforms Native Molecule in Anticancer Activity and Oral Bioavailability, *Drug Development and Industrial Pharmacy*, 46 (7), 1123–1132. <https://doi.org/10.1080/03639045.2020.1776318>
- Karamchedu, S., Tunki, L., Pooja, D. & Kulhari H. (2020) Morin Hydrate Loaded Solid lipid nanoparticles: Characterization, Stability, Anticancer activity, and Bioavailability. *Chemistry and Physics of Lipids*, 233, 104988. <https://doi.org/10.1016/j.chemphyslip.2020.104988>
- Jangid, AK., Jain, P., Medicherla, K., Pooja, D. & Kulhari H. (2020). Solid-State Properties, Solubility, Stability and Dissolution Behaviour of Co-Amorphous solid dispersions of Baicalin, *CrystEngComm*, 22, 6128. <https://doi.org/10.1039/d0ce00750a>
- Tunki, L., Jangid, AK., Pooja, D., Bhargava, SK., Sistla, R. & Kulhari H. (2020). Serotonin Functionalized Vit-E Nanomicelles for Targeting of Irinotecan to Prostate Cancer Cells, *ACS Applied Bio Materials* 3 (8), 5093–5102. <https://doi.org/10.1021/acsabm.0c00579>
- Jangid, AK., Pooja, D., Jain, P., Rompicharla, SVK., Ramesan S. & Kulhari H. (2020). A nanoscale, biocompatible and amphiphilic prodrug of cabazitaxel with improved anticancer

efficacy against 3D spheroids of prostate cancer cells, *Materials Advances*, 1, 738–748. <https://doi.org/10.1039/d0ma00189a>

- Bidyarani, N., Srivastav, A. K., Gupta, S. K., & Kumar, U. (2020). Synthesis and physicochemical characterization of rhamnolipid-stabilized carvacrol-loaded zein nanoparticles for antimicrobial application supported by molecular docking. *Journal of Nanoparticle Research*, 22(10). <https://doi.org/10.1007/s11051-020-05037-9>
- Shinde, P., Agrawal, H., Srivastav, A. K., Yadav, U. C. S., & Kumar, U. (2020). Physico-chemical characterization of carvacrol loaded zein nanoparticles for enhanced anticancer activity and investigation of molecular interactions between them by molecular docking. *International Journal of Pharmaceutics*, 588(April), 119795. <https://doi.org/10.1016/j.ijpharm.2020.119795>
- Raval, B., Srivastav, A. K., Gupta, S. K., Kumar, U., Mahapatra, S. K., Gajjar, P. N., & Banerjee, I. (2020). Synthesis of exfoliated multilayer graphene and its putative interactions with SARS-CoV-2 virus investigated through computational studies. *Journal of Biomolecular Structure and Dynamics*, 0(0), 1–10. <https://doi.org/10.1080/07391102.2020.1817788>
- Patel, S., Srivastav, A. K., Gupta, S. K., Kumar, U., Mahapatra, S. K., Gajjar, P. N., & Banerjee, I. (2021). Carbon nanotubes for rapid capturing of SARS- COV-2 virus : revealing a mechanistic aspect of binding based on computational studies. *RSC Advances*, 10, 5785–5800. <https://doi.org/10.1039/d0ra08888a>
- Dube, C. L., Stennett, M. C., Akhmadaliev, S., & Hyatt, N. C. (2020). Investigation of ion irradiation induced damages in iron phosphate glasses: Role of electronic and nuclear losses in glass network modification. *Journal of Non-Crystalline Solids: X*, 8, 100055, <https://doi.org/10.1016/j.nocx.2020.100055>
- Kushwaha, A., Singh, G., & Sharma, M., (2021). Designing of cerium phosphate nanorods decorated reduced graphene oxide nanostructures as modified electrode: An effective mode of dopamine sensing. *Microchemical Journal*, 166, 106224. <https://doi.org/10.1016/j.microc.2021.106224>
- Sethulakshmi, N., Nellaiappan, S., Pentyala, P., Sharma, M., Irusta, S., Deshpande P. A., & Sharma, S., (2021). Nanocoral CuCo₂S₄ Thiospinels: Oxygen Evolution Reaction via Redox Interaction of Metal Ions. *Electrochimica Acta*, 137701. <https://doi.org/10.1016/j.electacta.2020.137701>
- Singh, G., Kushwaha, A., & Sharma, M., (2021). Mildly acidic pH and room temperature triggered peroxidase-mimics of rGO–Cu₃(OH)₂(MoO₄)₂ cuboidal nanostructures: an effective colorimetric detection of neurotransmitter dopamine in blood serum and urine samples, *CrystEngComm*, 23 (3), 599-616. <https://doi.org/10.1039/D0CE01423K>
- Tavker, N., & Sharma, M., (2020). Fruit rinds extracted cellulose and its utility in fabricating visible light tin sulfide photocatalyst for the treatment of dye, pharmaceutical and textile

effluents. *Journal of Cleaner Production*, 271, 122510.
<https://doi.org/10.1016/j.jclepro.2020.122510>

- Kadiya, K., Vuggili, S. B., & Sharma, M., (2020). Comparative photocatalytic dye and drug degradation study using efficient visible light-induced silver phosphate nanoparticles. *Environmental Science and Pollution Research*, 1-14. <https://doi.org/10.1007/s11356-020-10982-y>
- Vuggili, S. B., Kadiya, K., Gaur, U. K. & Sharma, M., (2020). Synthesis of graphitic carbon nitride/cadmium sulfide core-shell nanofibers for enhanced photocatalysis. *Environmental Science and Pollution Research*, 1-13. <https://doi.org/10.1007/s11356-020-10568-8>
- Tavker, N., Gaur, U. K. & Sharma, M., (2020). Cellulose supported bismuth vanadate nanocomposite for effective removal of organic pollutant. *Journal of Environmental Chemical Engineering*, 8 (4), 104027. <https://doi.org/10.1016/j.jece.2020.104027>
- Yadav, K. K., Sharma, M. & Jha, M., (2020). Persistent peroxidase mimics of graphene oxide sodium nitrate from industrial effluent and their thermal properties, *Water Environment Research*, 92 (8), 1123-1130. <https://doi.org/10.1002/wer.1307>
- Singh, G., Kushwaha, A., & Sharma, M., (2020). Intriguing peroxidase-mimic for H₂O₂ and glucose sensing: A synergistic Ce₂(MoO₄)₃/rGO nanocomposites, *Journal of Alloys and Compounds*, 825, 154134. <https://doi.org/10.1016/j.jallcom.2020.154134>
- Singh, G., Kushwaha, A., & Sharma, M., (2020). Electrochemistry of rGO-Cu₃H₂Mo₂O₁₀ cuboidal nanostructures: An effective detection of neurotransmitter dopamine in blood serum sample, *Journal of Electroanalytical Chemistry*, 880, 114889. <https://doi.org/10.1016/j.jelechem.2020.114889>
- Tavker, N., Gaur, U. K. & Sharma, M., (2020). Agro-waste extracted cellulose supported silver phosphate nanostructures as a green photocatalyst for improved photodegradation of RhB dye and industrial fertilizer effluents. *Nanoscale Advances*, 2 (7), 2870-2884. <https://doi.org/10.1039/D0NA00181C>
- Barkhade, T., Indoliya, A., Poddar, R., Mahapatra, S. K., & Banerjee, I. (2021). Iron content titanium dioxide nanoparticles as exogenous contrast agent for tissue imaging using swept-source optical coherence tomography. *AIP Advances*, 11(1), 015023. <https://aip.scitation.org/doi/full/10.1063/5.0031385>
- Barkhade, T., Mahapatra, S. K., & Banerjee, I. (2021). A protein and membrane integrity study of TiO₂ nanoparticles-induced mitochondrial dysfunction and prevention by iron incorporation. *The Journal of Membrane Biology*, 254(2), 217-237. <https://link.springer.com/article/10.1007/s00232-021-00177-y>

- Shiyani, T., Agrawal, S., Markna, J.H., & Banerjee (2021). Studies on optical and electrical properties of biohybrid devices. *Journal of Nanoscience, Nanoengineering & Applications*, 11(1) 6-15. <http://techjournals.stmjournals.in/index.php/JoNSNEA/article/view/1060>
- Asapur, P., Banerjee, I., Sahare, P. D., & Mahapatra, S. (2021). Spectroscopic analysis of Muga silk nanoparticles synthesized by microwave method. *Biotechnology and Applied Biochemistry*, 68(2), 345-355, <https://doi.org/10.1002/bab.1932>
- Asapur, P. C., Shiyani, T., Mahapatra, S. K., Bogle, K. A., & Banerjee, I. (2020). Photo-electrochemical Property of Microwave Synthesized Muga Silk Nanoparticles/ZnO/ITO/PET Structure. *IETE Technical Review*, 1-7. <https://doi.org/10.1080/02564602.2020.1852121>
- Asapur, P., Mahapatra, S. K., & Banerjee, I. (2020). Secondary structural analysis of non mulberry silk fibroin nanoparticles synthesized by using microwave and acetone non-mulberry silk fibroin nanoparticles synthesized by using microwave and acetone method. *Journal of Biomolecular Structure and Dynamics*, 4, 1-10. <https://doi.org/10.1080/07391102.2020.1852970>
- Asapur, P. C., Sahare, P. D., Mahapatra, S. K., & Banerjee, I. (2020). Homology modeling and molecular docking study of biogenic Muga silk nanoparticles as putative drug-binding system. *Biotechnology and Applied Biochemistry*. Homology modelling and molecular docking study of biogenic muga silk nanoparticles as putative drug-binding system *Biotechnology and Applied Biochemistry*, <https://doi.org/10.1002/bab.2088>
- Shiyani, T., Mahapatra, S. K., & Banerjee, I. (2020). Natural basil as photosensitizer with ZnO thin films for solar cell applications. *IETE Journal of Research*, 1-8. <https://doi.org/10.1080/03772063.2020.1768161>
- Shiyani, T., Agrawal, S., & Banerjee, I. (2020). Natural-dye-sensitized photoelectrochemical cells for solar energy conversion. *Nanomaterials and Energy*, 9(2), 215-226, <https://doi.org/10.1680/jnaen.19.00059>
- Shiyani, T., Mahapatra, S. K., Bogle, K. A., & Banerjee, I. (2020). Biohybrid electrodes for photoelectrochemical solar energy conversion. *Journal of Renewable and Sustainable Energy*, 12(4), 044701. <https://doi.org/10.1063/5.0015139>

Papers published in edited volume

- Rai, D.B., Pooja, D. & Kulhari, H. (2021) Functionalization of the Dendrimers. In N.K. Mehra, Jain, K. (Eds.) *Dendrimers in nanomedicine: concept, theory and regulatory perspectives* (pp. 123-145). CRC Press.
- Asapur, P. C., & Banerjee, I. (2020). Smart materials for medical applications. In *Polymer Nanocomposite-Based Smart Materials* (pp. 177-196). Woodhead Publishing.

- Bishnoi, A., Rajaraman, T. S., Dube, C. L., & Ambegaonkar, N. J. (2021). Smart nanosensors for textiles: an introduction. In A. Ehrman, T. Nguyen P. N. Tri (Eds.), *Nanosensors and nanodevices for smart multifunctional textiles* (pp. 7-25). Elsevier.

Papers presented at international seminar/webinar/conference/workshop, etc.

- Kulhari Hitesh Designing of dendritic nanostructures for the delivery of chemotherapeutic agents, 6th International Conference on Nanoscience and Nanotechnology (ICONN 2021), SRM Institute of Science and Technology, Kattankulathur, February 1-3, 2021
- Kulhari Hitesh Inulin-based nanomicelles for pH-responsive delivery of anticancer drug, International Online Conference on Macromolecules (ICM 2020), Gandhi University, Kerala & Gdansk University of Technology, Poland, November 13-15, 2020
- Kulhari Hitesh Dendrimers as Potential Nanomaterial for Drug Delivery, International Conference on Computational and Material Chemistry Research (ICCMCR-2020) K.S.M.D.B. College, Sasthamcotta, Kerala, November 9-12th, 2020
- Kulhari Hitesh Development of Nanomicelles Using Inulin and Stearic Acid Functionalized Pluronic F68 for Site-Specific Drug Delivery, First International Online Conference on Blends, Composites, Bio-Composites and Nanocomposites (ICNC-2020), Mahatma Gandhi University, Kottayam, Kerala, 9-11th Oct., 2020
- Kulhari Hitesh Immunotherapeutic Approaches as a Possible Treatment for COVID-19, Recent Trends in Drug Discovery, Diagnostics and Therapeutics: A special emphasis on COVID19.VIGNAN's Foundation for Science, Technology & Research in association with Kansas State University, LLB School, AP Academy of Sciences and Al Quds University, July 2-4, 2020
- Dube Charu Lata, Pilia Ritu Kumari, Radioactive waste immobilisation in glass waste forms, 2nd International Commission on Glass (ICG)- Central Glass & Ceramic Research Institute (CGCRI) Tutorial, January 18 -27, 2021.
- Dubey Ashutosh, Dube Charu Lata, Synthesis of graphene oxide (GO) sheets using microwave assisted method and its application in ground water remediation, International Web Conference on Recent Advances in Nanoscience & Nanotechnology for High-end Applications, organized by Dept. of Applied Science and Humanities, Assam University Silchar, July 25-26, 2020
- Sharma Manu, g-C₃N₄/BN Nanocomposites: An Advanced Electrochemical Sensor Platform for Environmental and Biological Applications, International conference on Advanced materials for emerging technologies (ICAMET-21), Sri Ramkrishna Mission, Vidyalaya College of Art and Science, Coimbatore 26-27 April, 2021

Papers presented at national/regional level seminar/webinar/conference/ workshop, etc.

- Kulhari, Hitesh Nanostructures and Nanomaterials: Characterization and properties, BISS webinar, Society for Research and Initiatives for Sustainable Technologies and Institutions (SRISTI), Gandhinagar, December 7, 2020.
- Kulhari, Hitesh Importance of SAR and molecular modelling in drug design, Refresher Course, UGC- Human Resource Development Centre, Sant Gadge Baba Amravati University, November 27, 2020.
- Dube, Charu Lata, Magnetism in Nanomaterials, GUJCOST sponsored National online seminar jointly organized with ASM Gujarat Chapter, March 8-10, 2021.
- Dubey, Ashutosh, Dube, Charu Lata, Synthesis of graphene oxide (GO) sheets using microwave assisted method and its application in ground water remediation, International Web Conference on Recent Advances in Nanoscience & Nanotechnology for High-end Applications, organized by Dept. of Applied Science and Humanities, Assam University Silchar, July 25-26, 2020.

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Hitesh Kulhari, Dendrimer-Based Pharmaceutical Formulation Development, Invited Lecture, March 24, 2021, Sardar Bhagwan Singh University, Dehradun.
- Hitesh Kulhari, Time-dependent Perturbation Theory, Invited Lecture, March 6, 2021, Arts, Commerce and Science College, Pilvai, Gujarat.
- Hitesh Kulhari, Selection Rules in Spectroscopy, Invited Lecture, February 13, 2021, Arts, Commerce and Science College, Pilvai, Gujarat.
- Hitesh Kulhari, Basic Principles of Spectroscopy, Invited Lecture, February 6, 2021, Arts, Commerce and Science College, Pilvai, Gujarat.
- Hitesh Kulhari, Laboratory Safety Measures in PC2 Laboratory, Induction Program, Central University of Gujarat, Gandhinagar, December 19, 2020.
- Hitesh Kulhari, Nanotechnology in cancer treatment, Invited lecture, Milind College of Science, Aurangabad, July 2, 2020.
- Umesh Kumar: "Bio nanotechnology: Interesting Interdisciplinary area to explore" Online special lecture series on "Current trends in basic sciences and career opportunities" June 25-26, 2020, Invited Talk
- Charu Lata Dube, Electronic Microscopic Characterization Tools, online expert talk, 14th October 2020, L. D. College of Engineering, Ahmedabad, India.

- Charu Lata Dube, Talk in the five days orientation program for Safety Measurements School of Nano Sciences at Central University of Gujarat Gandhinagar, December 15th-19th, 2020, expert talk.
- Manu Sharma, Talk in the five days orientation program for Safety Measurements School of Nano Sciences at Central University of Gujarat Gandhinagar, December 15th-19th, 2020, expert talk
- Manu Sharma, A lecture in two days online guest lecture on “Recent Trends in Chemical Sciences Focusing on Employment” Department of Chemistry, H.V.M. (P.G.) College, Raisi, Haridwar (U.K.), 25-26 June 2020, expert talk

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):

- Charu Lata Dube, IITB Sensors Workshop (Virtual): Sensing the World, 5 – 6th March 2021, Participant.
- Umesh Kumar, International Conference on Evolving Materials and Nanotechnology for Sustainable Development (EMNSD-2020), 15-16 Dec, 2020, Participated in the conference as Poster Judge.
- Manu Sharma, National education policy 2020: making education relevant, National Institute of Technology Jalandhar, 1 Sep 2020.
- Manu Sharma, International Web Conference on Recent Advances in Nanoscience & Nanotechnology for High-end Applications (IWCRANHA-2020), 25th -26th July 2020, Organized by Department of Applied Science and Humanities, Assam University, Silchar.
- Manu Sharma, Emerging trends in Physics and its application in Agriculture, CCS Haryana Agriculture University, Hisar 29 June, 2020.
- Manu Sharma, Advanced and Innovative Materials for Sustainable Future-2020 Ram Ratan Singh College, Mokama, Patna, 22nd & 23rd June, 2020.

Participation in training/ orientation/refresher programme

- Umesh Kumar, Faculty Development Program, “Basics of R programming”, Department of Computer Science and Engineering, Rajiv Gandhi University, Arunachal Pradesh in association with IIT Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) from April 29 to May 3, 2020, as Participant.
- Umesh Kumar, Faculty Development Program (FDP) on “Research methodology: Tools and Technique” organized by IILM, College of Engineering & Technology from May 18 to May 22, 2020 as Participant.

- Umesh Kumar, Faculty Development Program (FDP) on MOOCs and MOODLE based learning management system, organized by Indira Gandhi University, Meerpur, Rewari, Haryana from June 15 to June 22, 2020, as Participant
- Charu Lata Dube, Advanced Materials (Fabrication, Characterization and Applications), 20/07/2020 to 25/07/2020, organized by Kalinga Institute of Industrial Technology (KIIT) Bhubaneswar-751024, Odisha Participant.
- Charu Lata Dube, Recent Advances in Material Science, 08/07/2020 to 12/07/2020, organized by Department of Chemistry, Amity University Kolkata Participant.
- Charu Lata Dube, MOOCs and MOODLE Based Learning Management System, 15/06/2020 to 22/06/2020, organized by Indira Gandhi University, Meerpur, Rewari, Haryana Participant.
- Charu Lata Dube, Online Short-Term Course on E-Content Development, 14/05/2020 to 20/05/2020, organized by UGC Human Resource Development Centre, Gujarat University, Ahmedabad Participant.
- Manu Sharma, One Week Online Teaching-Learning Workshop on Design, Development, Delivery of e-content, and Online Assessment, Organized by Unit of Education Studies and Research, Institute for Development and Communication, Chandigarh from 20-25 July 2020. Participant
- Manu Sharma, Teaching-Learning Workshop on creation of E-content and courses: Best practices of various aspects of online teaching, learning and evaluation, and Online Assessment, Organized by Unit of Education Studies and Research, Institute for Development and Communication, Chandigarh from 17-22 August 2020. Participant
- Manu Sharma Short Term Course on “Research Scholars’ Week: Applied Sciences and Humanities” Organized by National Institute of Technology Kurukshetra under TEQIP-III: mentoring/Twinning System with Engineering College, Bikaner during 23-27 September 2020. Participant

Research projects undertaken

- Hitesh Kulhari, Mucoadhesive dendrimers-based preservative-free ophthalmic nanoformulation of Nepafenac, SERB, Department of Science and Technology, New Delhi, 37 Lakhs, 23/03/2019-22/03/2022 (Ongoing).
- Hitesh Kulhari, Targeted co-delivery of anticancer drug and siRNA to overcome the multi-drug resistance in cancer treatment, Department of Science and Technology, New Delhi, 35 Lakhs, (Completed)

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered during 2020-21)
Banerjee, Indrani	M. Phil	01
	Ph.D.	04
Dubey, Charu Lata	M. Phil	01
	Ph.D.	04
Kulhari, Hitesh	M. Phil	01
	Ph.D.	04
Kumar, Umesh	M. Phil	01
	Ph.D.	05
Sharma, Manu	M. Phil	01
	Ph.D.	05

Participation of faculty in University governance as members of Committee or holding additional responsibilities

Hitesh Kulhari, Assistant Professor

- Purchase Officer, School of Nano Science
- Member, Committee for Advanced Studies and Research, School of Nano Science
- Member, Annual Report Committee, Central University of Gujarat
- Instrument In-charge for DLS instrument
- Member of Discipline Committee for 3rd Convocation of the University
- Purchase officer, Local Purchase Committee, School of Nano Sciences, CUG.

Umesh Kumar, Assistant Professor

- Instrument In charge for AFM and fluorescence microscope
- Part of committee member for formulating guidelines for opening of CUG campus post COVID

Charu Lata Dube, Assistant Professor

- Faculty in-charge for DSC, Powder-XRD of Central Instrumentation Facility (CIF), CUG.
- Member of EBSB Committee, CUG.
- Member of Local Purchase Committee, School of Nano Sciences, CUG

Manu Sharma, Assistant professor

- Assistant controller of Examinations (A-COE), CUG, Gandhinagar
- Warden, Infocity Girls Hostel, CUG, Gandhinagar
- Member in selection committee for Ph.D.
- Member of NSS, CUG
- Member of Magazine editing committee, CUG

- Instrument In charge of SEM, CIF, CUG
- Deputy Nodal Officer, CUCET Entrance Exam, CUG
- Member of degree distribution and medal committee during convocation
- Admission committee
- Member of Local Purchase Committee, School of Nano Science
- Member of internal committee for PWDs

School of National Security Studies

About the School

The School of National Security Studies has been conceptualised to encourage creation and dissemination of knowledge in the area of security and strategic studies, and international relations in the country. Initially, it was Centre for Security Studies which was established in 2009 as one of the founding centres under School of International Studies. Subsequently, in May 2018, with approval from the University Grants Commission, the School of National Security Studies came into existence.

Academic programmes at the School intend to pursue and encourage study, research and analysis in all areas of security and strategic studies including research into various internal security threats, nuclear deterrence and strategy, threats emanating from Space and Cyber domain, national security structure and higher defence management. Given the importance of Gujarat's historical connections with the larger world, it will pursue research on maritime and coastal security. Besides the other global areas, the School's immediate area of focus is on India's immediate and extended neighbourhood.

Currently, there are three centres within the school:

Centre for Security Studies

Founded as Centre for Internal Security in 2009, the centre was renamed as Centre for Security Studies (CSS) in 2012. The Centre attempts to impart theoretical, empirical and critical understanding of the changing notions of security encompassing a complex and frequently interconnected set of issues.

Centre for Strategic Technologies

The Centre established 2018 occupies a distinctive place in the Indian university system. Students are taught cyber security theory, through research programs, providing data-driven analysis, cyber law, and privacy, surveillance and innovation technology.

Centre for Maritime Security

The Centre established in 2018 aims to establish itself as centre of excellence in the field of maritime security in India. The core research areas of the Centre include India's maritime security and strategy, maritime history, blue economy, coastal planning and management, piracy, irregular warfare at sea, maritime trade, maritime law and governance, security and governance in Indian Ocean. The University has an MoU with Naval War College, Goa.

Programmes offered

- M.A. in Defense and Strategic Studies
- M.Phil. in Security Studies
- Ph.D. in Security Studies

Faculties at the School level

Dr. Sanjay Kumar Jha, Professor and Dean, School of National Security Studies

Area of Interests: National Security, Internal Security, Insurgency, Terrorism, Maoism, Conflict Management and Resolution, Cyberspace and National Security, Security and Politics in South Asia, Maritime and Coastal Security

Dr. Arun Vishwanathan, Associate Professor & Chairperson, Centre for Security Studies

Area of Interests: Nuclear Deterrence and Strategy, Chinese and Pakistani nuclear and missile capabilities, Proliferation of nuclear weapons and technology, Nuclear Disarmament, India's Defense Ecosystem, Higher Defense Management

Dr. Kishor Jose, Assistant Professor, Centre for Security Studies

Area of Interests: Non-traditional Security Challenges, Energy Security, Central Asia's Politics and Society

Dr. Nongmaithem Mohandas Singh, Assistant Professor, Centre for Security Studies

Area of Interests: National Security and Northeast India, Traditional and non-traditional Security, Geopolitics and Security in India's Neighbourhood, Security and strategic issues in Asia Pacific region/Indo-pacific region

Dr. Manasi Singh, Assistant Professor, Centre for Security Studies

Area of Interests: Multilateralism and Global Governance, Conflict, Security and Development, EU as a Global Actor, India's Foreign Policy

Mr. T.K. Singh, Assistant Professor, Centre for Security Studies

Area of Interests: Cyber Security, Terrorism and Counter Terrorism, Intelligence & Counterintelligence, Low Intensity Conflict, Civil Military Cooperation

Dr. Shrish Kumar Tiwari, Assistant Professor, Centre for Strategic Technologies

Area of Interests: Cyber Law-Information Technology Act, Privacy Law, Data Protection, Information Security, E-Commerce

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Patil, Sameer S. and Vishwanathan, Arun, (July 2020). India's Approach to Global Export Control Regimes. Seminar, 731, 36-39.
- Vishwanathan, Arun, (March 2021). Role of Non-State Actors. The Book Review, XLV(3),20-21.

Papers published in edited volume

- Vishwanathan, Arun (2020). Indian Nuclear Doctrine: Recent Debates, In Vijay Sakhujia (Ed.), Pentagon Yearbook: South Asia Defense and Strategic Perspective 2020 (pp. 127-135). Pentagon Press.

- Singh, Manasi (2020). Globalization and Security. In S. Ramanuik, M. Thapa. and P. Marton (Eds.), The Palgrave Encyclopedia of Global Security Studies. Palgrave Macmillan.
- Singh. Manasi (2021). Multilateralism in a Changing Global Order: Prospects for India-EU Cooperation. In P. Gieg, T. Lowinger, M. Pietzko, A. Zürn, U.S. Bava, G. Müller-Brandeck-Bocquet, (Eds.), EU-India Relations: The Strategic Partnership in the Light of the European Union Global Strategy (pp. 275-290). Springer, 2021.
- Singh, Nongmaithem Mohandas and Indrajit Sharma (2020). Refugee Management and National Security of India, In Bimal N. Patel (Ed.), National Security of India and International Law (pp. 91-111). Brill - Nijhoff.

Other Publications (Magazines, Newspapers, web portals)

- Vishwanathan, Arun (2020, May 7). COVID-19 Induced Oil Crisis and its Implications for South Asia and Beyond. Pakistan Politico. <https://pakistanpolitico.com/sb-oilcrisis/>

Papers presented at international seminar/webinar/conference/workshop, etc.

- Jha, Sanjay Kumar, "India and International Terrorism: An Assessment of Challenges and Opportunities" in an International Webinar on "Crisis of Security Challenges: A Global Concern", organised by Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati, Maharashtra.
- Vishwanathan, Arun, "Academic Research Writing: Why, How, What and Where," in First International Workshop on Research Methods and Approaches to Migration and Diaspora Studies, Central University of Gujarat and Centre for Research on Migration, Refugees and Belonging, University of East London, U.K, Gandhinagar, July 1, 2020.

Papers presented at national/regional level seminar/webinar/conference/ workshop, etc.

- Vishwanathan, Arun, "Nuclear Weapons and National Security" at One Week (Online) Workshop for Teachers on "Understanding India's National Security Challenges", School of National Security Studies, Central University of Gujarat, Gandhinagar, March 12, 2021.
- Vishwanathan, Arun, "Nuts and Bolts of Research Management Software and Academic Ethics, Publishing," First Doctoral Colloquium on Management and Development (DOCMAD 2020), Institute of Rural Management Anand (IRMA), Anand, November 4, 2020.
- Vishwanathan, Arun, "Technology and National Security" in National Webinar on India National Security Challenges in the Contemporary Times, Department of Gandhian and Peace Studies, Mahatma Gandhi Central University, August 19, 2020.
- Vishwanathan, Arun, "Negotiation and Bargain in Foreign Policy: The India China Case" in Two-day International e-conference titled India-China Relations: Galwan Puzzle and Beyond,

organised by Dept of Civics and Politics, University of Mumbai and Shantarambhou Gholap Arts, Science & Gotirambhou Pawar Commerce College Shivle, July 13, 2020.

- Vishwanathan, Arun, “Research Writing and Research Management Tools,” E-Workshop on Research Methodology, Department of Defence and Strategic Studies, Hindu College, Moradabad and ARIDSS, Moradabad, June 15, 2020.
- Singh, Nongmaithem Mohandas presented a paper/delivered a lecture on “Migration, Refugee and National Security’ in One Week (Online) Workshop for Teachers on “Understanding India’s National Security Challenges” organized by School of National Security in collaboration with School of Education, Central University of Gujarat, 8-14 March 2021.

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Jha, Sanjay Kumar, 21 Years of Kargil: Revisiting India’s National Security Management System, Maj SC Shrivastava Memorial Lecture organized by Department of Defense and Strategic Studies, Tilakdhari PG College, Jaunpur, UP, July 26, 2020, Delivered a Lecture
- Jha, Sanjay Kumar, Contours of Emerging post-COVID International Order, Special Lecture (Online) on organized by DAV PG College, Siwan, Bihar as part of Special Web Lecture Series, May 28, 2020, Delivered a Lecture
- Jha, Sanjay Kumar, Peace to Non-Violence, Virtual Conference organized by Universal Peace Federation of India, 21 Sept- 2 Oct 2020, Delivered a Lecture
- Jha, Sanjay Kumar, Terrorism, Insurgency, and Internal Security in India: Approaches, Dynamics, and Trajectories, Two Week Online Advanced Certificate Course on Counter Insurgency and Counter Terrorism organized by School of Counter Insurgency and Counter Terrorism, Raksha Shakti University, 15-29 September 2020, Delivered a Lecture
- Jha, Sanjay Kumar, Understanding Counter Insurgency and Counter Terrorism Policies and Practices in India: The Non-military factors, Two Week Online Advanced Certificate Course on Counter Insurgency and Counter Terrorism organized by School of Counter Insurgency and Counter Terrorism, Raksha Shakti University, 15-29 September 2020, Delivered a Lecture
- Jha, Sanjay Kumar, India and Global Terrorism: Possibilities and Limitations of Cooperation at Bilateral and Multilateral Levels, Two Week Online Advanced Certificate Course on Counter Insurgency and Counter Terrorism organized by School of Counter Insurgency and Counter Terrorism, Raksha Shakti University, 15-29 September 2020, Delivered a Lecture
- Jha, Sanjay Kumar, Democracy and Terrorism: Understanding Paradoxes and Policy Responses in India, Two Week Online Advanced Certificate Course on Counter Insurgency and Counter Terrorism organized by School of Counter Insurgency and Counter Terrorism, Raksha Shakti University, 15-29 September 2020, Delivered a Lecture

- Jha, Sanjay Kumar, Crisis of Security Challenges: A Global Concern, Online international webinar on the occasion of Army Day organized by Dept. of Defense and Strategic Studies Tuljaram Chaturchand College of Arts, Science and Commerce Savitribai Phule Pune University, Pune, 15-16 Jan 2021, Delivered a Lecture
- Jha, Sanjay Kumar, 47th Refresher Course in Political Sciences, Law and Public Administration organized at HRDC JNU, New Delhi, 20 Jan 2021, Delivered a Lecture
- Jha, Sanjay Kumar, Methodological Challenges in the study of Conflicts and Violence – I’ and ‘Methodological Challenges in the study of Conflicts and Violence –II’, Workshop on Research Methodology for CRPF Officers, 22-26 February 2021, Delivered lectures
- Jha, Sanjay Kumar, Challenges to India’s National Security: Terrorism’, Post graduate diploma in international studies course 2021 of department of civics and Politics University of Mumbai, 06 March 2021, Delivered a lecture
- Jha, Sanjay Kumar, 7th Refresher Course in Global Studies (IDC) organized by HRDC-JNU, 09 March 2021, Delivered a lecture
- Jha, Sanjay Kumar, One-week Workshop on, ‘Understanding India’s National Security Challenges, Left Wing Extremism, 09 March 2021, Delivered a lecture
- Jha, Sanjay Kumar, The Department of South and Central Asian Studies, School of International Studies, Central University of Punjab, Bathinda, Ideas on the prevailing security scenario in South Asia, 10 March 2021, Delivered a lecture
- Jha, Sanjay Kumar, Panel discussion on Education and National Security Studies, One-week Workshop on, ‘Understanding India’s National Security Challenges’ organized by the School of National Security Studies, Central University of Gujarat, 14 March 2021, Discussant
- Singh, Manasi, COVID 19 and Crisis of Governance amidst Authority Fragmentation, Amity Institute of Social Sciences, Amity University, Noida, 1 March 2021, Delivered a lecture
- Jha, Sanjay Kumar, Terrorism, Insurgency, and Internal Security in India: Approaches, Dynamics, and Trajectories, Certificate Course on Counter-Insurgency and Counter-Terrorism organized by Centre for Counter-Insurgency and Counter-Terrorism (CCICT), School of Internal Security and Police Administration (SISPA), RRU, 20 March 2021, Delivered a lecture
- Jha, Sanjay Kumar, Democracy and Terrorism: Understanding Paradoxes and Policy Responses in India, Certificate Course on Counter-Insurgency and Counter-Terrorism organized by Centre for Counter-Insurgency and Counter-Terrorism (CCICT), School of Internal Security and Police Administration (SISPA), RRU, 03 April 2021, Delivered a lecture
- Jha, Sanjay Kumar, Understanding Counter Insurgency and Counter Terrorism Policies and Practices in India: The Non-military factors, Certificate Course on Counter-Insurgency and Counter-Terrorism organized by Centre for Counter-Insurgency and Counter-Terrorism

(CCICT), School of Internal Security and Police Administration (SISPA), RRU, 10 April 2021, Delivered a lecture

- Jha, Sanjay Kumar, India and Global Terrorism: Possibilities and Limitations of Cooperation at Bilateral and Multilateral Levels, Certificate Course on Counter-Insurgency and Counter-Terrorism organized by Centre for Counter-Insurgency and Counter-Terrorism (CCICT), School of Internal Security and Police Administration (SISPA), RRU, 17 April 2021, Delivered a lecture
- Singh, T.K., Internal Security in India: An Analysis of Counter Insurgency Approaches, Faculty Development Programme on Security in Global Emergencies, organized by Department of Computer Science and Engineering & ICC and Women's Forum Nehru College of Engineering & Research Centre, Pampady, Thiruvilwamala, Thrissur, Kerala, 13-17 July 2020.
- Singh, T.K., States, Security and Cyberspace, Analyses of India's Perspective on Cyber Warfare, Faculty Development Programme on Security in Global Emergencies, organized by Department of Computer Science and Engineering & ICC and Women's Forum Nehru College of Engineering & Research Centre, Pampady, Thiruvilwamala, Thrissur, Kerala, 13-17 July 2020, Delivered lectures
- Singh, T.K., Internal Security in India: An Analysis of Counter Insurgency Approaches, Faculty Development Programme on Security in Global Emergencies, organised by Department of Computer Science and Engineering & ICC and Women's Forum Nehru College of Engineering & Research Centre, Pampady, Thiruvilwamala, Thrissur, Kerala, 13-17 July 2020, Delivered a lecture.
- Singh, T.K., States, Security and Cyberspace, Analyses of India's Perspective on Cyber Warfare, Faculty Development Programme on Security in Global Emergencies, organized by Department of Computer Science and Engineering & ICC and Women's Forum Nehru College of Engineering & Research Centre, Pampady, Thiruvilwamala, Thrissur, Kerala, 13-17 July 2020, Delivered lectures
- Singh, T.K., Indian Military Forces, Guest Lecture for BA (Hons) Course on Laws on National Security, Counter Insurgency and Defence Strategies, Maharashtra National Law University, Nagpur, 09 March 2021, Delivered a lecture
- Singh, T.K., Central Armed Police Force, Guest Lecture for BA (Hons) Course on Laws on National Security, Counter Insurgency and Defence Strategies, Maharashtra National Law University, Nagpur, 10 March 2021, Delivered a lecture
- Singh, T.K., State Armed Police Forces, Guest Lecture for BA (Hons) Course on Laws on National Security, Counter Insurgency and Defence Strategies, Maharashtra National Law University, Nagpur, 11 March 2021, Delivered a lecture
- Singh, T.K., Maritime Security, Guest Lecture for BA (Hons) Course on Laws on National Security, Counter Insurgency and Defence Strategies, Maharashtra National Law University, Nagpur, 12 March 2021, Delivered a lecture

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):

- Vishwanathan, Arun, One-Week Training Workshop on “Geographic Information System (GIS) and National Security”, 1-7 March 2020, Workshop Convenor.
- Vishwanathan, Arun, One-Week Online Workshop on “Understanding India’s National Security Challenges” for Teachers, 8-14 March 2021, Workshop Co-convenor.
- Singh, Manasi, ‘Social Media and National Security’, One-week online workshop on India’s National Security Challenges, 8-14 March 2021, CUG, session chair.
- Singh, Manasi, ‘India’s Foreign Policy towards its Neighbourhood’, One-week online workshop on India’s National Security Challenges, 8-14 March 2021, CUG, session chair.
- Singh, Nongmaithem Mohandas, ‘India’s North East: Insurgencies and other Conflicts’ in One Week (Online) Workshop for Teachers on “Understanding India’s National Security Challenges” organized by School of National Security in collaboration with School of Education, Central University of Gujarat, 11 March 2021, session chair.
- Singh, Nongmaithem Mohandas, chaired session on ‘How (not) to Understand Radicalisation’ in One Week (Online) Workshop for Teachers on “Understanding India’s National Security Challenges” organized by School of National Security in collaboration with School of Education, Central University of Gujarat, 11 March 2021, session chair.
- Singh, Nongmaithem Mohandas, ‘Nuclear Weapons and National Security’ in One Week (Online) Workshop for Teachers on “Understanding India’s National Security Challenges” organized by School of National Security in collaboration with School of Education, Central University of Gujarat, 12 March 2021, session chair.
- Singh, Nongmaithem Mohandas, One Week (Online) Workshop for Teachers on “Understanding India’s National Security Challenges” organized by School of National Security in collaboration with School of Education, Central University of Gujarat, 8-14 March 2021, Workshop Coordinator.
- Jose, Kishor, “Understanding India’s Armed Forces through the lens of Contemporary Indian Military History”, at the Two-Week Online Workshop on Understanding India’s National Security Challenges”, organized by School of National Security and School of Education, Central University of Gujarat, 8 to 14 March 2021, Session Chair.
- Jose, Kishor, “Left Wing Extremism”, at the Two-Week Online Workshop on Understanding India’s National Security Challenges”, organized by School of National Security and School of Education, Central University of Gujarat, 8 to 14 March 2021, session chair.
- Jose, Kishor, “India-Pakistan Relations: Past, Present and Future”, at the Two-Week Online Workshop on Understanding India’s National Security Challenges”, organized by School of

National Security and School of Education, Central University of Gujarat, 8 to 14 March 2021, session chair.

- Singh, T.K. “India’s Cyber Security Challenges”, at the Two-Week Online Workshop on Understanding India’s National Security Challenges”, organized by School of National Security and School of Education, Central University of Gujarat, 8 to 14 March 2021, session chair.
- Singh, T.K. “India’s Border Security and Border Management”, at the Two-Week Online Workshop on Understanding India’s National Security Challenges”, organized by School of National Security and School of Education, Central University of Gujarat, 8 to 14 March 2021, session chair.

Participation in training/ orientation/refresher programme

- Singh, Manasi, 7th Refresher Course in Global Studies (online) at UGC-HRDC, JNU, 8 March - 20 March, 2021, Participant
- Singh, Manasi, Online Short-Term Course on e-content development, HRDC, Gujarat University, 11-17 June 2020, Participant
- Singh, Nongmaithem Mohandas, 13th (1st Online) two-week Refresher Course on the West Asian Studies, organized by UGC-HRDC, Jamia Millia Islamia, New Delhi, 30 December 2020 to 12 January 2021, Participant.
- Singh, T.K., 13th (1st Online) two-week Refresher Course on the West Asian Studies, organized by UGC-HRDC, Jamia Millia Islamia, New Delhi, 30 December 2020 to 12 January 2021, Participant.
- Singh, T.K., One Week Online Faculty Development Program (FDP) on ‘ICT Tools for Effective Teaching Learning (ETL)’, conducted by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded, Maharashtra, 27 April to 02 May 2020, Participant
- Singh, T.K., Basics of R Programming, Department of Computer Science and Engineering, 29 April 2020 to 03 May 2020, Participant
- Singh, T.K., RS & GIS Application, Indian Institute of Remote Sensing Dehradun, 2-20 November 2020, Participant.
- Jose, Kishor, One-Week Training Workshop on “Geographic Information System (GIS) and National Security”, 1-7 March 2020, Participant.

Research projects undertaken

- Singh, T.K., Evolution of Cybersecurity Policy: A Trend Analysis of India’s Cybersecurity Policy, Central University of Gujarat, Rs. One Lakh, January 2020-current, (Ongoing).

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered during 2020-21)
Jha, Sanjay Kumar	Integrated M.Phil.-Ph.D.	06
	Direct M.Phil.	03
	Direct Ph.D.	04
	ICSSR Post-Doc	01
Vishwanathan, Arun	Integrated M.Phil.-Ph.D.	01
	Direct M.Phil.	02
	Direct Ph.D.	04
Jose, Kishor	Integrated M.Phil.-Ph.D.	05
	Direct M.Phil.	03
	Direct Ph.D.	01
Singh, Mohandas N.	Integrated M.Phil.-Ph.D.	02
	Direct M.Phil.	03
	Direct Ph.D.	01
Singh, Manasi	Integrated M.Phil.-Ph.D.	04
	Direct M.Phil.	03
	Direct Ph.D.	01
Singh, T.K.	Integrated M.Phil.-Ph.D.	-
	Direct M.Phil.	-
	Direct Ph.D.	-
	Guided MA Dissertations	08

Academic collaboration and MoUs signed by the Centre (maximum 100 words)

The School of National Security Studies (SNSS) has an MoU with the Institute of Defence Studies and Analyses, New Delhi. As part of the MoU, SNSS and IDSA had jointly organized a one-day National Security Symposium in November 2019. The Centre for Security Studies, School for National Security Studies in collaboration with the Centre for Policy Research in Education, School of Education and with financial support of PMMMNMTT, School of Education organized a Workshop for Teachers on "Understanding India's National Security Challenges" between 8-14 March 2021.

Participation of faculty in university governance as members of Committee or holding additional responsibilities

Prof. Sanjay Kumar Jha, Professor, Centre for Security Studies

- Dean, School of National Security Studies
- Secretary, Finance Committee, Central University of Gujarat
- Chairman, Campus Development Committee, Central University of Gujarat
- Chairman, University Statutes and Ordinance Committee, Central University of Gujarat
- Chairman, Procurement Process Committee, Central University of Gujarat
- Chairman, Human Resource Committee, Central University of Gujarat
- Chairman, Medical Reimbursement Policy Committee, Central University of Gujarat
- Chairman, Committee to formulate guidelines for Endowment Fund, Central University of Gujarat
- Chairman, Grievance Redressal for CUG Medal, Central University of Gujarat
- Chairman, Committee of Advanced Studies and Research, School of National Security Studies
- Member, Academic Council, Central University of Gujarat
- Member, University Building Committee, Central University of Gujarat
- Member, University Court, Central University of Gujarat
- Member, University level Purchase Committee, Central University of Gujarat
- Member, Admission Committee, Central University of Gujarat
- Special Invitee, Executive Council, Central University of Gujarat
- Centre Superintendent, Gandhinagar Centre, CUCET Examination, 2020
- Member, IQAC, Central University of Gujarat
- Honorary Visiting Faculty, Naval War College, Goa
- Member, Faculty Board, faculty of Arts, MS University, Vadodara
- Member Board of Studies, Department of South and Central Asian Studies, School of International Studies, Central University of Punjab
- Member, Advisory Committee for bachelor's Programme in Military Studies, MS University Vadodara.
- Member, Faculty of Doctoral Studies, Rashtriya Raksha University
- Member, Board of Studies, Department of Political Science, MS University, Baroda.
- Member, Board of Studies, Department of Police Administration & Strategic Management, Rashtriya Raksha University
- Member, Board of Studies, School of Liberal Studies, Pandit Deendayal Petroleum University, Gandhinagar

Dr. Arun Vishwanathan, Associate Professor, Centre for Security Studies

- Chairperson, Centre for Security Studies
- Member, Academic Council, Central University of Gujarat
- Member, Executive Council, Central University of Gujarat
- Member, School Board of Studies, SIS
- Chairperson, Centre Board of Studies, CSS
- Member, CASR, School of National Security Studies
- Member, CASR, School of International Studies
- Member, CUG Admission Committee 2018-19

- Member, CUG Admission Committee 2019-20
- Nodal Officer, CU Portal, Central University of Gujarat
- Member, Library Advisory Committee
- Member, Local Purchase Committee for General Items
- Member, Board of Studies, Department of Strategic and Security Studies, Aligarh Muslim University.
- Honorary Fellow, Middle East Institute, New Delhi.
- Honorary Adjunct Faculty, National Institute of Advanced Studies, Bangalore.

Dr. Kishor Jose, Assistant Professor, Centre for Security Studies

- Member, Academic Council, Central University of Gujarat
- Senior Warden, CUG Hostel
- Member, Board of Studies, School of National Security Studies
- Member, Board of Studies, Centre for Security Studies
- Member, Placement Cell

Dr. Manasi Singh, Assistant Professor, Centre for Security Studies

- Member, Academic Council, Central University of Gujarat
- Member, Board of Studies, Centre for Security Studies
- Member, Board of Studies, Centre for International Politics
- Member, Board of Studies, School of National Security Studies
- Member, Board of Studies, Centre for Hindi Studies
- Member, Student-Teacher Interaction Cell
- Member, Students Grievance Redressal Cell

Dr. N. Mohandas Singh, Assistant Professor, Centre for Security Studies

- Member, Centre Board of Studies, CSS
- Purchase Officer, School of National Security Studies
- Swayam Nodal Officer, School of National Security Studies
- Coordinator, MA Defence and Strategic Studies, School of National Security Studies

Mr. T.K. Singh, Assistant Professor, Centre for Security Studies

- Coordinator, MA Programme, Politics and International Relations, School of International Studies, Central University of Gujarat (CUG).
- Member, Centre Board of Studies, Centre for Security Studies.
- Executive Board Member, South Asian Society of Criminology and Victimology, Head Office: Tirunelveli, Tamil Nadu; and Branch Office: Ahmedabad, Gujarat, India.

School of Social Sciences

About the school

The School of Social Sciences has remained a dynamic institution since its inception in 2009. The students and faculty members are dedicated to scholarly studies in the diverse streams of social sciences. It ever seeks to analyse current contemporary regional, national and international issues and offer solutions to them. The school achieves a prominent status on the merit of its novel theoretical and methodological approaches. The school endeavors to maintain its tradition of excellence by means of developing innovative models, use of robust as well as effective methodologies to understand human behaviour and socio-economic dimensions of a diverse and digital society.

The vision of the School of Social Sciences is to bring together scholars from various backgrounds through comprehensive approaches that would range from formal to interpretative and qualitative to quantitative. It would be in order to address fundamental research questions and cater to resolving pressing social issues. The school ceaselessly establishes interdisciplinary connections to explore and develop in-depth understanding of social, psychological and cultural factors. It would lay an impact on adoption of policies, framing of regulations and issues related to gender and social justice. The school nurtures social scientists who would skilfully address the present day social and economic challenges by exploring an impact of anthropogenic activities and environmental interactions on energy, climate and ecology. Being multidisciplinary in scopes and open to innovative methodologies in social sciences, the school at the Central University of Gujarat encompasses all of humanity's increasing diversities and adds value to the social, economic and political systems.

Social Work Programme:

A School level programme

MA in social work programme

The School of Social Sciences started M.A in Social Work Programme in the year 2017-18. This course is a two year program having four semesters. The main objective of this program is to integrate social work skills and practices embedded in social sciences with the goal of rational understanding of policy formulation, monitoring and analysis in the larger governance framework. This program aims to train students to constructively engage with the policy makers and public so as to evolve innovative strategies through field action projects and practice based research. The course is prepared to produce critical human resource who will act as change agent. Faculties from across different disciplines undertake teaching in the programme.

Centre for Studies in Economics and Planning

About the Centre

The CSEP under the School of Social Sciences offers M.Phil. and Ph.D. programmes in Economics since 2010-11 and MA in Economics since 2015-16. The main objectives of the Centre are to deliver quality education and to promote socially relevant research in the field of economics and policy-making. In addition to building a theoretical knowledge base in various areas of economics, the Centre strives to promote analytical thinking and empirical research skills to address the emerging socio-economic issues at local, national and global levels. By means of providing quality research in the different dimensions of economics, the objectives of the Centre are to contribute to policy research, facilitate inclusive and sustainable growth.

The syllabus of the Centre is innovatively designed to enhance students' learning in theoretical, analytical and empirical knowledge to better understand and analyse behaviours of economic agents like individuals, households, firms and economies and their connection to the general well-being of the country. The Centre comprehensively focuses on the areas of regional economic growth and human development, economics of education, informal sector, employment and wages, public finance and policies, health, international business, and industry studies. The faculty members are committed to academic excellence, and they encourage the students to contribute to the welfare of the nation and to promote economic and social justice by means of their valuable and authentic research.

Faculties at the Centre level

Prof. Sarita Agrawal, Professor and Dean, School of Social Sciences

Areas of interest: Economics of Human Resources, Labour Economics, Economics of Education.

Prof. Jaya Prakash Pradhan, Professor and Chair person

Areas of interest: International Business, Industrial Economics, Regional Development, Applied Econometrics.

Dr. Kshamanidhi Adabar, Associate Professor

Areas of interest: Economic Growth and Convergence, Econometrics, Macroeconomics, Regional Disparities, Human Development

Dr. Dasari Sarala, Assistant Professor

Areas of interest: Public Economics, Development Economics, Health Economics and Economics of Education

Dr. Tulika Tripathi, Assistant Professor

Areas of interest: Development Economics; Health Economics, Labour Economics & Gender.

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Agrawal, Sarita (2019), Inclusive Growth and Gender: An Indian Perspective Vishleshan, vol 44, no. 2, July December, 2019 (published in July 2020)
- Agrawal, Sarita and Javid Ahmed Khan (2020), Economic Growth and Human Resource Development: An Indian Perspective, (joint), International Journal of Creative Research and Thought, vol. 8, issue 9, September 2020 page 4286-4293 Published Paper URL: :- http://ijcrt.org/viewfull.php?&p_id=IJCRT2009547
- Pradhan, Jaya Prakash, Tareef Husain and Ravinder (2020), 'Evolution and Pattern of Indian Outward FDI in ASEAN Region', FOCUS: Journal of International Business, 7(2), pp. 135-160, Jul-Dec 2020.
- Tripathi, T., & Mishra, N. K. (2021) Precarious Self-Employment in India: A Case of Home-Based Own Account Enterprises. Journal of Labor and Society, 24(1), 133-162.doi: <https://doi.org/10.1163/24714607-20212005>.
- Bharti, I.K., Tripathi, T. (2020) Effect of remittance on intergenerational mobility in case of occupation. Indian Journal of Labour Economics. 63, 1203–1221. <https://doi.org/10.1007/s41027-020-00238-1>.

Papers published in edited volume

- Md. Alam Atif and Agrawal Sarita (2020), Effects of Public spending on Quality of Elementary Education in Bihar in reinventing Business Strategies and functions edited by Neelam Panchal, Himalaya Publishing House, New Delhi, ISBN 978-93-5433-580-8.
- Women in Unpaid Work in India: An Analysis in Women in household economy edited by Archana Sinha, ISBN 978-81-89762-78-0, Indian Social Institute, New Delhi, 2021.
- Tripathi, T. (2021). Labour Mobility in Historical perspective from East U.P, South U.P and North Bihar: Contours of Changes and Continuity in Mishra NK (eds) Development Challenge of India after Twenty Five Years of Economic Reforms pp. 357-378. ISBN 978-981-15-8264-6. Springer Publication.
- Adabar, Kshamanidhi (2020). The Changing Structure of the Labour Market in Rural India A Study of BIMARU States in the Book: Strategies for Human Development and People's Participation in Rural India edited by Yatindra Singh Sisodis and Tapas Kumar Dalapati, ISBN-978-93-90022-14-4
- Turrey, A., & Tripathi, T. (2020) Impact of migration on the local labour markets. In S. Rajan, & S. M. (Eds.), Handbook of internal migration in India (pp. 178-185). SAGE Publications Pvt Ltd, <https://www.doi.org/10.4135/9789353287788.n12>. 978-93-532-8561-6. Sage publication.

Books published as author

- Sarala, D. (2021). Impact Of Public Expenditure on Elementary Education In India. Nation Press India.
- Sarala, D. (2021). Public Expenditure and its Impact on Primary Education. Arjun Publishing House, India.

Other Publications (Magazines, Newspapers, web portals) (APA style)

- Agrawal Sarita (2021), 'India's Budget 2021-22', (In Gujarati), Yug Drashta, vol. 14 no. 3, March 5, 2021.
- Tripathi, T. (2020), Book review of India's Aged: Needs and Vulnerabilities, (edited by Udaya S. Mishra and S. Irudaya Rajan", The Orient Blackswan; 2017). Economic and Political Weekly, Vol. 55, Issue No. 23, 06 June, 2020.

Papers presented at international seminar/webinar/conference/workshop, etc.

- Agrawal Sarita (2021), "Micro and small industry growth and Employment Generation: A Study of MUDRA Yojana" presented as panelist at the Bodhi international online conference on emerging trends in Economics, Commerce and management organized by Department of Business intelligence, B.K. School of professional and management studies, Department of Commerce, Mangayarkaras college of Arts and Science for Women, Madurai and Bodhi International journal during February 27-28, 2021.
- Behara Murari and Agrawal Sarita, Understanding The Rural Agrarian Distress: An Analysis With Special Reference To Odisha, paper presented at The 6th International Youth Symposium Held During January 29-30,2021 Organized By B.K. School Of Professional And Management Studies, Gujarat University, India.
- Md. Alam Atif and Agrawal Sarita, Effects of Public spending on Quality of Elementary education, paper presented at The 6th International Youth Symposium Held During January 29-30,2021 Organized By B.K. School Of Professional And Management Studies, Gujarat University, India.

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Agrawal Sarita (2020), Delivered lecture on Research methodology at School of Doctoral Research and Innovation, GLS University on November 27 2020.
- Agrawal Sarita (2020), Delivered lecture on Research at School of Doctoral Research and Innovation, GLS University on November 27, 2020.
- Agrawal Sarita (2020), Delivered lecture on Designing Research Instruments at School of Doctoral Research and Innovation, GLS University during on November 28, 2020.

- Agrawal Sarita (2020), Delivered lecture on sampling techniques at School of Doctoral Research and Innovation, GLS University on November 28, 2020.
- Agrawal Sarita (2020), Delivered lecture on Quantitative Research techniques at School of Doctoral Research and Innovation, GLS University on November 30, 2020.
- Agrawal Sarita (2020), Delivered lecture on statistical tools for quantitative analysis at School of Doctoral Research and Innovation, GLS University during November 30, 2020.
- Agrawal Sarita (2020), Delivered lecture on Qualitative Research at School of Doctoral Research and Innovation, GLS University during December 2, 2020.
- Agrawal Sarita (2020), Delivered lecture on Recent developments in Qualitative Research techniques at School of Doctoral Research and Innovation, GLS University during November 27-December 4, 2020.
- Agrawal Sarita (2020), Covid-19 and Indian economy, lecture delivered online at a programme organized by SHoDH Gujarat Prant on April 21, 2020 at 8.00 p.m. <https://fb.watch/5G7X3a0rgA/>
- Agrawal Sarita (2020), Covid-19 and Indian Economy: Revival and Perspectives for Growth, keynote address delivered at national webinar on issues of Indian economy after COVID-19 organised by Shah N.H. commerce College, Valsad on October 17, 2020.
- Agrawal Sarita (2019), Delivered lecture on are we happy with measuring happiness? at the refresher course on cognitive economics organized by Department of Economics, Harisingh Gaur University on January 12, 2021.
- Agrawal Sarita (2021), Industry and Employment in The Post Lockdown: The Indian Experience panelist at Two Day Bodhi International Congress on Emerging Trends in Economics, Commerce and Management To Be Organized During February 27-28, 2021
- Tripathi Tulika, Future of economy: A conjuncture in International webinar on India's Ascent to become global player (Atma Nirbhar Bharat): opportunities for growth and transformation Organised by BJR Government Degree College, Narayanaguda, Hyderabad, Telangana- August 3, 2020.
- Tripathi Tulika, , delivered lecture on Production sets in Research Methodology organised by Department of Economics, Maharaja Krishnakumarsinhji Bhavnagar University, Bhavnagar- University level. 4th August, 2020.
- Tripathi Tulika, delivered lecture on Selection of Study Design in Lecture on Research Methodology organised by Department of Economics, Maharaja Krishnakumarsinhji Bhavnagar University, Bhavnagar- University level. August 11, 2020

Participation in academic activities such as seminar/conference, etc. other than paper presentation

- Agrawal Sarita participant at National webinar on the topic "Statistically Tracking COVID 19 Pandemic" organized by IQAC and Department of Economics held on 25th May 2020., organized by L. S. Raheja College of Arts & Commerce Santacruz (W), Mumbai
- Agrawal Sarita Organized three-day national webinar on COVID-19 and Indian Economy in collaboration with SHoDH and ICSSR during June 9-11, 2020.
- Agrawal Sarita participant at webinar on Publishing Ethics: the role of publishers, journals, researchers and institutions organized by Springer Nature in collaboration with Infilibnet Centre on June 25, 2020
- Agrawal Sarita participant at in the national webinar on "History of Gunnery in India" organized by IQAC and Department of History, L. S. Raheja College of Arts and Commerce, Mumbai held on 30th May 2020.
- Agrawal Sarita participant at in One Day National Webinar on "Parametric and Non-Parametric test in Research Methodology" organized by VELS institute of Science, Technology and advanced Studies, School of Education, Chennai on July 6, 2020
- Agrawal Sarita Organized two Days Webinar on Building Knowledge Society through Pedagogy and Curriculum Innovations with Reference to National Education Policy 2020 during September 15-16, 2020 jointly with School of Education, Central University of Gujarat, Gandhinagar in collaboration with Akhil Bhartiya Rashtriya Shaikshik Mahasangh (ABRSM) – Delhi.
- Adabar Kshamanidhi, Co-ordinator, Webinar on Impact of Covid19 on Indian Economy organized by School of Social Sciences, CUG during 9-11 June 2020
- Dasari Sarala, National Conference on Agricultural marketing, Department of Economics, BBAU, Lucknow, and Indian Society of Agricultural Marketing, Hyderabad during 16th-18th March, 2021

Participation in training/ orientation/refresher programme

- Dasari Sarla, participated in Online Refresher Course in Cognitive Economics 9-22 February 2021

Research projects undertaken

- Agrawal Sarita (2020), Self-financing in Higher Education: A Case Study of Grant-in-aid Universities in Gujarat funded by IUCTE, Faculty of Education and Psychology, The M.S. University of Baroda, Vadodara. Amount sanctioned 6.2 lakhs (completed project).

- Tripathi Tulika. Long Term Home based and Community care for Elderly (2020-21). IMRESS, ICSSR. 10,0000/- (Ongoing)

Honours and achievements such as prize, fellowship, award, patent rights, etc.:

- Agrawal, Sarita (2020), Member of the ICSSR Committee for review of Research Proposals under ICSSR-IMPRESS Scheme during November- December, 2020
- Agrawal, Sarita (2020), Member, Board of Studies in Economics, St. Xavier's College, Ahmedabad.
- Agrawal, Sarita (2020), Editor of Open Journal of Social Sciences
- Agrawal, Sarita (2020), Co-Chief Editor of Research Journal of Education

Research student/s guided

Name of the Supervisor	Nature of programme, whether M. Phil/Ph.D.	No. of students registered during 2020-21)
Sarita Agrawal	M.Phil.- 3	3
Jaya Prakash Pradhan	M.Phil.-3 Ph.D.-2	5
Kshamanidhi Adabar	M.Phil.-2 Ph.D.-2	4
Sarla Dasari	M.Phil.-2 Ph.D.-1	3
Tulika Tripathi	M.Phil.-2 Ph.D.-1	3

Participation of faculty in university governance as members of Committee or holding additional responsibilities

Agrawal Sarita

- Member, University court
- Member, Executive Council
- Member, Academic council
- Dean, School of Social Sciences
- Chairperson, Centre for studies in Economics and Planning (till September 1, 2020)
- Chairperson, Centre Board of Studies
- Chairperson, School Board of Studies
- Chairperson, Committee for Advanced Studies and Research
- Convener, Committee for preparation of Annual Report 2019-20
- Chairperson, Constitution of Ordinance and Statutes Committee

- Member, Admission Committee
- Member, Library Advisory Committee
- Member, CASR, Centre for Diaspora Studies
- Member, Departmental Academic Integrity panel, Centre for Diaspora Studies
- Member, Publication Grant Committee
- Chairperson, Departmental Student Grievance Redressal Committee, School of International Studies
- Observer for CUCET Exams 2020- 21
- Member, third Convocation Committee
- Staff Grievance Redressal Committee
- Member of RDC, Department of Economics, Gujarat University, Ahmedabad
- Member, Board of Studies in Economics, St. Xavier's College, Ahmedabad.

Jaya Prakash Pradhan

- Chairperson, Centre for Studies in Economics & Planning
- Member, Academic Council, Central University of Gujarat
- Member, Statutes and Ordinance Committee
- Member, School Board of Studies, School of Social Sciences.
- Member, Committee for Advanced Study and Research (CASR), School of Social Sciences,
- Member, Centre Board of Studies, Centre for Studies in Economics & Planning
- Chairperson, Committee on UGC Re-Opening Guidelines vis-à-vis the Prevailing Situation in CUG
- Member, 3rd Convocation Committee
- Member, Admission Committee, 2020-21.
- CUCET Observer for CUCET Examination
- Member, Interview Panel for Admission to M.Phil. and Ph.D. in Economics for 2020-21
- Member, Interview Panel for Admission to M.Phil. and Ph.D. in Security Studies for 2020-21.
- Member, Interview Panel for Admission to M.Phil. in Studies in Science, Technology, and Innovation Policy for 2020-21.
- Member, Interview Panel for Admission to Ph.D. in Social Management for 2020-21

Kshamandhi Adabar

- Member, Academic Council
- Member, Centre Board of Studies
- Member, Local Purchasing committee, School of Social sciences, CUG

Sarla Lenin

- Member of CASR
- Member of School Board of Studies
- Member of Centre Board of Studies.

Centre For Gandhian Thought and Peace Studies

About the Centre

The Centre for Gandhian Thought and Peace Studies was established in 2011. The Centre offers M.Phil.-PhD Integrated Programme in Gandhian Thought and Peace Studies and M.A. in Political Science. Mohandas Karamchand Gandhi remains a critical reference point to discern plurality of ideas like Satyagraha, Ahimsa and the doctrine of means and ends. The contemporary relevance of the ideas of Gandhi provides a foundation to the discipline of peace studies. Students in the research programme explore a variety of topics which include peacebuilding through reconciliation, social movements to ensure justice, religion and conflict, violence and its manifestation in different forms. MPhil. and PhD programmes aim at equipping the students with theoretical and empirical knowledge of Gandhian philosophy and peace studies.

Faculties at the Centre level

Dr. Dhananjay Rai, assistant professor

Areas of interest: Cultural Theory, Political Thought, Political Theory, Gandhian Political Philosophy, Political Economy, Higher Education

Dr. Jagannatham Begari, assistant professor

Areas of interest: Human rights, democracy, Dalit movement and marginality, regional movements, political economy, marginality, and social exclusion

Dr. Beryl Anand, assistant professor

Areas of interest: Religion and Violence in South Asia and Middle East, Democracy

Dr. Priya Ranjan Kumar, assistant professor

Areas of interest: Theories of International Relations, Peace and Conflict Studies, Peace & Security in West Asia

Mr. Smruti Ranjan Dhal, assistant professor and coordinator

Areas of interest: Political theory, Political Thought and Gandhian Philosophy

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Rai, D. and Tiwary, R.M. (2021). Gandhi and satyagraha— A quest for global transformation: A review essay on the international seminar. *Social Change*, 51(1), 121-133. <https://doi.org/10.1177%2F0049085721991586>
- Rai, D. (2020). Book Review [Ghanshyam Shah, *Democracy, Civil Society and Governance*. New Delhi: SAGE, 2019, xix + 238 pp., ₹795]. *Indian Journal of Public Administration*, 66(1), 140-146. <https://doi.org/10.1177%2F0019556120907523>
- Kumar, P.R. (2020). The converging visions and contrasting strategies of India and China: Reflections on the Persian Gulf. *Hemispheres Studies on Cultures and Societies*, 35, 5-18

- Dhal, S. R. (2020). Gandhi: the political and the moral. *GNLU Journal of Law, Development and Politics*, 10 (1), 61-76.

Papers published in edited volume

- Begari, J. (2021). Reclaiming social justice and deepening democracy. In A. Rathod (Ed.), *Ambedkar: Quest for Justice: Social Justice (Vol.2)* New Delhi: Oxford University Press

Papers presented at international seminar/webinar/conference/workshop, etc.

- Kumar Priya Ranjan, "Changing Dimensions of India-Israel Relations in the Transforming World Order", Four Day Virtual International Workshop on Current Trajectory of India's Foreign Policy, organized by Department of Political Science, Shaheed Bhagat Singh (Evening) College, University of Delhi, New Delhi, 17-20 June 2020
- Kumar Priya Ranjan, "Polarity and Stability in West Asia: The Arab Uprising Context", Three-Day International Conference themed on A Decade Since the Arab Spring: Perspectives on Turmoil and Stability in West Asia and North Africa, organized by Centre for West Asian Studies (CWAS), Jamia Millia Islamia, New Delhi, 27-29 January 2021
- Kumar Priya Ranjan, "Expanding engagement of China and Russia in West Asia: Need of Sustained Indian Engagement", Authors International conference (online) on the theme India and West Asia: The Modi Years, organized by The Indian Future, New Delhi in Association of Millennial India International Chamber of Commerce, Industry & Agriculture, Embassy of Israel, New Delhi and Embassy of United Arab Emirates, New Delhi, 20 January 2021
- Rai Dhananjay, "Gandhi and the Category of Adivasis: Understanding Extra Parliamentary Vocabulary", International Webinar on Gandhi and the Adivasi Question in Contemporary India, organised by Indian Institute of Technology Gandhinagar (IITGN) and Flinders University, Australia, with support from SPARC, Government of India, October 1, 2020
- Rai Dhananjay, "Precarity and Neoliberalism: The 'Social' in Times of Coronavirus", International Webinar on Imagining the Post-Coronavirus World, organised by Auro University, Surat in association with Institution of Eminence (University of Hyderabad, India), Centre for Concurrences in Colonial and Postcolonial Studies (Linnaeus University Sweden), and Scottish Centre for Tagore Studies (Edinburgh Napier University, Scotland), May 2 and 3, 2020

Papers presented at national/regional level seminar/webinar/conference/ workshop, etc.

- Rai Dhananjay, "Tolerance and Indian Democracy", National Webinar on State and Democracy in India: Social, Economic and Political Aspects, organised by Department of Political Science, Atma Ram Sanatan Dharma College, University of Delhi, Delhi, 23-24 February 2021
- Rai Dhananjay, "Gandhi and Nehru", National Webinar on Gandhi and his contemporaries in India, organised by Centre for Gandhian Studies, Gandhi Bhavan, Manasagangothri, University of Mysore, 23-24 December, 2020.

- Rai Dhananjay, “Precarity and Neoliberalism: Understanding the Ideation of ‘Social’, Reclaiming Republican Democracy In 21st Century”, Extended Creative Theory Colloquium, organised by Foundation for Creative Social Research in association with Raza Foundation and India International Centre, September 19, 2020
- Rai Dhananjay, “Visible and Invisible India during Corona Times”, National Webinar on Corona Kal: Drishyaman Hota, Adrishyaman Bharat, organised by Department of Political Science A.S.College Bikramganj, Rohtas (VKSU, Ara), June 2, 2020

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Kumar Priya Ranjan, delivered a talk as Resource Person, in a National Webinar on Revisiting Gandhi’s Gram Swaraj to face Challenges of Covid-19 Crisis, organized by P.G. Department of Political Science Veer Kunwar Singh University, Ara, Bihar, May 30, 2020
- Kumar Priya Ranjan, delivered a talk as a Resource Person, in a Three-day National Webinar on Covid-19 Change in Social Scenario and technical vocabulary, organized by, Mata Jeetaji Girls College, Suratgarh, Rajasthan in collaboration with The Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Government of India, New Delhi, August 7-9, 2020
- Kumar Priya Ranjan, delivered a talk as a Resource Person, in a Two-day International Webinar on Changing Dynamics of Global Security at the time of COVID-19, organized by Mahendra Mahila Mahavidyalaya, Gopalganj, Jayprakash University, Bihar, August 24-25, 2020.
- Kumar Priya Ranjan, “Comprehensive Security Regime in the Gulf at the time of Covid-19: Prospects and Challenges”, 13th (1st Online) 2-Week Refresher Course in West Asian Studies (Interdisciplinary), organized by UGC- Human Resources Development Centre, Jamia Millia Islamia, New Delhi, 6th January, 2021
- Begari Jagannatham, “B.R. Ambedkar: Cosmopolitanism and Democracy”, delivered at Saurashtra University, Rajkot, March 26, 2021, Speaker
- Begari Jagannatham, “Dr. B.R. Ambedkar for National Development”, delivered at Centre for Social Exclusion and Inclusive Policy, Shivaji University, Kolhapur, Maharashtra, April 14, 2021, Guest Speaker
- Begari Jagannatham, “Education and social transformation: Perspectives from Subaltern thinkers”, delivered at Department of Political Science, Telangana Social Welfare Residential College (TSWREIs), Ibrahimpatnam, Telangana, May 8, 2021, Invited lecture
- Rai Dhananjay, “Ambedkar’s Modernity and Reading the Poem of Identity Discourse”, Department of Political Science, Faculty of Arts, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India, December 8, 2020, Invited Lecture

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):

- Dr. Dhananjay Rai, Gandhi Festival Celebration (A Weeklong Film Festival and A Two-day International Webinar), Central University of Gujarat, Gandhinagar, September 30-October 7, 2020, Coordinator
- Mr. Smruti Ranjan Dhal, One-day international webinar on “Gandhi and the Contemporary World”, Centre for Gandhian Thought and Peace Studies, Central University of Gujarat, August 8, 2020, Coordinator
- Dr. Jagannatham Begari, Two-day international webinar on “Nationality Social Inclusion and New Education Policy”, Centre for Gandhian Thought and Peace Studies, Central University of Gujarat, September 8-9, 2020, Coordinator
- Dr. Dhananjay Rai, 1st National Workshop on 'The Construal of Ideal Governance in Greek Thought', Department of Political Science, Faculty of Arts, The Maharaja Sayajirao University of Baroda, Vadodara organized under the aegis of Prof. A.H. Somjee and Dr. Geeta Somjee Colloquium on Political Science, October 10-13, 2020, Participant

Participation in training/ orientation/refresher programme

- Rai Dhananjay, One Week Faculty Development Programme on "Philosophical Methodologies in Higher Education: Research and Teaching", Teaching Learning Centre (TLC), Ramanujan College organized under the Ministry of Education sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), March 22-28, 2021, Participant
- Kumar Priya Ranjan Kumar, Two Day Online Workshop on Design, Development and Delivery of Online Course, Special Centre for E-Learning (SCEL), Jawaharlal Nehru University, New Delhi, June 11-12, 2020, Participant
- Kumar Priya Ranjan Kumar, Three Day Online Short-Term Programme on Disaster Management for COVID-19, UGC-Human Resource Development Centre, Jamia Millia Islamia, New Delhi, July 14-16, 2020, Participant
- Kumar Priya Ranjan Kumar, Two Week Faculty Development Programme on The Contemporary Issues & Challenges faced by Modern Jammu & Kashmir: Socio-Cultural and Political Scenario, Ramanujan College and Shaheed Bhagat Singh Evening College, University of Delhi, Delhi, August 10-23, 2020, Participant
- Kumar Priya Ranjan Kumar, Two Week Faculty Development Programme on ICT Based New Paradigms of E-teaching and E- Learning: Digital Pedagogy, Teaching Learning Centre (TLC), Ramanujan College in association with Research Development and Services Cell, Ramanujan College, University of Delhi and Department of Computer Science, Mata Sundri College For Women, University of Delhi, Delhi, 15-30 September 2020, Participant

Participation of faculty in university governance as members of Committee or holding additional responsibilities

Dr. Jagannatham Begari

- Warden, Sector 20 Boys Hostel,
- Coordinator, Remedial Coaching Cell, CUG
- Member, CUG Convocation Committee, 2021

Mr. Smruti Ranjan Dhal

- Coordinator, Centre for Gandhian Thought and Peace Studies

Centre for Studies in Sciences, Technology and Innovation Policy

About the Centre

Centre for Studies in Science, Technology and Innovation Policy (CSSTIP) one of the first departments started in 2009 focuses on the social and cultural dynamics of science and technology from an interdisciplinary and comparative framework. The centre specialises on a wide range of themes and concerns at the interface of science and society, dwelling upon theoretical insights offered by the emergent academic field of Science, Technology and Society (STS) studies. The centre endeavours to study philosophical, historical, sociological, cultural and developmental dimensions of S&T in India and equips students to critically analyse science, technology and innovation policies.

The Centre offers an excellent academic environment that gives students international exposure and possibilities to interact with academicians, policy makers, S&T departments and agencies, civil society organisations and movements, entrepreneurs, innovators and technocrats. Scholars who finish the academic programmes offered by the Centre have wide employment opportunities in academics as well as governmental departments/agencies and civil society organisations.

Faculties at the Centre level

Dr. Shiju Sam Varughese, Assistant professor

Areas of interest: Public engagement with science and technology, media and science communication, history and philosophy of science, sociology of science, cultural studies of science and technology, social history of knowledge, science education, knowledge and democracy, regional modernities.

Dr. Parvathi K. Iyer, Assistant professor

Areas of interest: Sociology of Science and Technology; Science, Technology and Medicine; Public engagement with S&T; Gender, Science and Technology; Academia-Industry collaborations in S&T; Governance, Risk and Regulatory issues in S&T; Science Technology and Marginalization; Social History of S&T in India; Philosophy of Science

Dr. Kunal Sinha, Assistant professor,

Areas of interest: Innovation and socio-economic change, research methodology, technology futures analysis, intellectual property rights and development, globalization, state and social justice, sociology of science and technology, Preventive and Social Medicine, Disaster Management, Social Stratification, Vaccine Innovation System.

Dr. Hemant Kumar, Assistant professor and coordinator

Areas of interest: Informal sector innovations, systems of innovation, socio-technical transition, innovation and economic change, history of science & technology in India, philosophy of science & technology and research methodology.

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Kumar, H. (2020). Publication trends in the informal sector innovation research. *Journal of Scientometric Research*, 9(2s), s5-s13. DOI: 10.5530/jscires.9.2s.32.
- Sinha, K. and Chandrash, P. (2020). Examining the Research and Technological Impact of Survismetre. *Journal of Scientometric Research*, 9 (2), 200-203.
- Varughese, S.S. (2020). "Expertise at the 'Deliberative Turn': Multiple Publics and the Social Distribution of Technoscientific Expertise", *Dialogue: Science, Scientists, and Society*. Volume 2, 06 February. <https://doi.org/10.29195/DSSS.03.01.0023>
- Varughese, S.S. (2020). "Kerala's Engagements with Modernity: Genealogies and Geographies", *Malayalam Research Journal*, Vol. 13, No. 1, May–August 2020. ISSN 09741984
- Varughese, S.S. (2021). "Covid 19 Mahamaariyum Shasthravum: Sadhaaranaanantara Kalaththekkurich chila Paryalochanakal" [The COVID Pandemic and Science: Critical Reflections on the Post-Normal Times], *Anyonyam Journal*, Vol. 1, No. 1, January, pp. 10–22 (Malayalam).
- Varughese, S.S. (ed.). (2020). Special issue on 'Reimagining Kerala's Engagements with Modernity', *Malayalam Research Journal*, Volume no. 13, Issue no.: 1 (May–August), 2020. ISSN 09741984

Papers published in edited volume (APA style)

- Varughese, S.S. (2020). *Adhunika Shasthravum Malayalikalude Budhi Jeevithavum* [Modern Science and the Intellectual Life of Malayalees], In Sajeev P.V. (ed.). *Chinthacharithram: Adhunika Keralathinte Boudhika Charithrangal* [Intellectual History of Modern Kerala]. Kottayam: DC Books. PP. 154-169. ISBN : 978-93-5390-297-1 (Malayalam)

Other Publications (Magazines, Newspapers, web portals)

- Kumar, H. (2020). Tracing the History of Models of Innovation. [Review of the book *Models of Innovation: The History of an Idea* by Benoît Godin; The MIT Press, 2017, 324 pages, ISBN: 9780262035897]. *Journal of Scientometric Research*. 9(3). 359-360. DOI:10.5530/jscires.9.3.45
- Varghese, S.S. (2020). "Documenting Pandemics", Review of the documentary series: *Pandemic: How to Prevent an Outbreak* (2020), Season 1 (6 episodes), Netflix. *Sambhāṣaṇ*, A Free Open Access Peer-Reviewed Bilingual Interdisciplinary Journal of the University of Mumbai, Vol. 1, No. 3, July, pp. 149–152.
- Varughese, S.S. (2020). "The Solitary Reader and the Scientific Public Sphere in Kerala." *Ala: A Kerala Studies Blog*, issue no. 24, 31 August.

Papers presented at national/regional level seminar/webinar/conference/ workshop, etc.

- Varughese, S.S. "What is Posthumanism? A Critical Introduction". Two lectures delivered as a resource person at the 2nd Refresher Course in Art and Culture (23.11.2020 to 05.12.2020) organized by UGC HRDC, University of Calicut, Kerala on 03.12.2020.
- Varughese, S.S. "Introduction to Posthumanism". Two Lectures delivered online as a resource person at the Faculty Induction Programme (No. 03) from 07.01.2021 to 06.02.2021 organized by UGC HRDC, University of Calicut, Kerala on 01.02.2021.

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Iyer, P K. 'Healthcare Organizations in India: Effects of Globalization, Privatization and Medicalization' at Indian Institute of Public Health, Gandhinagar on August 14, 2020 (Delivered Invited Lecture to students of Masters in Public Health programme).
- Iyer, P.K. 'Pharmaceuticals as 'Boundary Objects' and the Discourse of Drug Quality: Moving Beyond the Biomedical Model' as part of the Achutha Menon Centre Webinar Series at Sri Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum on January 7, 2021. (Delivered Invited Lecture).
- Iyer, P.K. "Social History of Bioethics in the International and Indian Context" at the Bioethics Workshop held at Indian Institute of Public Health, Gandhinagar on January 12, 2021 (Delivered Invited Lecture).
- Kumar, H. "Gender in Science & Technology" as a resource person in a workshop organized by TEQIP III Sponsored Online Workshop on Gender Equity & Right for Women (GERW-2021), Internal Compliance Committee Cell, Maulana Azad National Institute of Technology, Bhopal, M.P., India-462003. (February 22-26, 2021). (Delivered Invited Lecture).

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):

- Iyer, P.K. Moderated the webinar on 'Science and Technology in Modern Indian Thought: Conversations on Ambedkar, Gandhi, Malaviya and Tagore' held at Centre for Studies in Science, Technology and Innovation Policy, Central University of Gujarat, Sector 29 on October 12, 2020.
- Iyer, P.K. Attended the Webinars entitled 'Science Communication in the Time of Covid: Webinars on Citizen Science' organized by National Council for Science and Technology Communication, Department of Science and Technology, GoI and GUJCOST, Government of Gujarat, from May 10-16, 2020.

- Sinha, K. Participated in International Webinar on “Innovation and Advances in Agricultural Engineering”. December 02-04, 2020, Organized by Agricultural Engineering College and Research Institute, Trichy under aegis of Tamil Nadu Agricultural University, Coimbatore.
- Sinha, K. Participated in a National Webinar on “Building Knowledge society for Self-Reliant India in the light of NEP-2020”, August 15, 2020, Organized by AAJ, JNU New Delhi.
- Sinha, K. Participated in a National Webinar on “On Our Mask, Get/Stay Safe & Corona Go...” November 08, 2020 Organized by AAJ, JNU New Delhi.
- Sinha, K. Participated in a National Webinar on “Role of Agriculture Sector in Resilience of Indian Economy and COVID 19 Pandemic”, September 25, 2020, Organized by Bihar Agricultural University, Sabour, Bhagalpur.
- Sinha, K. Participated in a One-day National Webinar on “Impact of COVID-19 Pandemic and NSS activities”, August 10, 2020, Organized by NSS CELL, Kolhan University, Chaibasa in association with NSS CELL, Jharkhand.
- Sinha, K. Participated in a One-day National Webinar on, “Aacharya Hazari Prasad Dwivedi ka Rachna Karm, August 19, 2020, Organized by Department of hindi & IQAC, Saraswati Mahavidyalaya, Ambikapur(C.G.).
- Sinha, K. Participated in a One-day webinar on “Culture and Health: Exploring Resilience in Tribal India” August 09, 2020, Organized by Department of Tribal Studies, Central University of Jharkhand, Ranchi
- Sinha, K. Participated in an International Webinar on “New Educational Policy And Its Contemporary Relevance”, 2020, organized by SKM College, Begusarai and LNM University, Darbhanga Bihar.
- Sinha, K. Participated in One-day National Online Workshop, “Effective Online Teaching-Learning Using Google Forms” August 05, 2020, Organized under the aegis of IQAC of Mahanth Madhusudan College, Bikram, Patna.
- Sinha, K. Participated in the Alumni Association of JNU (AAJ) Webinar Series on the topic “Self-Reliant India: National Security Perspective”, June 20th, 2020.
- Sinha, K. Participated in the National Level Webinar on “ Sustainability of Rural Development” on 24-02-2021 Organised by B. D. Kale Mahavidyalaya, Ghodegaon (Pune).
- Sinha, K. Participated in One Day International Webinar on “Impact of Covid-19 on Intellectual Property Rights: Behavioural Economics and Legal Aspects”, Organized by the Department of Economics and School of Law, Dr. Harisingh Gour Vishwavidyalaya, Sagar, Madhya Pradesh. 27th June 2020.

Participation in training/ orientation/refresher programme

- Kumar, H. 'S4D4C European Science Diplomacy Online Course' organised by S4D4C Consortium with funding support from European Union's Horizon 2020 Research and Innovation Programme under grant agreement No. 770342. (Fifteen Hours online course completed on December 14, 2020).
- Kumar, H. Five days Online Faculty Development Programme (FDP) on Basics of R Programming organized by Department of Computer Science and Engineering, Rajiv Gandhi University, Arunachal Pradesh in association with IIT Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India). April 29-May 3, 2020.
- Sinha, K. Completed Refresher Course in Sociology, 07-09-2020 to 19-09-2020, HRDC, Jawaharlal Nehru University, New Delhi
- Sinha, K. Participated in Five Days Online Faculty Development Program (FDP) on Basics of R Programming organized by Department of Basics of R Programming, Rajiv Gandhi University, Arunachal Pradesh in Association with IIT, Bombay Spoken Tutorial, April 29, 2020 to May 03, 2020.
- Sinha, K. Participated in the 1st International online workshop on Research Methods and Approaches to Migration and Diaspora Studies, organized by the Centre for Diaspora Studies, Central University of Gujarat and centre for Migration, Refugees and Belonging, University of East London, U.K. From 30th June to 2nd July 2020.
- Sinha, K. Participated in the online "Training on Cyber Crime Awareness" under Mission Shakti-2020" on 08-02-2021.
- Sinha, K. Participated in Two Weeks Online Faculty Development Programme (FDP) on "Covid-19 New Age Teaching Pedagogy: Innovative Tools, Techniques and Research Methods for Efficient Business Management Teaching in Digital Era" organized by Atal Bihari Vajpayee School of Management and Entrepreneurship, Jawaharlal Nehru University (JNU), New Delhi from July 20-July 31, 2020.
- Varughese, S.S. Attended the 109th Online Short-Term Course on E-Content Development from 23/07/2020 to 29/07/2020 organized by UGC-Human Resource Development Centre, Gujarat University, Ahmedabad.
- Varughese, S.S. Attended the One Week (Online) Faculty Development Programme on 'Student-Centric Pedagogic Methods', 27th January to 2nd February, 2021. Organised by Janki Devi Memorial College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre (A Centre of MoE, under P MMMNMTT Scheme), Hansraj College, University of Delhi.

- Varughese, S.S. Attended the Refresher course on Research Methodology: Research Ethics, Methods, Skills, Writing and Communication organized under the UGC-STRIDE programme, Mizoram University, Aizawl, from 19 August, 2020 to 01 September, 2020.

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered during 2020-21)
Iyer, P.K.	M. Phil	1
Varughese, S.S.	M. Phil	1

Participation of faculty in University governance as members of Committee or holding additional responsibilities

Parvathi K. Iyer

- Member, Institutional Ethics Committee, Indian Institute of Public Health, Gandhinagar
- External expert for Ph.D. Programme in Public Health interviews at Indian Institute of Public Health, Gandhinagar
- External Member of Internal Ethics Committee at Indian Institute of Public Health, Gandhinagar to review faculty and student project proposals.
- Member, Board of Studies, School of Social Sciences, CUG

Shiju Sam Varughese

- Academic Council Member, Central University of Gujarat
- Board of Studies, CSSTIP, SSS, Central University of Gujarat
- Editorial board member, Confluence: Science, Scientists and Society, Indian Academy of Sciences, Bengaluru.
- Editorial board member, Vidyankur Journal of Philosophical and Theological Studies, Jnana-Deepa Vidyapeeth, Pune.

Kunal Sinha

- Member, Vidyalaya Management Committee (VMC), Kendriye Vidyalaya, Sector-30
- Editorial Board Member, Association for Research in Social Sciences, Commerce and Management (ARISCOM), Journal of Social Sciences. Ranchi, Jharkhand
- Sector 30 Boys Hostel Warden, CUG
- Library Asset Verification Committee
- BoS Member Centre for Comparative Literature
- BoS Member CSSTIP/SSS
- Member Third Convocation Organising Committee, CUG
- Member IQAC, CUG

Hemant Kumar

- Coordinator, Centre for Studies in Science, Technology and Innovation Policy.
- BoS member of CSSTIP, M.A. in Social Work, CSSM and School of Social Sciences
- Member Asset Verification Committee, CUG
- Member Third Convocation Organising Committee, CUG

Centre for Studies in Society and Development

About the Centre

Established in 2009, Centre for Studies in Society and Development (CSRSD) is anchored to the disciplines of sociology and anthropology in articulating perspectives on development. The Centre aims to generate and disseminate knowledge on theoretical and applied aspects of society and development and the interfaces between them. Its courses introduce and engage with different theoretical formulations and debates concerning local as well as global issues related to social development. It tries to analyse different processes, actors, structures and power relations as constructed and contested by the state and different institutions as well. Teaching and research activities in the Centre are oriented towards contemporary questions pertaining to theoretical and applied dimensions of society.

The Centre currently runs the following two academic programmes:

- MA Sociology
- M.Phil.-Ph.D. in Society and Development

Faculties at the Centre level

Dr. Jayashree Ambewadikar, Assistant Professor

Areas of Interest: Sociology of Marginalised Communities, Studies on Social Exclusion-Inclusion and Studies on Poverty and Social Security Systems

Dr. Sudarshan Papanna, Assistant Professor

Areas of Interest: Urban Sociology, Sociological Theory, Philosophy of Social Sciences, Indian Society, Contemporary Social Processes.

Dr. Khaikholen Haokip, Assistant Professor and coordinator

Areas of Interest: Human Rights, Social Movements and Tribal Studies

Dr. Madhumita Biswal, Assistant Professor (on contract)

Areas of Interest: Sociology of Gender, Sociology of Health, Sociology of Development

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Haokip, Khaikholen (2020). Wilful Statelessness in Upland Northeast India, *The Book Review*, XLIV (5), 23-24, <https://www.thebookreviewindia.org/wilful-statelessness-in-upland-north-east-india/>
- Biswal, Madhumita (2021), Embodied Spatial Practices in the Field: Critical Ethnographies in Village Studies from India, *Contemporary South Asia*, <https://www.tandfonline.com/doi/pdf/10.1080/09584935.2021.1887085?needAccess>

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):

- Haokip, Khaikholen, Webinar on “India and Asian Geopolitics”, Organised by Foundation for Economic Growth and Welfare, 28th May 2021, as a Participant.

Participation in training/ orientation/refresher programme

- Ambewadikar, Jayashree, Online Refresher Course on Human Rights and Social Inclusion, organised by UGC-HRDC, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, 14-12-2020 to 28-12- 2020.
- Haokip, Khaikholen, Online Refresher Course in Sociology, organised by UGC-HRDC, Jawaharlal Nehru University, New Delhi, 7-09-2020 to 19-09-2020.

Participation of faculty in University governance as members of Committee or holding additional responsibilities

Dr. Khaikholen Haokip

- Coordinator, Centre for Studies in Society and Development
- Member, School Board, School of Social Sciences, Central University of Gujarat
- Member, Board of Studies, Centre for Studies in Society and Development
- Member, Committee for Advanced Studies and Research, School of Social Sciences
- Member, School Level Timetable Committee (2020-2021), School of Social Sciences

Dr. Sudarshan Papanna

- Member, Board of Studies, Centre for Studies in Society and Development, School of Social Sciences

Dr. Jayashree Ambewadikar

- Member, Board of Studies, Centre for Studies in Society and Development, School of Social Sciences, Central University of Gujarat
- Member of Board of Studies, School of Social Sciences, Central University of Gujarat
- Special invitee member, Board of Studies, MA in Social Work Programme, School of Social Sciences, Central University of Gujarat
- Member, Departmental Academic Integrity Panel for Centre for Comparative Literature and Translation Studies, School of Language Literature and Cultural Studies
- Committee Member, for framing course work for Research and Publication Ethics for Ph. D students at School of Social Sciences

Centre for Studies in Social Management

The Centre for Studies in Social Management (CSSM) was established to nurture a multidisciplinary approach which integrates disciplines of Social Work, Management and Public Policy embedded in the Social Sciences, for dealing with complex development issues. The Programme commenced in the year 2010-11.

Social Management as a discipline envisages a rigorous teaching and research programme that seeks to impart, understand and develop theoretical and practical knowledge and skills with respect to policy issues. The core idea is to have professionals and researchers who will contribute in innovative and critical ways to the development sector. Given the diverse actors in the policy domain, the Centre provides a platform for dialogue between academia, government, civil society and NGOs at various levels. Centre for Studies in Social Management practices a teaching methodology which focuses on imparting education through a student centric approach. Teachers make classes as interactive as possible and encourage innovative thought and novel interpretations. Discussions and debates on contemporary issues are encouraged and students get an opportunity to express and air their views apart from learning.

Faculties at the Centre level

Dr. Sony Kunjappan, Assistant Professor and coordinator

Areas of Interest: Criminal Justice Social Work, Law and Governance, Police Studies, Criminology and Human Rights

Dr. Litty Denis, Assistant Professor

Areas of Interest: Financial Inclusion, Management Theories and Practice, Financial Management, Accounting, Corporate Social Responsibility

Dr. Sudeep Basu, Assistant Professor

Areas of Interest: Refugees and Diaspora studies, Social Exclusion and Marginality, Migration, Ethnicity, Sociology of Knowledge, Philosophical Anthropology

Dr. Roja Lakshmi, Assistant Professor (On Contract)

Areas of Interest: Sociology of Education, Social Exclusion and Marginality, Social Entrepreneurship, Gender and Tribal studies.

Articles and papers published in reputed/peer reviewed/UGC approved Journals

- Anto, Jasmy & Denis, Litty. (2020). Social Capital Mobilization through Community Based Organizations for the Effective Management of Rural-Commons: A Study on 'Kudumbashree'. Journal of Rural Development. 38 (4) 561-571 <http://nirdpr.org.in/jrd.aspx>
- Basu, Sudeep and Sarasij Majumder. (2020). Coerced Movements and the Unravelling of a 'People'. Economic and Political Weekly, LV (21) 21-24

- Majumder, Sarasij & Sudeep Basu. (2020). Reflections on Capital, Identity and the Corona Conundrum, Seminar, 733 (9), 76-78
- Yadav, Chhotelal & Sudeep Basu, (2020). Migrants Labour and in Maritime Employment: Issues and Challenges in India, Shodh Sarita, Journal of Arts, Humanities and Social Sciences, December, 7 (28) 83-88
- Lakshmi, M. Roja. (2020). Women Entrepreneurship through Microfinance: A Case Study of Prayas Jan Vikas Bhandol – Gandhinagar. Sambodhi, 43(4(G): 79-85.
- Lakshmi, M. Roja. (2020). Role of Women Colleges in promoting women’s Higher Education: A Case Study of University College for women Koti Hyderabad. Infokara Research, 9(10): 197-210. <http://infokara.com/Volume-9-Issue-10-2020>
- Lakshmi, M. Roja. & Kumar., V. Dileep (2020). Financial Inclusion of Trafficking women through Social Entrepreneurship: A Case Study of PRAJWALA (Anti-trafficking Organisation). Infokara Research, 9(10): 211-223. <http://infokara.com/Volume-9-Issue-10-2020>

Papers published in edited volume

- Jose, Nisha and Kunjappan, Sony (2020). Women in 2018 Kerala Floods: A sociological narratives. In Amita Singh; R Lalitha S Fernando and Nivedita P Haran (Ed.), Development in Coastal Zones and Disaster Management (pp 201-214). Palgrave Macmillan publications.

Papers presented at international seminar/webinar/conference/workshop, etc.

- Denis Litty, - ‘Is There Any Material Capability on the Horizon? A Study of Property Rights of Indigenous Women in Gujarat, India’ at ‘New Horizons: Sustainability & Justice’ Annual HDCA Conference 2020 (online due to Covid-19) at Massey University, New Zealand held from 30th June to 2nd July, 2020.
- Basu Sudeep – ‘Governing Forced movements and the Making of the Ethnic’ in the International E-Conference on Migration, Diasporas and Sustainable Development: Perspectives, Policies, Opportunities and Challenges, jointly organized by Global Research Forum on Diaspora and Trans-nationalism (GRFDT), New Delhi, India, Migrant Forum in Asia (MFA), Manila, Philippines, Center for Research on North America (CISAN), UNAM, Mexico, 2nd November, 2020

Talks of academic nature at recognized institutions other than seminar/conference/ webinar, etc.

- Basu Sudeep - Apprehending Capital, Corona and its Social Effects, First Doctoral Colloquium on Management and Development (DOCMAD-2020), IRMA, online mode on ‘Covid Conundrum’ on 4th November, 2020.

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):

- Kunjappan Sony – Future of Social Work in India at the National Webinar on Future of Social Work organized by Navrachana University, Vadodara held on 09th July 2020:- As a Panelist
- Kunjappan Sony – Police Accountability and New Public Management Securities in Global Emergencies – Faculty Development Programme organized by Department of Computer Sciences, Nehru College of Engineering and Research Centre, Kerala held on 17th July:- As a Resource Person
- Kunjappan Sony - Competencies of Social Work Students organized by Delhi School of Social Work held by NAPSWI webisode for Social Work Students held on 08th August 2020: As a Panelist
- Kunjappan Sony - CSR, Social Entrepreneurship, Working Class, Occupational Social Work and World of Work, at the 8th Indian Social Work Congress on the theme organized by NAPSWI and Department of Social Work, Visva Bharathi, Santhnikethan. held on 2nd March 2021:- Co-chaired a session
- Denis Litty - The International Virtual Conference on Statistical Tools and Techniques for Research Data Analysis (ICSTRDA – 2021) at the School of Library & Information Science, Central University of Gujarat, Gandhinagar held on 21.01.2021 and 22.01.2021, Gujarat. Chaired a session

Participation in training/ orientation/refresher programme

- Kunjappan Sony - Outcome based education and Quality assurance in teaching 16 Nov to 21 Nov 2020
- Denis Litty - Online Training of Trainers Programme on Gender and Social Security from VV Giri National Labour Institute, Noida. from 8th June to 12th June, 2020
- Denis Litty - Online Training Programme on Gender Responsive Budgeting from VV Giri National Labour Institute, Noida from 13th July to 17th July, 2020
- Denis Litty - Online Short-Term Course on E-Content Development from Human Resource Development Centre, Gujarat University, Ahmedabad from 23rd to 29th July, 2020
- Denis Litty - Online Training Programme on Collaborative Governance in Rural Volunteerism organized by NIRD & PR, Hyderabad (nominated from University as a part of Unnat Bharat Abhiyan) from 1st to 5th March, 2021
- Basu Sudeep, Faculty-cum-Professional Development Programme in International Maritime Security Law, Policy and Governance, conducted by Raksha Shakti University, School of Maritime Air and Space Studies from 20th to 24th July, 2020

- Basu Sudeep, 91st Online Short-term course on E-Content Development, conducted by Human Resource Development Centre, Gujarat University, Ahmedabad from 9th to 15th July, 2020

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered during 2020-21)
Kunjappan Sony	Ph. D	4
Denis Litty	Ph. D	3
Basu Sudeep	Ph. D	4

Participation of faculty in University governance as members of Committee or holding additional responsibilities

Dr. Sony Kunjappan

- Coordinator, CSSM
- Coordinator, M.A in Social Work Programme – School Level
- Member, CASR, SSS
- Member, SSS, School Board
- Member, Board of Studies, (BoS) M.A in Social Work, SSS
- Member, Ordinance Committee, Central University of Gujarat
- International Students' Advisor (ISA), Central University of Gujarat
- Coordinator, Central University of Gujarat Alumni Cell
- Member, Academic Calendar Review Committee, Central University of Gujarat
- Member, Admission Committee, Central University of Gujarat
- Member, Committee for Corona Virus prevention, CUG
- Member, COVID 19 Cell, CUG (Notification No. 02/2020-21)
- Member, Discipline Committee, Central University of Gujarat

Dr. Litty Denis

- Member, Unnat Bharat Abhiyan Committee, CUG
- Nodal Officer, Mahatma Gandhi National Council for Rural Education, Ministry of Education, Government of India
- Member, Advisory Committee, NSS, CUG
- Member, Centre Board of Studies, Centre for Studies in Society and Development
- Member, Centre Board of Studies, CSSM
- Member, School Board of Studies, School of Social Sciences

Dr. Sudeep Basu

- Zero Semester Committee

Centre for Diaspora Studies

About the Centre

The Centre was established in the year 2011 with the objective to study and critically engage with issues of global migration and Diaspora from multi-disciplinary perspectives and produce quality research and knowledge for academia, government and society. The Centre focuses on Indian The Centre with a multidisciplinary framework studies and addresses the mutual relations and converging contours of diaspora.

The Centre provides an excellent academic environment with a focus on participatory teaching and learning use of ICT in teaching, periodical revision and updating of syllabus, field work exposures for students etc. The Centre invites scholars and visiting professors from prominent universities in India and abroad to deliver lectures on varied aspects of the subject, and it provides a platform for the students and faculties to learn the emergent issues in the subject. Students of the Centre are from different disciplinary backgrounds, religion and communities. The faculties members of the Centre have their background in Humanities and Social Sciences and have specialization in migration and Diaspora.

It is important to mention that the Centre for Diaspora Studies feels honoured to be acknowledged and appreciated by Honourable President of India Shri Ramnath Kovind Ji who referred the importance of 'Centre for Diaspora Studies' at CUG and its relevance of nation building of India in his presidential speech of 3rd Convocation of Central University of Gujarat held on 23rd February 2021 at Mahatma Mandir, Sector 13, Gandhinagar.

Central University of Gujarat has been recognized as migration research partners for his contribution, collaboration, and support during 2020 with the other best renowned university or Institutions (ex. Georgetown University, Harvard University, IUSSP, JNU, LSE, Maastricht University, United Nations University etc.) in the world by the International Organization of Migration (IOM), UN-Migration Division, Switzerland. Centre for Diaspora has been acknowledged and appreciated by the Dr. Marie McAuliffe, Head, Migration Research Division, IOM for wonderfully organized 2nd Two Days International webinar on "Positioning Migration Studies to understand the Short- and Long-Term Impacts of COVID-19 Pandemic" with Collaboration of prestigious institutions CSRD-JNU, IIPS-Mumbai, IGU-India and BHU in India, Under Convenorship & Coordinator Dr. Naresh Kumar, 10th-11th September 2020.

Central University of Gujarat has been recognized as migration research partners for the contribution, collaboration, and support during 2020 with the other best renowned university or Institutions (ex. Georgetown University, Harvard University, IUSSP, JNU, LSE, Maastricht University, United Nations University etc.) in the world by the International Organization of Migration (IOM), UN-Migration Division, Switzerland. Centre for Diaspora has been acknowledged and appreciated by Dr. Marie McAuliffe, Head, Migration Research Division, IOM for wonderfully organizing 2nd Two Days International webinar on "Positioning Migration Studies to understand the Short- and Long-Term Impacts of COVID-19 Pandemic" with Collaboration of prestigious institutions CSRD-JNU, IIPS-Mumbai, IGU-India and BHU in India.

Programmes offered

- M.Phil./Ph.D. integrated programme

Faculties at the Centre level

Prof. Atanu Mohapatra, professor and Chairperson

Areas of Interest: Communication Theory, Development Communication, Press Laws & Media Ethics Media and Diaspora, Media & Communication Research, International Relations.

Dr Siba Sankar Mohanty, Assistant professor

Areas of Interest: Diaspora and International Relations, Immigration Policies and Law, Migration/Immigration and International Organisations/Agencies, Diasporic Literature, Culture Studies, Indentured Labour Migration, Indian Diaspora in the Caribbean, Caribbean and Latin American Studies, Research Writing

Dr. Naresh Kumar, Assistant professor

Areas of Interest: Migration, Migration and Development, Indian Diaspora, Social-Demography, Population Geography & Studies, Gender, Refugee, displacement, Marginalization, Social Exclusion, social media & Migration, Migration & Diaspora Policy, Research Methods in Social Sciences.

Dr. Chapparban Sajaudeen Nijamodeen, Assistant professor

Areas of Interest: Literary Criticism and Theory, Migration and Diaspora Studies, Migration Rights and Human Rights, Refugee and Forced Migration Studies, Citizenship, South Asian Studies, Cultural Studies, Post 9/11 Studies, Contemporary English Literature/s, Muslim Literature, Minority studies and Research Methodologies in humanities.

Dr. Rajneesh Kumar Gupta, Assistant professor

Areas of Interest: Diaspora and International Relations, Indian Diaspora Policy, Indian Diaspora in Africa, Issues of Identity Retention, Integration and Assimilation among Diaspora, Human Rights of Migrant and Diasporic communities.

Dr. Shailendra Kumar, Assistant professor (on Contract)

Areas of Interest: Sociological, anthropological, and Diasporic theories along with rich field experience. His other areas of interests are cultural studies, education, migration, media, literature and cinema.

Articles and papers published in reputed/peer reviewed/UGC approved

- Mohapatra, A. K. (2020). An Analytical Study of Content and language of Indian Web Series. Journal of Xi'an University of Architecture and Technology. (Scopus), Vol.12 (05), ISSN: 10067930

- Mohapatra, A. K. (2020). Built Heritage in Print Media. *Bharatiya Manyaprad, International Journal of Indian Studies*. Vol VIII , ISSN: 2321-8444
- Mohanty, Siba Sankar (2020). Mobility, Diaspora and Transnationalism: A Conceptual Understanding. *Manglam*, 11 (XXI), 8-19.
- Mohanty, Siba Sankar and M. Geeta (2020). Queer (Diaspora), Identity and Governance: A Theoretical Analysis. *Indian Studies Review*, 1 (1), 65-99.
- Mohanty, Siba Sankar (2020). 'Diaspora' in the Era of Globalization and Transnationalism: Concept, Trends and Issues. *Annals of Multi-Disciplinary Research*, 10 (2), 212-216.
- Mohanty, Siba Sankar (2020). Life across the Dark Waters: Saga of Indian Indentureship in the Caribbean. *Bhartiya Manyaprad International Journal of Indian Studies*, 8 (1), 157-179.
- Mohanty, Siba Sankar and Nabin Kumar Khara (2020). Diaspora Factor in India's Soft Power Diplomacy (With Special Reference to Indian Diaspora in USA). *NAM Today*, LXXXVIII (7), 33-37.
- Pradhan, Ramakrushna and Siba Sankar Mohanty (2021). Chinese Grand Strategies in Central Asia: The Role of Shanghai Cooperation Organization and Belt and Road Initiative. *Fudan Journal of the Humanities and Social Sciences*, 14,197–223. <https://doi.org/10.1007/s40647-021-00318-6>
- Chapparban, S.N. (2020) Religious Identity and Politics of Citizenship in South Asia: A Reflection on Refugees and Migrants in India. *Development, the Quarterly Journal of the Society for International Development (SID)* **63**, 52–59 (2020). Palgrave Macmillan, Rome, Italy. ISSN: 1011-6370 (print) ISSN: 1461-7072 (electronic). <https://doi.org/10.1057/s41301-020-00247-z>
- Chapparban, S.N. and J. Bheemaiah (2020) "Decentralizing Academic Oligarchy: A Survey on Teachers and COVID-19" published UGC care Listed Journal, *Journal of Literature & Aesthetics: An international peer-reviewed journal devoted to critical and creative writing in English*, July-December 2020 (Vol. 20, No. 2) especial issue on the role of Humanities in the Context of the COVID-19 Pandemic
- Kumari, K., & Gupta, R.K. (2020). Indian Diaspora as a Soft Power Apparatus: Establishing the Diaspora Identity and its Influence in the Indo-US Bilateral Relations. *Dialogue Quarterly*, Vol. 22 No. 2. pp. 145-156.
- Gupta, R.K. (2020). Diaspora in Indian Foreign Policy: From Active Disassociation to Close Alignment. *World Focus*. December. pp. 87-92.
- Gupta, R.K. (2020). Cyberspace, social media and National Security Concerns: Indian Perspective. *NAM Today*, Vol. LXXXVIII, No. 07. pp. 44-48.

- Gupta, R.K. & Behera B. (2020). Engaging Diaspora through Foreign Policy: A Study of Indian Health Diplomacy in Mauritius during the COVID-19 Pandemic. *Mangalam*. Vol. XXI, Year 11(02). pp. 20-33.
- Gupta, R.K. & Kumar, R. (2020). Illegal Immigration in Assam and Indian Security Concerns in North-East Region. *Indian Studies Review*. Vol. 1, No. 2. pp. 19-45.
- Gupta, R.K. (2020). Diaspora and Cultural Heritage: A Study of Indians in Kenya. *Bhartiya Manyaprad- International Journal of Indian Studies*. Vol. 8, No. 1. pp. 136-56.
- Gupta, R.K. (2020). Cybersecurity threats to India's Trillion Dollar Digital Opportunity. *The Signage*. Vol. VIII, No. 1. pp. 10-19.
- Kumar Shailendra & Kumar Prabhat (2020). Indian Overseas Chinese. In Zhang Zhenjiang & Ji Weiwei (Ed.) *Observation of Overseas Chinese Situation in Areas and Countries along the "Belt and Road Initiatives" 2019* (pp.173–180). Jinan University Press, Guangzhou, China.

Papers published in edited volume

- Mohapatra, A. K. (2020) "Working of Panchayati Raj Institutions in Odisha: An Overview" in Singh.R(Ed), *Panchayati Raj in India*, Stadium Press (India) Ltd, New Delhi. (ISBN: 9385046640).
- Chapparban, S.N. and MD. Mujeebuddin (2020) "Madarsa Education from Human Right Perspective: Education, Minority and Identity", *MODERN CRITICAL TRENDS IN EDUCATION* edited by Prof. Dr. Borys Kholod - Alfred Nobel University, and Prof. Dr. Nevide Akpınar Dellal - Muğla Sıtkı Kocman University, Turkey, Published by Lambert Publication, Germany. Dec 2020

Other Publications (Magazines, Newspapers, web portals) e.g.,

- Kumar, N. (2020, October 12). "COVID-19 Pandemic and Positioning Migration Studies". Delhi Post. Web Link: <https://bit.ly/3nEkiiD>
- Chapparban, Sajaudeen. (Aug 2020), "Rohingyaphobia and Unheard Voices of Refugees During COVID-19" published in *Mondopoli: Looks on the world - Portal of geopolitics and international economics* (the website of the CeSPI, Center of Studies on International Politics of Rome, Rome, Italy).
- Gupta, R.K. (2021). Review of Dirk Siebels, *Maritime Security in East and West Africa-A Tale of Two Regions*. *Africa Review*. Vol. 13 No. 1. pp. 120-22.

Papers presented at international seminar/webinar/conference/workshop, etc.

- Naresh Kumar, Presented Paper entitled "Illegal or undocumented Immigrants and Refugees in India: Historical and Current Perspectives" in International E-Conference on "Migration, Diasporas and Sustainable Development: Perspectives, Policies, Opportunities and

Challenges”, jointly organized by Global Research Forum on Diaspora and Transnationalism (GRFDT), New Delhi, India, Migrant Forum in Asia (MFA), Manila, Philippines, Center for Research on North America (CISAN), UNAM, Mexico. 04-Nov-2020.

- Naresh Kumar, participated in “International Web-Symposium on Vande Bharat as World’s Largest Diaspora Evacuation Mission under COVID-19: Comparing Experiences of Different Home Countries” 22 August 2020, Organized by CDS, ODI-India, DIMP, New Delhi, JNU WebEx Platform.
- Gupta, R.K. ‘Emerging Research Agendas for Indian Diaspora in Africa in the post-COVID Situation’ in 6th ODI Young Scholar Diaspora Conference (YSDC) on “Impact of COVID-19 on Diverse Indian Diasporas in Africa: Role, Challenges, Expectations and Emerging Research Agenda” jointly organized by Centre for African Studies (CAS), SIS, JNU; Centre for Diaspora Studies, Central University of Gujarat (CUG) and Organization for Diaspora Initiatives (ODI India) on 27 June 2020 at Zoom platform

Papers presented at national/regional level seminar/webinar/conference/ workshop, etc.

- Gupta, R.K. Environmental Issues in Global Politics (Plenary Speaker)- Online Research Symposium on ‘GREEN@NMC’ organized by Nandkuvarba Mahila College, Maharaja Krishna kumar Sinhji Bhavnagar University on 5 June 2020 at Zoom Platform.

Talks of academic nature at recognized institutions other than seminar/ conference/ webinar, etc.

- Mohapatra Atanu Kumar, ‘Media, Identity & Indian Diaspora’ Special Lecture/Webinar on Media, Identity & Indian Diaspora by Amity School of Communication, Amity University, Raipur on 12th May 2020, Eminent Speaker
- Mohapatra Atanu Kumar, “Covid 19 and India’s Response National Webinar on Covid 19 and India’s Response organized by Jagannath Degree College, Jaleswar, Odisha on 31 August 2020, Chief Guest
- Mohapatra Atanu Kumar “Importance and Teachings of Guru Nanak Dev in Current perspectives” Webinar on Importance and Teachings of Guru Nanak Dev in Current perspectives organized by Rashtriya Sikh Sangat on 12th July 2020. Speaker
- Mohapatra Atanu Kumar, “Connecting ties between India and Southeast Asia through Indian Diaspora for Sustainable Development” International Webinar on Connecting ties between India and Southeast Asia through Indian Diaspora for Sustainable Development organized by Kalinga International Foundation (KYF) on 09 Jan 2021, Speaker
- Mohapatra Atanu Kumar, Initiative Policy Dialogue 2020: COVID 19 and Life Practice Beyond Pandemic International Webinar on Initiative Policy Dialogue 2020: COVID 19 and Life Practice Beyond Pandemic organized by Jawaharlal Nehru College, Cuttack, Odisha on 19 Dec 2020. Speaker

- Naresh Kumar, "Social Exclusion: Review and Reality", International Review of Social Exclusion in Two days National webinar, 26th and 27th February 2021, jointly organized by CSSEIP, Department of Sociology and Indian Council of Social Science Research (ICSSR), New Delhi. Plenary Speaker.
- Naresh Kumar, "The Impact of COVID-19 on Migration: A Reference from India" Organized by Calcutta Comparatists 1919, 28th January 2021. Distinguished Speaker. You Tube Live.
- Naresh Kumar, "Pathways for Aligning Skill Mapping with International Labour Market: Southern Edition" Hosted by India Centre for Migration, Ministry of External Affairs, Govt. of India, New Delhi. 23rd April 2021. As Expert.
- Naresh Kumar, "Indian Migration Data: Its Significance, Limitations and Scope" One-week Faculty Development Course for Teachers of Professional and Technical Disciplines at SGT University, from 02 - 07 November 2020. Organized by The Centre for New Initiatives and Research (CNIR), SGT University, Gurugram. Resource Person
- Naresh Kumar, "Different Sources of Migration & Diaspora Data: Limitations & Scope" in international webinar on "Research Methods and Approaches to Migration and Diaspora Studies" 30 June 2020 – 2 July 2020. Organized by Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar, India in Collaboration with Centre for Migration, Refugees and Belonging, University of East London, U.K. Plenary Speaker.
- Siba Sankar Mohanty, Distinguished Talk at a National Webinar on "Covid-19 and India's Response", Jagannath Degree College, Jaleswar, Balasore, Odisha, August 31, 2020. (). Speaker
- Sajaudeen Nijamodeen Chapparban "Two-Day Virtual International Conference on Statistical Tools and Techniques for Research Data Analysis ICSTRDA-2021" from 21 & 22 January 2021 at Central University of Gujarat, Gandhinagar, India. Session Chair
- Sajaudeen Nijamodeen Chapparban Special Guest speaker on "Diaspora Literature: An Introduction" in Department of English, MATS University, 09 May, 2020. [online]
- Sajaudeen Nijamodeen Chapparban special Lecture on "Research Writing in Humanities" organized by Faculty of Oriental Philology, Department of Translation Studies at Tashkent State University of Oriental Studies, Tashkent, Uzbekistan. On 13th May 2020. [online]
- Sajaudeen Nijamodeen Chapparban was Invited to speak on "Academic Writing for Beginners" as a Special Guest in National Webinar "Academic Writing and Research Methodology" at Tara Government College, Sangareddy, T.S, India on 5th June 2020. [online]
- Sajaudeen Nijamodeen Chapparban Invited to deliver a lecture titled "Refugees and marginality in India during COVID-19" in 2nd International Webinar on "Positioning Migration Studies to Understand the Short and Long-Term Impacts of the COVID-19 Pandemic" to be held on 10 & 11th September 2020, Organized by Centre for Diaspora Studies, CUG in collaboration with Department of History (BHU), CSRD-JNU, IIPS-Mumbai, IGU-India.

- Sajaudeen Nijamodeeen Chapparban was Invited to deliver a lecture titled “Psychoanalytical Reading of William Shakespeare’s Julius Caesar” in international webinar on global/native Shakespeare 21-28, September 2020 Organized by Department of English, School of Humanities and Languages, Central University of Karnataka, Kalaburagi.
- Sajaudeen Nijamodeeen Chapparban was Invited to deliver a talk on “The Politics of Citizenship and Making of Refugees in South Asia” at Association of Indian Research Scholars (AIRS) for scholars of Humanities and Social Sciences in India on 16 January 2021.
- Gupta, R.K. ‘Global World Order in Post Covid-19 Period: Opportunities and Challenges for India’ Special Lecture- SoDH Gujarat Prant on 13 April 2020 at Facebook Live.

Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.):

- Atanu Kumar Mahapatra, Special Remarks on “International Web-Symposium on Vande Bharat as World’s largest Diaspora Evacuation Mission under COVID-19: Comparing Experiences of Different Home Countries” 22 August 2020, Organized by CDS, ODI-India, DIMP, New Delhi, JNU WebEx Platform.
- Mohapatra, A.K., Moderator in “Global Webinar on Government Response Towards Indian Diaspora during covid-19” September 12, 2020, Jointly Organized by Centre for Diaspora Studies, AAJ_JNU, ODI, Antar-Rashtriya Sahyog Parishad & GRC, New Delhi.
- Mohapatra, A.K., Delivered Welcome Address in Inaugural Session of 2nd Two Days International webinar on “Positioning Migration Studies to understand the Short- and Long-Term Impacts of COVID-19 Pandemic” Organized by Centre for Diaspora Studies in with collaboration with CSRJ-JNU, IIPS-Mumbai, IGU-India and BHU, 10th-11th September 2020.
- Mohapatra, A.K., Delivered Welcome Address in Valedictory Session of 2nd Two Days International webinar on “Positioning Migration Studies to understand the Short- and Long-Term Impacts of COVID-19 Pandemic” Organized by Centre for Diaspora Studies in with collaboration with CSRJ-JNU, IIPS-Mumbai, IGU-India and BHU, 10th-11th September 2020.
- Mohapatra, A.K., Delivered Welcome Address in Inaugural Session of 1st international online workshop on research methods and approaches to migration and diaspora studies, organized by the Centre for Diaspora Studies, in collaboration with the Centre for Migration, Refugees and Belonging, University of East London, U.K. (30 June 2020 – 2 July 2020).
- Mohapatra, A.K., Chaired the Special Valedictory Session of 1st international online workshop on research methods and approaches to migration and diaspora studies, organized by the Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar, India in collaboration with the Centre for Migration, Refugees and Belonging, University of East London, U.K. (30 June 2020 – 2 July 2020).

- Mohapatra A. K., Moderator in “Role of Media in Self Reliant India” – National Webinar jointly organized by IIMC, New Delhi and Alumni Association of JNU on 6 March 2021.
- Mohapatra, A.K., Delivered Welcome Address in Inaugural Session of the One Day International Webinar on ‘US Presidential Election 2020 and Indian Diaspora’, organized by the Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar, India on 27 October 2020.
- Mohapatra, A.K., Delivered Welcome Address in Inaugural Session of the Workshop on ‘Diaspora Studies in the Curriculum and Pedagogy of Indian Education System with Special Focus on NEP 2020’ organized by Centre for Diaspora Studies Central University of Gujarat in association with Centre for Policy Research in Education, PMMMNMTT, School of Education, CUG during 13-14 March 2021.
- Mohapatra, A.K., Delivered Valedictory Address in Inaugural Session of the Workshop on ‘Diaspora Studies in the Curriculum and Pedagogy of Indian Education System with Special Focus on NEP 2020’ organized by Centre for Diaspora Studies Central University of Gujarat in association with Centre for Policy Research in Education, PMMMNMTT, School of Education, CUG during 13-14 March 2021.
- Kumar Naresh, Coordinated a Session on Forced Migration in Online International conference on “Migration, Diasporas and Sustainable Development: Perspectives, Policies, Opportunities and Challenges”, during 2-5 November 2020, New Delhi. Jointly organized by the GRFDT, MFA, GRFDT and CISAN. Session Coordinator.
- Kumar, Naresh., Organizing Committee Member- Workshop on ‘Diaspora Studies in the Curriculum and Pedagogy of Indian Education System with Special Focus on NEP 2020’ organized by Centre for Diaspora Studies Central University of Gujarat in association with Centre for Policy Research in Education, PMMMNMTT, School of Education, CUG on 13-14 March 2021.
- Kumar, Naresh, - One Day International Webinar on ‘US Presidential Election 2020 and Indian Diaspora’, organized by the Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar, India (27 October 2020). Participant.
- Kumar, Naresh, Food Committee In-charge- Workshop on ‘Diaspora Studies in the Curriculum and Pedagogy of Indian Education System with Special Focus on NEP 2020’ organized by Centre for Diaspora Studies Central University of Gujarat in association with Centre for Policy Research in Education, PMMMNMTT, School of Education, CUG on 13-14 March 2021.
- Siba Sankar Mohanty, International Webinar on Recent Security Threats to India from China: Responses of Indian Diaspora, organized by Organisation for Diaspora Initiatives (ODI, India), Centre for Diaspora Studies (CDS), Central University of Gujarat and Diaspora and International Migration Programme (DIMP), CAS, Jawaharlal Nenu University, New Delhi, 05/09/2020. Discussant in the Third Session.

- Sajaudeen Nijamodeeen Chapparban Organized 1st International Workshop On Research Methods And Approaches To Migration And Diaspora Studies online as Convenor and Coordinator, Organized by the Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar, India, the in collaboration with the Centre for Migration, Refugees and Belonging, University of East London, U.K. (30 June 2020 – 2 July 2020).
- Sajaudeen Nijamodeeen Chapparban was an Organizing Committee member of 2nd International Webinar on “Positioning Migration Studies to Understand the Short and Long-Term Impacts of the COVID-19 Pandemic” to be held on 10 & 11th September 2020, Organized by Centre for Diaspora Studies, CUG in collaboration with Department of History (BHU), CSRD-JNU, IIPS-Mumbai, IGU-India.
- Kumar Shailendra in Online International Workshop on “Research Methods and Approaches to Migration and Diaspora Studies” from 30 June 2020 – 2 July 2020. Chaired the Session ‘Contemporary Methodological Issues in Migration and Diaspora Research’
- Kumar, Shailendra., Organizing Committee Member- Workshop on ‘Diaspora Studies in the Curriculum and Pedagogy of Indian Education System with Special Focus on NEP 2020’ organized by Centre for Diaspora Studies Central University of Gujarat in association with Centre for Policy Research in Education, PMMMNMTT, School of Education, CUG on 13-14 March 2021.
- Gupta, R.K. Co-convenor: 6th ODI Young Scholar Diaspora Conference (YSDC) on “Impact of COVID-19 on Diverse Indian Diasporas in Africa: Role, Challenges, Expectations and Emerging Research Agenda” jointly organised by Centre for African Studies (CAS), SIS, JNU; Centre for Diaspora Studies, Central University of Gujarat (CUG) and Organisation for Diaspora Initiatives (ODI India) on 27 June 2020 at Zoom platform.
- Gupta, R.K. Moderator- Technical Session ‘African Countries with Indian Diaspora under COVID-19: Diverse Experiences of Anglophone, Francophone, Lusophone and Arabic Africa’ in 6th ODI Young Scholar Diaspora Conference (YSDC) on “Impact of COVID-19 on Diverse Indian Diasporas in Africa: Role, Challenges, Expectations and Emerging Research Agenda” jointly organised by Centre for African Studies (CAS), SIS, JNU; Centre for Diaspora Studies, Central University of Gujarat (CUG) and Organisation for Diaspora Initiatives (ODI India) on 27 June 2020 at Zoom platform.
- Gupta, R.K. Moderator- Technical Session on ‘Challenges and Opportunities for Engagement with Emerging India and the Global South’ in 10th Young Africanist Conference on “Options of Africa in Corona Crisis Under AFRICOM and Financial Clout of China: Comparative Challenges and Opportunities of Engagement with Global South” organized by Centre for African Studies, Jawaharlal Nehru University and African Studies Association of India on 5 June 2020 at Webex platform.
- Gupta, R.K. Moderator- Technical Session-‘COVID-19’s Impact and Challenges for African Countries’ in Young Scholars International Conference (Online) on “Africa’s Battle Against Pandemic COVID-19: Response & Challenges Organised by India-Africa Knowledge Forum

(IAKF), Delhi in Collaboration with MMH College, Ghaziabad, CCS University, Meerut, UP on 10 June 2020 at Google Meet platform.

- Gupta, R.K. Moderator- Panel Presentation and Discussion 'Indian and other Diasporas in Post Pandemic World: Emerging Research Agenda in Diaspora Studies' in 7th ODI Young Scholar's Diaspora Conference on "Indian Diaspora in Africa and other parts of the World under COVID-19: Comparative Perspectives on their Challenges, Post Pandemic Options, and Emerging Research Agenda in Diaspora Studies" jointly organised by The Organisation for Diaspora Initiatives (ODI India), and Diaspora and International Migration Programme (DIMP), Centre for African Studies, Jawaharlal Nehru University, New Delhi on 25th July, 2020 at WebEx platform.
- Gupta, R.K. Panel Discussant- Third Session of ODI International Web-Symposium on "Vande Bharat as World's largest Diaspora Evacuation Mission under COVID-19: Comparing Experiences of Different Home Countries " jointly organised by the Organisation for Diaspora Initiatives (ODI India), and Centre for Diaspora Studies (CDS), Central University of Gujarat (CUG) & Diaspora and International Migration Programme (DIMP), CAS-School of International Studies, Jawaharlal Nehru University, New Delhi, on August 22, 2020 at WebEx platform.
- Gupta, R.K. Coordinator- Hindi Language Session in International E-Conference on 'Migration, Diasporas and Sustainable Development: Perspectives, Policies, Opportunities and Challenges' jointly organized by Global Research Forum on Diaspora and Transnationalism (GRFDT), New Delhi, India; Migration Forum in Asia (MFA), Manila, Philippines; and Centre for Research on North America (CISAN), UNAM, Mexico on 2-5 November 2020 at Zoom platform.
- Gupta, R.K. Session Chair. 'Perspectives on Migration and Diaspora-IV' in International E-Conference on 'Migration, Diasporas and Sustainable Development: Perspectives, Policies, Opportunities and Challenges' jointly organized by Global Research Forum on Diaspora and Transnationalism (GRFDT), New Delhi, India; Migration Forum in Asia (MFA), Manila, Philippines; and Centre for Research on North America (CISAN), UNAM, Mexico on 2-5 November 2020 at Zoom platform.
- Gupta, R.K. Organizing Committee Member- Workshop on 'Diaspora Studies in the Curriculum and Pedagogy of Indian Education System with Special Focus on NEP 2020' organized by Centre for Diaspora Studies Central University of Gujarat in association with Centre for Policy Research in Education, PMMMNMTT, School of Education, CUG on 13-14 March 2021.
- Gupta, R.K. Organizing Committee Member- 1st International Workshop on 'Research Methods and Approaches to Migration and Diaspora Studies' (30 June – 2 July 2020), by CDS, CUG in collaboration with ROR-n, Vienna organized at Google meet platform.
- Gupta, R.K. Faculty in Charge of Media and Publicity Committee- 1st International Workshop on 'Research Methods and Approaches to Migration and Diaspora Studies' (30 June – 2 July 2020), by CDS, CUG in collaboration with ROR-n, Vienna.

- Mohanty, Siba Sankar. Convener- Workshop on 'Diaspora Studies in the Curriculum and Pedagogy of Indian Education System with Special Focus on NEP 2020' organized by Centre for Diaspora Studies Central University of Gujarat in association with Centre for Policy Research in Education, PMMMNMTT, School of Education, CUG on 13-14 March 2021.
- Mohanty, Siba Sankar. Convener- One Day International Webinar on 'US Presidential Election 2020 and Indian Diaspora', organized by the Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar, India (27 October 2020).
- Gupta, R.K. Organizing Committee Member- One Day International Webinar on 'US Presidential Election 2020 and Indian Diaspora', organized by the Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar, India (27 October 2020).

Participation in training/ orientation/refresher program

- Naresh Kumar, First Online Two-Week Refresher Course in West Asian Studies (Interdisciplinary) organized by the UGC – HRDC, Jamia Millia Islamia, New Delhi from 30th Dec -12th Jan 2021. As Participant.
- Naresh Kumar “one-week online workshop on “Understanding India’s National Security Challenges” between March 8-14, 2021. Organized by the Centre for Security Studies, School of National Security Studies in collaboration with the Centre for Policy Research in Education, School of Education with financial support from Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT), School of Education, Central University of Gujarat, Gandhinagar. As Participant.
- Naresh Kumar, “23rd Online Short-Term Course on E-Content Development” 28th May 2020 to 03rd June 2020 organized by UGC – Human Resource Development Centre, Gujarat University, Ahmedabad. Participant.
- Naresh Kumar, Two-day Workshop on “Diaspora Studies in the Curriculum and Pedagogy of Indian Education System with Special Focus on NEP 2020” 13-14 March 2021. Participant
- Sajaudeen Nijamodeeen Chapparban Completed 15th Two-Week Online Refresher Course in English Literature and Language organized from 26th November to 10th December, 2020 by the UGC-HRDC, Jamia Millia Islamia, New Delhi. (As a Participant)
- Sajaudeen Nijamodeeen Chapparban Participated in the Summer School on “Performing Resistance. Dialogues on Arts, Migrations, Inclusive Cities” during 16 – 20 June, 2020 organized as part of Atlas of Transitions Biennale by Università di Bologna, Bologna, Italy.
- Sajaudeen Nijamodeeen Chapparban Participated in the International webinar organized on the occasion of World Refugee Day titled "Challenges to Refugees, Asylum Seekers and Stateless People in India: The Need for an Inclusive Approach" on June 20,2020 by UNHCR-India.

- Sajaudeen Nijamodeeen Chapparban Participated in Four Day Soft Skills Online Training Program held on 20th, 22nd, 23rd, & 24th July 2020 Organizes by Krantigurur Shyamji Krishna Verma Kachchh University, Bhuj-Kachchh, Gujarat, India.
- Sajaudeen Nijamodeeen Chapparban Participated in webinar on Scale Development in Social Sciences at KLU, Business School, Hyderabad on 26th Dec 2020.
- Siba Sankar Mohanty, 1st Online Refresher Course in Social Science (Diaspora Studies), 28/09/2020 to 11/10/2020. Participant.
- Gupta, R.K. 4th Online Guru Dakshta (Faculty Induction Programme) organized by UGC, HRDC, Gujarat University, Ahmedabad from 27 July to 25 August 2020. Grade secured A+.
- Gupta, R.K. 1st Online Refresher Course in Social Science organized by UGC, HRDC, Gujarat University, Ahmedabad from 28 September to 11 October 2020.
- Kumar Shailendra in Online International Workshop on “Research Methods and Approaches to Migration and Diaspora Studies” from 30 June 2020 – 2 July 2020. Participant
- Kumar Shailendra in Online International webinar on “Positioning Migration Studies to Understand the Short and Long-Term Impacts of the COVID-19 Pandemic” 10 & 11th September 2020. Participant
- Kumar Shailendra in Two-day Workshop on “Diaspora Studies in the Curriculum and Pedagogy of Indian Education System with Special Focus on NEP 2020” 13-14 March 2021. Participant

Research projects undertaken.

- Gupta, R.K. ‘Migrant and Diasporic Communities in the Agenda of Global Governance: Opportunities and Challenges for India’ ICSSR-IMPRESS sponsored. Sanctioned amount 8,00,000/-. (Ongoing).

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered during 2020-21)
Mohapatra Atanu Kumar	M Phil	01
	Ph D	01
Naresh Kumar	M.Phil.	01
Siba Sankar Mohanty	Ph. D	01
	M.Phil.	01
<u>Chapparban, Sajaudeen</u>	M. Phil	01
Gupta, R.K.	M.Phil.	01
	Ph.D.	01

Participation of faculty in university governance as members of Committee or holding additional responsibilities.

Prof. Atanu Mohapatra

- Director, Internal Quality Assurance Cell (IQAC), CUG
- Dean (I/c), School of Library and Information Science, CUG
- Chairperson, Centre for Diaspora Studies, CUG
- Member, Academic Council, CUG
- Member, CUG Court, CUG
- Chairman, Centre Board of Studies, Centre for Diaspora Studies, CUG
- Chairman, School Board of Studies, SLIS, CUG
- Chairman, CASR, SLIS, CUG
- Chairperson and Nodal Officer, Ek Bharat Shreshtha Bharat (EBSB), CUG
- Chairman, Yoga Implementation Committee, CUG
- Chairman, Adhoc Board, Hindu Studies, CUG
- Chairman, CASR, Centre for Diaspora Studies, CUG
- Member, CASR, School of Social Science, CUG
- Member, University Purchase Committee, CUG
- Member, Library Committee, CUG
- Member, Ordinance Committee, CUG
- Member, Swayam Implementation Committee, CUG
- Member, Admission Committee, CUG
- Member, PR Committee and Stage Committee of 3rd Convocation, CUG
- Coordinator, Kulgeet Committee, 3rd Convocation, CUG
- Chairman, Local Purchase Committee (LPC) Centre for Diaspora Studies, CUG

Dr. Siba Sankar Mohanty

- Member, IQAC Sub Committee, CUG
- Member, Centre Board of Studies, Centre for Diaspora Studies, CUG
- Member, Centre Board of Studies, Centre for Gandhian Thought and Peace Studies, SSS, CUG
- Member, Committee for Physical Verification of Stock (Library Books)
- Purchasing Officer, Purchasing Committee, Centre for Diaspora Studies
- Member, Purchasing Committee, IQAC

Dr. Naresh Kumar

- Member of Venue Committee for organizing 3rd Convocation of CUG on 23rd February 2021, Mahatma Mandir, Sector 13, Gandhinagar.
- Member of Centre Board of Studies (BoS) Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar.
- Member of CASR (Committee for Advanced Studies and Research), Centre for International Politics, School of International Studies, Central University of Gujarat (CUG) Gandhinagar.
- Member of Centre Board of Studies (2018-19) Centre for International Politics, School of International Studies, Central University of Gujarat.
- Invigilators at CUG for CUCET examination on September 2020.

- Member of the Constitution of Local Purchase Committee (LPC) Centre for Diaspora Studies 2020, Central University of Gujarat.

Dr. Chapparban Sajaudeen Nijamodeen

- Member- Committee of Advance Studies and Research (CASR), Centre for Diaspora Studies, Central University of Gujarat.
- Member of Centre Board of Studies (BoS) Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar
- Invigilators at CUG for CUCET examination on September 2020.
- Member Syllabus Design Committee, Centre for Diaspora Studies, Central University of Gujarat.
- Member of Sitting Arrangement Committee for organizing 3rd Convocation of CUG on 23rd February 2021, Mahatma Mandir, Sector 13, Gandhinagar.

Dr. Rajneesh Gupta

- Warden- Sector-24 Boys Hostel, CUG
- Nodal Officer- NSS, CUG
- Member- Committee for Verification of Fixed Assets and Consumable (2019-20) & (2020-21)
- In-charge for preparation and publicizing fitness plan in the university as a part of Fit India Movement.
- Swayam Coordinator for Centre for Diaspora Studies, CUG.
- Member 'Committee on Campaign for Covid-19 appropriate behaviour and other Covid-19 related outreach activities
- Convener- Yoga Program Implementation Committee, CUG.
- Member- Sitting Arrangement and Discipline Committee for 3rd **Convocation** of the University (22 February 2021), CUG
- Member- Committee of Advance Studies and Research (CASR), Centre for Diaspora Studies, Central University of Gujarat.
- Member- Centre Board, Centre for International Politics, School of International Studies, Central University of Gujarat.
- Organizing Committee Member- Celebration of India's 75 years of independence – India@75 – Azadi ka Amrut Mahotsav

Honours and achievements such as prize, fellowship, award, patent rights, etc.

- Mahapatra Kumar Atanu, Member, Academic Council, Sanchi University of Buddhist and Indic Studies, Sanchi, Madhya Pradesh (2021)
- Dr. Naresh Kumar is registered as a corresponding member of the International Geographical Union Commission (IGU) on Population Geography.

Annexures

Entrance Test 2020-21 Details for Admission through CUCET -2020

Sr. No.	Stream	School	Programmes	Intake	Total Registered in CUCET 2020	Admission 2020-21		
						Male	Female	Total Admission
1	UG	School of Language, Literature and Culture Studies	German Studies B.A. (Hons.)	33	824	14	7	21
2	UG	School of Language, Literature and Culture Studies	Chinese B.A. (Hons.)	33	908	13	7	20
3	UG	School of Social Sciences	5-Years Integrated/ Dual Degree B.A.-M.A. in Social Management	33	903	11	13	24
4	PG	School of Social Sciences	M.A. in Economics	33	293	10	16	26
5	PG	School of Social Sciences	M.A. in Sociology	33	186	13	9	22
6	PG	School of Social Sciences	M.A. in Political Science	33	390	13	11	24
7	PG	School of Social Sciences	M.A. in Social Work	33	226	12	18	30
8	PG	School of International Studies	M.A. in Politics and International Relations	33	374	19	7	26
9	PG	School of Language, Literature	M.A. in Hindi	33	53	6	14	20

		and Culture Studies						
10	PG	School of Language, Literature and Culture Studies	M.A. in English	33	349	7	19	26
11	PG	School of Language, Literature and Culture Studies	M.A. in Gujarati	33	34	12	9	21
12	PG	School of Language, Literature and Culture Studies	M.A. in Chinese	33	10	11	1	12 (5 Army Students)
13	PG	School of Language, Literature and Culture Studies	M.A. in German Studies	33	10	5	1	6
14	PG	School of Education	M.Ed.	33	155	7	11	18
15	PG	School of National Security Studies	M.A. in Defence and Strategic Studies	33	159	19	8	27
16	PG	School of Library and Information Science	Master of Library and Information Science	33	105	16	10	26
17	PG M.Sc.	School of Applied Material Science	M.Sc. in Industrial Chemistry	33	570	11	9	20
18	PG M.Sc.	School of Chemical Sciences	M.Sc. in Chemical Sciences	33	850	16	8	24
19	PG M.Sc.	School of Life Sciences	M.Sc. in Life Sciences	33	1245	6	19	25

20	PG M.Sc.	School of Environment and Sustainable Developme nt	M.Sc. in Environmental Sciences	33	718	13	18	31
21	PG M.Sc.	School of Nano Sciences	M.Sc. in Nanotechnolog y	33	284	8	13	21
								475

Research Programme

Sr. No.	Stream	School	Programmes	Intake	Total Registered in CUCET 2020	Interview: As per Cut off 50- General and 45 - Other Category SC/ST/OBC/EWS	Male	Female	Total Admission
22	M.Phil.	School of Social Sciences	M.Phil. In Economics	8	238	163	4	3	7
23	M.Phil.	School of Social Sciences	M.Phil. in Studies in Science, Technology and Innovation Policy	4	55	18	1	2	3
24	M.Phil.	School of International Studies	M.Phil. in International Politics	5	242	115	4	2	6
25	M.Phil.	School of National Security Studies	M.Phil. in Security Studies	8	127	67	6	3	9
26	M.Phil.	Centre for Diaspora Studies	M.Phil. in Diaspora Studies	6	108	59	6	2	8
27	M.Phil.	School of Language, Literature and Culture Studies	M.Phil. in Comparative Literature	5	69	33	3	2	5
28	M.Phil.	School of Language, Literature and Culture Studies	M.Phil. in Hindi	6	248	135	3	4	7
29	M.Phil.	School of Language, Literature and	M.Phil. in English	5	340	170		5	5

		Culture Studies							
30	Ph.D.	School of Social Sciences	Ph.D. in Economics	2	237	174	1	1	2
31	Ph.D.	School of Social Sciences	Ph.D. in Social Management	2	56	30	1	1	2
32	Ph.D.	School of International Studies	Ph.D. in International Politics	5	225	122		2	2
33	Ph.D.	School of National Security Studies	Ph.D. in Security Studies	6	119	77	6		6
34	Ph.D.	School of Language, Literature and Culture Studies	Ph.D. in Comparative Literature	5	132	70		5	5
35	Ph.D.	School of Language, Literature and Culture Studies	Ph.D. in English	5	347	197	1	4	5
36	Ph.D.	Centre for Diaspora Studies	Ph.D. in Diaspora Studies	4	100	62	6		6
37	Ph.D.	School of Applied Material Science	Ph.D. in Applied Chemistry	5	222	84	3	2	5
38	Ph.D.	School of Chemical Sciences	Ph.D. in Chemical Sciences	12	318	118	5	7	12
39	Ph.D.	School of Life Sciences	Ph.D. in Life Sciences	2	588	330		2	2
40	Ph.D.	School of Environment and	Ph.D. in Environment and	5	288	158	2	3	5

		Sustainable Development	Sustainable Development						
41	Ph.D.	School of Nano Sciences	Ph.D. in Nano Sciences	6	233	72	4	2	6
42	Ph.D.	School of Library and Information Science	Ph.D. in Library and Information Science	2	94	63		2	2
43	Ph.D.	School of Education	Ph.D. in Education	9	213	178	6	3	9
44	Ph.D.	School of Language, Literature and Culture Studies	Ph.D. in German Studies	8	7	1	1		1
			Total	818	13252	2496	305	285	590

Summary

Stream	Intake	Admission	Male	Female	Foreign Students
UG	99	65	38	27	
PG	429	284	150	134	1- Male and 1- Female = 2
PG M.Sc.	165	121	54	67	
M.Phil.	47	50	27	23	
Ph.D.	78	70	36	34	
Grand Total	818	590	305	285	2

State Wise Admission 2020-21

State	No. of Students	State	No. of Students
Andhra Pradesh	16	Madhya Pradesh	8
Arunachal Pradesh	1	Maharashtra	19
Assam	23	Manipur	2
Bihar	69	Nagaland	2
Chandigarh	2	Orissa	60

Chhattisgarh	5	Punjab	3
Dadra and Nagar Haveli	3	Rajasthan	55
Delhi	45	Tamil Nadu	2
Gujarat	79	Telangana	23
Haryana	13	Uttar Pradesh	44
Himachal Pradesh	1	Uttarakhand	8
Jammu and Kashmir	8	West Bengal	20
Jharkhand	17	Afghanistan	1
Karnataka	7	Japan	1
Kerala	53	Grand Total	590

Award of degree during 01.04.2020 to 31.03.2020

Research Programme

Name of Programme	M.Phil.	Ph.D.	Grand Total
Hindi	7	7	14
Nano Sciences	1		1
Security Studies	1		1
Comparative Literature		6	6
Chemical Sciences		12	12
Comparative Literature	1		1
Diaspora Studies	3	4	7
Economics		10	10
Environment and Sustainable Development		6	6
Gandhian Thought and Peace Studies		10	10
Life Sciences		4	4
Nano Sciences		8	8
Science, Society and Development		2	2
Society and Development		5	5
Studies in Science, Technology and Innovation Policy		2	2
Chemical Sciences	4		4
Diaspora Studies	3		3
Gujarati	4		4
International Politics	1		1
Applied Chemistry		2	2
Grand Total	25	78	103

UG/PG Programme

Name of Programme	No. of Students
PG	120
M.A. in Chinese	7
M.A. in Chinese Language and Culture (Five Year Integrated Programme)	2
M.A. in Economics	7
M.A. in English	12

M.A. in German	1
M.A. in Gujarati	5
M.A. in Hindi	7
M.A. in Political Science	5
M.A. in Politics and International Relations	8
M.A. in Social Management	2
M.A. in Social Work	6
M.A. in Sociology	3
M.Sc. In Chemical Sciences	11
M.Sc. In Climate Change and Sustainable Development	1
M.Sc. In Environmental Sciences	6
M.Sc. in Industrial Chemistry	10
M.Sc. In Nanotechnology	7
M.Sc. Life Sciences	14
Master of Library and Information Science	6
UG	21
B.A. in Chinese	9
B.A. in German	9
B.Voc. (Rational Approach to Drug Design)	3
Grand Total	141

3rd Convocation of Central University of Gujarat

List of Awardees

	Name of Centre	Name of Degree	No. of Students
School of Language, Literature and Culture Studies			
UG			
SLL&CS	Centre for Chinese Language and Culture	B.A. in Chinese	9
SLL&CS	Centre for German Studies	B.A. in German	9
SLL&CS	Centre for German Studies	B.A. in German Studies (Five Year Integrated)	1
PG			
SLL&CS	Centre for English Studies	M.A. in English	12
SLL&CS	Centre for Studies in Hindi Language and Literature	M.A. in Hindi	7
SLL&CS	Centre for German Studies	M.A. German	1
SLL&CS	Centre for Chinese Language and Culture	M.A. in Chinese Language and Culture (Five-Year Integrated)	2
SLL&CS	Centre for Chinese Language and Culture	M.A. in Chinese	7
SLL&CS	Centre for Gujarati Language and Literature	M.A. Gujarati	5
Master of Philosophy			
SLL&CS	Centre for Comparative Literature and Culture Studies	M.Phil. In Comparative Literature	1
SLL&CS	Centre for Studies in Hindi Language and Literature	M.Phil. in Hindi	7
SLL&CS	Centre for Gujarati Language and Literature	M.Phil. In Gujarati	4
Doctor of Philosophy			
SLL&CS	Centre for Comparative Literature and Culture Studies	Ph.D. In Comparative Literature	6
SLL&CS	Centre for Studies in Hindi Language and Literature	Ph.D. In Hindi Language and Literature	5
Total			76

School of Life Sciences			
PG			
SLS	School of Life Sciences	M.Sc. In Life Sciences	14
Doctor of Philosophy			
SLS	School of Life Sciences	Ph.D. In Life Sciences	4
Total			18
School of Chemical Sciences			
	Name of Centre	Name of Degree	No. of Students
PG			
SCS	School of Chemical Sciences	M.Sc. In Chemical Sciences	11
Master of Philosophy			
SLS	School of Chemical Sciences	M.Phil. in Chemical Sciences	4
Doctor of Philosophy			
SCS	School of Chemical Sciences	Ph.D. in Chemical Sciences	11
Total			26
School of Applied Material Sciences			
	Name of Centre	Name of Degree	No. of Students
B. Voc			
SCS	-----	B.Voc	5
PG			
SCS	Centre for Applied Chemistry	M.Sc. In Industrial Chemistry	10
Doctor of Philosophy			
SCS	Centre for Applied Chemistry	Ph.D. in Applied Chemistry	3
Total			18
School of Environment and Sustainable Development			
	Name of Centre	Name of Degree	No. of Students
PG			
SESD	School of Environment and Sustainable Development	M.Sc. In Environmental Sciences	6

SESD	School of Environment and Sustainable Development	M.Sc. In Climate Change and Sustainable Development	1
Doctor of Philosophy			
SESD	School of Environment and Sustainable Development	Ph.D. In Environment and Sustainable Development	5
Total			12
School of Nano Sciences			
PG			
SNS	Centre for Nano Sciences	M.Sc. In Nanotechnology	7
Master of Philosophy			
SNS	Centre for Nano Sciences	M.Phil. In Nano Sciences	1
Doctor of Philosophy			
SNS	Centre for Nano Sciences	Ph.D. In Nano Sciences	8
Total			16
School of Social Sciences			
PG			
SSS	Centre for Studies in Economics and Planning	M.A. In Economics	7
SSS	Centre for Studies in Society and Development	M.A. in Sociology	3
SSS	Centre for Studies in Social Management	M.A. in Social Management (Five-Year Integrated)	1
SSS	Centre for Studies in Social Management	M.A. in Social Management	2
SSS	--	M.A. Political Science	5
SSS	--	M.A. Social Work	6
Doctor of Philosophy			
SSS	Centre for Studies in Science, Technology and Innovation Policy	Ph.D. in Studies in Science, Technology and Innovation Policy	2
SSS	Centre for Studies in Economics and Planning	Ph.D. In Economics	10
SSS	Centre for Gandhian Thought and Peace Studies	Ph.D. in Gandhian Thought and Peace Studies	9
SSS	Centre for Society and Development	Ph.D. In Society and Development	4

SSS	Centre for Studies in Science, Technology and Innovation Policy	Ph.D. In Science, Society and Development	1
Total			50
School of National Security Studies			
Master of Philosophy			
SNSS	Centre for Security Studies	M.Phil. Security Studies	1
Total			1
School of International Studies			
	Name of Centre	Name of Degree	No. of Students
PG			
SIS	School of International Studies	M.A. in Politics and International Relations	8
Master of Philosophy			
SIS	Centre for International Politics	M.Phil. In International Politics	1
Total			9
School of Library and Information Sciences			
MASTER'S			
Library	Centre for Library and Information Science	Master of Library and Information Science	6
Total			6
Centre for Diaspora Studies			
	Name of Centre	Name of Degree	No. of Students
Master of Philosophy			
CDS		M.Phil. in Diaspora Studies	7
Doctor of Philosophy			
CDS	--	Ph.D. in Diaspora Studies	5
Total			12
Grand Total			244

SUMMARY

UG	24
PG	121
M.PHIL.	26
PH.D.	73
TOTAL	244

List of Faculty

Sr. No.	Name of Employee	Designation	School	Centre
1.	Prof. Man Singh	Professor	School of Chemical Sciences	Centre for Studies in Chemistry
2.	Prof. Alok Kumar Gupta	Professor	School of Language Literature & Culture Studies	Centre for Hindi Studies
3.	Prof. Atanu Bhattacharya	Professor	School of Language Literature & Culture Studies	Centre for English Studies
4.	Prof. Sanjay Kumar Jha	Professor	School of National Security Studies	Centre for Security Studies
5.	Prof. Sanjeev Kumar Dubey	Professor	School of Language Literature & Culture Studies	Centre for Hindi Studies
6.	Prof. Balaji Ranganathan	Professor	School of Language Literature & Culture Studies	Centre for English Studies
7.	Prof. Indrani Banerjee	Professor	School of Nana Science	-
8.	Prof. Sarita Agrawal	Professor	School of Social Sciences	Centre for Studies in Economics and Planning
9.	Prof. Manish	Professor	School of International Studies	Centre for International Politics
10.	Prof. Hasmukhlal Bhailalbhair Patel	Professor	School of Education	-
11.	Prof. Rajesh Kumar Jethalal	Professor	School of Language Literature & Culture Studies	Centre for Gujarati Language & Literature
12.	Prof. Jaya Prakash Pradhan	Professor	School of Social Sciences	Centre for Studies in Economics and Planning
13.	Prof. Prakash Chandra Jha	Professor	School of Applied Material Sciences	Centre for Applied Chemistry
14.	Prof. Bhawana Pathak	Professor	School of Environment and	-

			Sustainable Development	
15.	Prof. Dinesh Kumar	Professor	School of Chemical Science	Centre for Studies in Chemistry
16.	Prof. R. Hiranmai Yadav	Professor	School of Environment and Sustainable Development	-
17.	Prof. Atanu Kumar Mohapatra	Professor	-	Centre for Diaspora Studies
18.	Prof. Seema Rawat	Professor	School of Life Science	-
19.	Prof. Pallavi Sharma	Professor	School of Environment and Sustainable Development	-
20.	Dr. Umesh Singh Yadav	Associate Professor	School of Life Science	-
21.	Dr. Arun Vishawanathan	Associate Professor	School of National Security Studies	Centre for Security Studies
22.	Dr. Jayendrakumar Nathalal Amin	Associate Professor	School of Education	-
23.	Dr. Gavisiddappa Rudrappa Angadi	Associate Professor	School of Education	-
24.	Dr. Ajaysinh Jethusinh Chauhan	Associate Professor	School of Language Literature & Culture Studies	Centre for Gujarati Language & Literature
25.	Dr. Kshamanidhi Adabar	Associate Professor	School of Social Sciences	Centre for Studies in Economics and Planning
26.	Dr. Vinai Kumar Donthula	Assistant Professor	School of Language Literature and Culture Studies	Centre for German Studies
27.	Dr. Anushka Gokhale	Assistant Professor	School of Language Literature and Culture Studies	Centre for German Studies
28.	Shri Prabhat Kumar	Assistant Professor	School of Language Literature and Culture Studies	Centre for Chinese Studies
29.	Dr. L. Raju Chowhan	Assistant Professor	School of Applied Material Science	Centre for Applied Chemistry

30.	Dr. Roshan Lal Jahel	Assistant Professor	School of Language Literature and Culture Studies	Centre for German Studies
31.	Dr. Saurabh Sharma	Assistant Professor	School of International Studies	Centre for International Politics
32.	Dr. Kishore Jose	Assistant Professor	School of National Security Studies	Centre for Security Studies
33.	Dr. Mohandas Singh Nongmaithem	Assistant Professor	School of National Security Studies	Centre for Security Studies
34.	Dr. Parvathi Krishnaswamy Iyer	Assistant Professor	School of Social Science	Centre for Studies in Science, Technology and Innovation Policy
35.	Dr. Shiju Sam Varughese	Assistant Professor	School of Social Science	Centre for Studies in Science, Technology and Innovation Policy
36.	Dr. Kunal Sinha	Assistant Professor	School of Social Science	Centre for Studies in Science, Technology and Innovation Policy
37.	Dr. Sony Kunjappan	Assistant Professor	School of Social Science	Centre for Studies in Social Management
38.	Dr. Manasi Singh	Assistant Professor	School of National Security Studies	Centre for Security Studies
39.	Dr. Sarala Dasari	Assistant Professor	School of Social Sciences	Centre for Studies in Economics and Planning
40.	Dr. Hemant Kumar	Assistant Professor	School of Social Science	Centre for Studies in Science, Technology and Innovation Policy
41.	Dr. Dhananjay Kumar Rai	Assistant Professor	School of Social Science	Centre for Gandhina Thought and Peace Studies
42.	Dr. Jagannatham Begari	Assistant Professor	School of Social Science	Centre for Gandhina Thought and Peace Studies
43.	Dr. Jayashree Ambewadikar	Assistant Professor	School of Social Science	Centre for Studies in Society and Development
44.	Dr. Beryl Anand	Assistant Professor	School of Social Science	Centre for Gandhina Thought and Peace Studies

45.	Shri Smruti Ranjan Dhal	Assistant Professor	School of Social Science	Centre for Gandhina Thought and Peace Studies
46.	Dr. Sudarshan Papanna	Assistant Professor	School of Social Science	Centre for Studies in Society and Development
47.	Dr. Litty Denis	Assistant Professor	School of Social Science	Centre for Studies in Social Management
48.	Dr. Ishmeet Kaur Chaudhry	Assistant Professor	School of Language Literature & Culture Studies	Centre for English Studies
49.	Dr. Dhara K. Chotai	Assistant Professor	School of Language Literature & Culture Studies	Centre for English Studies
50.	Dr. Khaikholen Haokip	Assistant Professor	School of Social Science	Centre for Studies in Society and Development
51.	Dr. Zarana Dilipkumar Maheshwary	Assistant Professor	School of Language Literature & Culture Studies	Centre for Comparative Literature and Translation Studies
52.	Dr. Kingson Singh Patel	Assistant Professor	School of Language Literature & Culture Studies	Centre for Hindi Studies
53.	Dr. Pramod Kumar Tiwari	Assistant Professor	School of Language Literature & Culture Studies	Centre for Hindi Studies
54.	Dr. Zakia Firdaus Sulaiman	Assistant Professor	School of Language Literature & Culture Studies	Centre for Comparative Literature and Translation Studies
55.	Dr. Niveditha Kalarikkal	Assistant Professor	School of Language Literature & Culture Studies	Centre for Comparative Literature and Translation Studies
56.	Dr. Gajendra Kumar Meena	Assistant Professor	School of Language Literature & Culture Studies	Centre for Hindi Studies
57.	Dr. Tulika Tripathi	Assistant Professor	School of Social Sciences	Centre for Studies in Economics and Planning

58.	Dr. Priya Ranjan Kumar	Assistant Professor	School of Social Science	Centre for Gandhian Thought and Peace Studies
59.	Dr. Sudeep Basu	Assistant Professor	School of Social Science	Centre for Studies in Social Management
60.	Dr. Rajesh Singh	Assistant Professor	School of Environment and Sustainable Development	-
61.	Dr. Paulami Sahu	Assistant Professor	School of Environment and Sustainable Development	-
62.	Dr. Rina Kumari	Assistant Professor	School of Environment and Sustainable Development	-
63.	Dr. Rajesh Vasita	Assistant Professor	School of Life Science	-
64.	Dr. Dheeraj Rathore	Assistant Professor	School of Environment and Sustainable Development	-
65.	Dr. Sunita Patel	Assistant Professor	School of Life Science	-
66.	Dr. Bhakti Krishnakant Gala	Assistant Professor	School of Library and Information Science	-
67.	Dr. Dhananjay Mondal	Assistant Professor	School of Chemical Science	Centre for Studies in Chemistry
68.	Dr. Siba Sankar Mohanty	Assistant Professor	-	Centre for Diaspora Studies
69.	Dr. Charu Lata Dube	Assistant Professor	School of Nano Science	-
70.	Dr. Naresh Kumar	Assistant Professor	-	Centre for Diaspora Studies
71.	Shri Nishant Kumar	Assistant Professor	School of Language Literature & Culture Studies	Centre for Chinese Studies
72.	Dr. Lenin V. Dandamudi	Assistant Professor	School of Chemical Science	Centre for Studies in Chemistry

73.	Dr. Sajaudeen Nijamodeen Chapparban	Assistant Professor	-	Centre for Diaspora Studies
74.	Dr. Eeshwaraiah Begari	Assistant Professor	School of Applied Material Sciences	Centre for Applied in Chemistry
75.	Dr. Minaxi Amrutlal Parmar	Assistant Professor	School of Library and Information Science	-
76.	Dr. Rajneesh Kumar Gupta	Assistant Professor	-	Centre for Diaspora Studies
77.	Dr. Hitesh Kulhari	Assistant Professor	School of Nano Science	-
78.	Dr. Gururaja Nagaraj Guddeangadi	Assistant Professor	School of Chemical Science	Centre for Studies in Chemistry
79.	Dr. Umesh Kumar	Assistant Professor	School of Nano Science	-
80.	Shri Swami Kundan Kishor	Assistant Professor	School of Language Literature & Culture Studies	Centre for Chinese Studies
81.	Dr. Rashmi Tukaram Kumbar	Assistant Professor	School of Library and information Science	-
82.	Ms. Jaspreet Kaur	Assistant Professor	School of Language Literature & Culture Studies	Centre for German Studies
83.	Dr. Manu Sharma	Assistant Professor	School of Nano Science	-
84.	Dr. Panchami Prabhakaran	Assistant Professor	School of Chemical Science	Centre for Applied in Chemistry
85.	Shri Prashant Kaushik	Assistant Professor	School of Language Literature & Culture Studies	Centre for Chinese Studies
86.	Ms Eva Loreng	Assistant Professor	School of International Studies	Centre for International Politics
87.	Dr. Anju Pappachan	Assistant Professor	School of Life Science	-
88.	Shri Thangam K Singh	Assistant Professor	School of National Security Studies	Centre for Security Studies
89.	Dr. Vijaya Lakshmi Yanduri	Assistant Professor	School of Education	-
90.	Dr. Shankar Lal Bika	Assistant Professor	School of Education	-

91.	Dr. Shamim Aara Hussain	Assistant Professor	School of Education	-
92.	Dr. Shilpa Sandipkumar Popat	Assistant Professor	School of Education	-
93.	Dr. Pratibhaben G. Trivedi	Assistant Professor	School of Language Literature & Culture Studies	Centre for Gujarati Language & Literature
94.	Dr. Deepak B. Bhatt	Assistant Professor	School of Language Literature & Culture Studies	Centre for Gujarati Language & Literature
95.	Ms. Sangitaben B. Chaudhari	Assistant Professor	School of Language Literature & Culture Studies	Centre for Gujarati Language & Literature
96.	Dr. Baldev C. Prajapati	Assistant Professor	School of Language Literature & Culture Studies	Centre for Gujarati Language & Literature
97.	Dr. Shrish Kumar Tiwari	Assistant Professor	School of National Security Studies	Centre for Studies in Strategic Technologies

List of Non-Teaching

Sr. No.	Name of Employee	Designation	Department
1	Dr. Satya Prakash Upadhyay	Registrar	
2	Shri Jayprakash Maheshkumar Soni	Deputy Registrar	Administration & Establishment Department
3	Dr. Hemang A Desai	Deputy Registrar	Academic & Authorities Section
4	Dr. Kotrayya Basayya Agadi	Assistant Librarian	Library
5	Shri Mukesh Ashirvadbhai Parmar	Assistant Registrar	Academic & Authorities Section
6	Shri Tarun Kumar Soni	Assistant Registrar	Administration & Establishment Department
7	Shri Shamsher Singh	Assistant Registrar	Finance & Account Department
8	Shri Suresh Sharma	Section Officer	Hon'ble Vice Chancellor Office
9	Shri Sanjay Sah	Section Officer	Administration & Establishment Department
10	Shri Hariram Chandru Jaspal	Security Officer	Security Section
11	Shri Udit A. Shah	Junior Engineer (Civil)	Internal Works Department
12	Shri. Himanshu Devjibhai Rawat	Senior Technical Assistant (laboratory)	Senior Technical Assistant (laboratory)
13	Shri Srikant Kumar	Senior Technical Assistant (Computer)	ICT Department
14	Shri Jayeshkumar Manorlal Parmar	Assistant	Administration & Establishment Department
15	Shri Mukesh Pratapji Chavda	Assistant	Admission & Evaluation Section
16	Ms. Rinal Baldevbhai Patel	Assistant	Academic & Authorities Section
17	Ms. Bela Laxmanbhai Cholavia	Assistant	Academic & Authorities Section
18	Shri Chandrakant Ashokrao Ingle	Library Attendant	Library Attendant
19	Shri Bharatkumar Babubhai Rathod	Laboratory Attendant	Laboratory Attendant

20	Shri Paresh Chimanlal Parekh	Driver	Driver
21	Shri Phool Singh Meena	Driver	Driver

Financial Status at a Glance

Status of Grant Received and Expenditure Incurred In R/O CUG For The F.Y. 2020-21

Rs. In Lakhs

S.no.	Particular	Recurring (31)	Salary (36)	Capital Assets (35)	Total
1	Budget Estimates approved by UGC	1418.47	2521.27	550.00	4489.74
2	Opening balance as on 01.04.2020	-367.08	-357.87	1,434.39	892.44*
3	Grant released	1418.47	2521.27	550.00	4489.74
4	Interest earned	-	-	82.83	82.83
5	Other Receipts	82.72	-	-	82.72
6	Total Fund Available	1051.39	2163.40	1814.87	5212.66
7	Expenditure	1394.29	1899.14	215.25	3508.68
8	Closing Balance as on 31.03.2021	-342.90	264.26	1599.62	1703.98

Memories 2020-21



Celebration of Independence Day 2020



Celebration of Science day



Vaccination camp at CUG



Republic day celebration



Signing of MOU



Ma Saraswati Pooja @ CUG



Azadi Ka Amrit Mahotsav



Welcom of Hon'ble Chancellor, CUG



Pre Convocation discussion at Mahatam Mandir

Third Convocation of CUG













All Gujarat VC meet at CUG



Round Table Discussion



Round Table Discussion



Round Table Discussion



Distribution of medicine during Covid-19

Annual Report Committee 2020-21

-: Co-ordinator :-

Prof. Sarita Agrawal
Dean, School of Social Sciences

-: Member :-

Dr. R. Hiranmai Yadav
Professor, School of Environment and Sustainable Development

Dr. G. R. Angadi
Associate Professor, School of Education

Dr. Pramod Kumar Tiwari,
Assistant Professor, School of Language Literature & Culture Studies

Dr. Gajendra Kumar Meena,
Assistant Professor, School of Language Literature & Culture Studies

Dr. Bhakti Gala,
Assistant Professor, School of Library & Information Science

Dr. Hitesh Kulhari,
Assistant Professor, School of Nano Science

Dr. Shrish K. Tiwari,
Assistant Professor, School of National Security Studies



ગુજરાત કેન્દ્રીય વિશ્વવિદ્યાલય
CENTRAL UNIVERSITY OF GUJARAT

ગુજરાત કેન્દ્રીય વિશ્વવિદ્યાલય

Central University of Gujarat

Sector-29 & 30, Gandhinagar, Gujarat, INDIA-382030

www.cug.ac.in