

2021-22 Annual Report



ગુજરાત કેન્દ્રીય વિશ્વવિદ્યાલય
CENTRAL UNIVERSITY OF GUJARAT

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Established by an Act of Parliament of India, No. 25 of 2000

www.cug.ac.in

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कुलगीत

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

इसी भूमि से राष्ट्रपिता ने विश्व शांति संदेश दिया
शरीरिक, 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, दयानंद 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



Droupadi Murmu
Hon'ble President of India





From Honourable Chancellor's Desk



As the Chancellor of the Central University of Gujarat, I feel happy that the university swiftly moved to online mode during the pandemic and performed all its teaching and examination activities online, sticking to the pre-scheduled academic calendar. It gives me satisfaction to note that the students and teachers are back on the campus now and are actively engaged in the pursuit of knowledge. During the pandemic and soon after, despite the constraints, the university moved significantly forward in various pursuits like increasing the intake of students, organizing seminars, workshops and conferences in online, blended and offline modes, timely organisation of examinations, and conducting quality research.

The university, compared to previous year, has many new milestones to its credit. The increase in number of admissions over the previous year has a great significance, given the fact that the University still operates from a temporary campus and has various infrastructural constraints. The University's new permanent campus which is being constructed at Vadodara, with its foundation stone laid by the Hon'ble Prime Minister, Shri Narendra Modi Ji on 18th June 2022, will have all infrastructural facilities such as classrooms, laboratories and other amenities compatible to global standards, which will be an ideal destination for more and more students from India and also from across the globe. Students, teachers and staff members in the University from almost all the states of India indicate that the ambiance truly represents a symbol of unity in diversity.

I am happy to note that the university has been in the forefront in the implementation of NEP-2020. As per the mandate of NEP-2020 and conforming to the Indian vision of education, for holistic development of the students, from the academic year 2021-22, the university is offering 2 credit per semester compulsory course for its all UG/PG students. Teaching of these courses, which include Glory of Indian Culture, Indian Knowledge Systems, Ethics, Human Values, Life Skills, Organic Living, Personality Development, Soft Skills, Yogic Practices, etc., will ensure all-round development of the students. The University has also offered 21 multidisciplinary courses which can be taken as minor electives from students of entirely different disciplines. In line with the policies of NEP-2020, University has also started the process of academic bank of credit and is promoting online education on SWAYAM portal.

In its venture to promote Gujarati language and culture, the university has appropriately offered a certificate course in Gujarati language which has been very popular in students, teachers and administrative staff. In addition, a remedial coaching cell, set up by the university, successfully prepares the students for various competitive exams. Through its placement cell, the university has helped its many students in securing good jobs in industries and other sectors.

I am sure that the University will continue to excel in its academic endeavours through innovation, entrepreneurship and social responsibility and will bring more rewarding and impressive accomplishments in future years.

I extend my best wishes to all Stakeholders of the University.

Dr. Hasmukh Adhia
Chancellor





From Honourable Vice Chancellor's Desk



स्वस्तिप्रजाभ्यः परिपालयन्तां न्यायेन मार्गेण महीं महीशाः।
गोब्राह्मणेभ्यः शुभमस्तु नित्यं लोकाः समस्ताः सुखिनो भवन्तु॥

May the well-being of all people be protected by the powerful and mighty leaders with law and justice.

May success be with all divinity and scholars, May all (samastāḥ) the world (lokāḥ) become (bhavantu) happy (sukhino).

My journey as the Vice Chancellor at Central University of Gujarat has been blessed by my elders and the Almighty and I dedicate to them the developments, achievements, and advancements in various fields the University has achieved over the past one year. It has been a privilege to be in this position especially when India is celebrating the momentous occasion of Azadi ka Amrit Mahotsav when India not only celebrates its past achievements but also is verged on the cusp of a new dawn of immense possibilities. It is especially gratifying to be a part of this promising movement along with various Indian sectors and more importantly with the potentialities of the youth of India. I am proud that University is a part and parcel of these national efforts since it receives students from various states of India and is, therefore, a microcosmic representation of India. I always feel extremely privileged to have a great human being and a coveted administrator Dr. Hasmukh Adhiaji, as our Hon'ble Chancellor, who has relentlessly guided me to shape my endeavours.

During the academic year 2021-22, the University gradually recovered from the pandemic and started to function with its full capacities with energised students who are the future leaders, scientists and social workers carrying the potential to mould the global community through basic human values. The classes commenced with blended mode of teaching and shifted to offline providing more opportunity to the students to learn in the physical mode with practical knowledge and opportunity to build a better bonding among themselves.

The University organised various programs in online, blended, and offline modes for faculty, students and the non-teaching community. Many programs under the aegis of the Ministry of Education, Ministry of Women and Child Development and various other bodies were successfully organised by the University and the reports were submitted. The programs dealt with various topics like education, gender awareness, yoga and human welfare.

The academic year 2021-22 also witnessed a unique initiative taken by the University in implementing National Education Policy – 2020. Compulsory 2 credit holistic education courses and many multidisciplinary courses were introduced. These courses were designed considering the learners as the focal point embedding glory of Indian culture, ethics, human values, environmental education, etc.

For fulfilling the vision of NEP-2020, the University organized various educational events. The IQAC of the University in association with PMMMNMTT and Bharatiya Shikshan Mandal

organised a round table discussion on 'Making of New India: Prospects and Perspectives on Implementation of New Education policy Implementation – 2020' on 07th January 2021. The School of Social Sciences organized a national webinar on 'The Idea of University and National Education Policy 2022'. I am happy to note that many such events were organized to bring awareness about NEP-2020 and to implement it successfully.

The various programmes organised under Ek Bharat Shrestha Bharat, National Service Scheme, Unnat Bharat Abhiyan, Village and School Adoption program and Swachh Bharat Abhiyan had the sole aim of connecting the administrative and educational India to rural India. The laurels that have been brought to the University through the combined efforts of the administration and the academic fraternity are highly appreciable.

The University sustains itself through its academic glory and the practices of dissemination within a larger global research community. I am extremely happy that the University has treaded in the right direction through its publications in terms of books with reputed publishers, articles in high impact factor journals, in addition to publications in magazines, book chapters, etc. The number and quality of publications reflect the efforts of the University in progressing towards high academic quality through research and yet, at the same time, balancing it with societal welfare.

I am very happy to note that the University has significantly contributed in mapping a career path for students. Various workshops and talks were organized from time to time to help the students understand various career options available to them. I am happier to note that many students got their dream jobs while a few others have started their own businesses. It's a matter of pride that a large number of students have also been enrolled for further higher education and research programmes in reputed academic institutions.

I congratulate the University fraternity for their achievements and hope that they continue with renewed vigour on this path to make this University one of the top-ranked institutions in future.

Prof. Rama Shanker Dubey
Vice Chancellor



From the Registrar's desk



Annual report represents the collective aspirations and efforts of the administration, faculties, staff and students of Central University of Gujarat. The contribution of all the stakeholders accomplishes the vision of the university. The university has a visionary mission to contribute in multidimensional growth and development and holistic development of the students. I have the faith that the inspiring students, under the guidance of dedicated faculties and a far-sighted leadership of the top administration would lead this University to a coveted and recognized position in the galaxy of higher education in the country.

The university is committed towards achieving the excellence in all the facet of the development by organizing various academic events, sports and cultural events, and curricular and extracurricular activities. The University has taken a great initiative in the field of higher education and actively participated in implementing National Education Policy, 2020.

I wish more success and brilliance to reach greater heights in the days ahead.

Prof. H.B. Patel
Registrar(I/C)



C O N T E N T S

Particulates	Pg. No.
University Kulgeet	
Messages	
From Honourable Chancellor's Desk	
From Honourable Vice Chancellor's Desk	
From the Registrar's desk	
Table of Contents	
About Central University of Gujarat	1
University Facilities	6
Central Library	11
University Bodies- Court	20
Executive Council	22
Academic Council	24
Deans and Chairpersons/Coordinators	28
Academics and Authority	30
Administration	32
Committees of the University	34
Finance and Accounts	49
Highlights 2021-22	63
Glimpses of Campus Development	66
Schools and Centres	87
School of Applied Material Sciences	89
School of Chemical Sciences	93
School of Education	101
School of Environment and Sustainable Development	109
School of International Studies	120

Particulates	Pg. No.
Centre for International Politics	120
School of Language, Literature and Culture Studies	127
Centre for Chinese Language and Culture	127
Centre for Comparative Literature and Translation Studies	130
Centre for English Studies	132
Centre for German Studies	134
Centre for Gujarati Language and Literature	135
Centre for Hindi Language and Literature	142
Centre for Sindhi Language and Literature	147
School of Library and Information Science	149
School of Life Sciences	156
School of Nano Sciences	161
School of National Security Studies	169
Centre for Security studies	170
School of Social Sciences	179
Centre for Studies in Economics and Planning	179
Centre for Gandhian Thought and Peace Studies	185
Centre for Studies in Science, Technology and Innovation Policy	190
Centre for Studies in Social Management	196
Special Centre	
Centre for Diaspora Studies	202
ANNEXURES	213
MEMORIES 2021-22	235

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 catering 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:

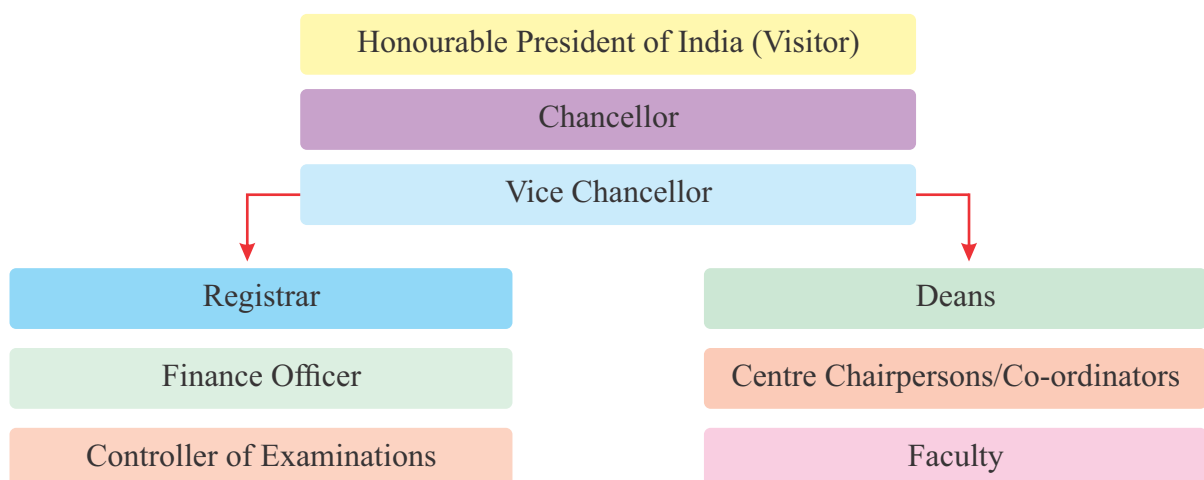
- To encourage and support proposal submissions in various subjects.
- To simplify procedures related to sanctions/purchases made by the investigators.
- To ensure sharing of overhead charges between the university and schools/centres to further support research initiative by researchers.
- To ensure 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.

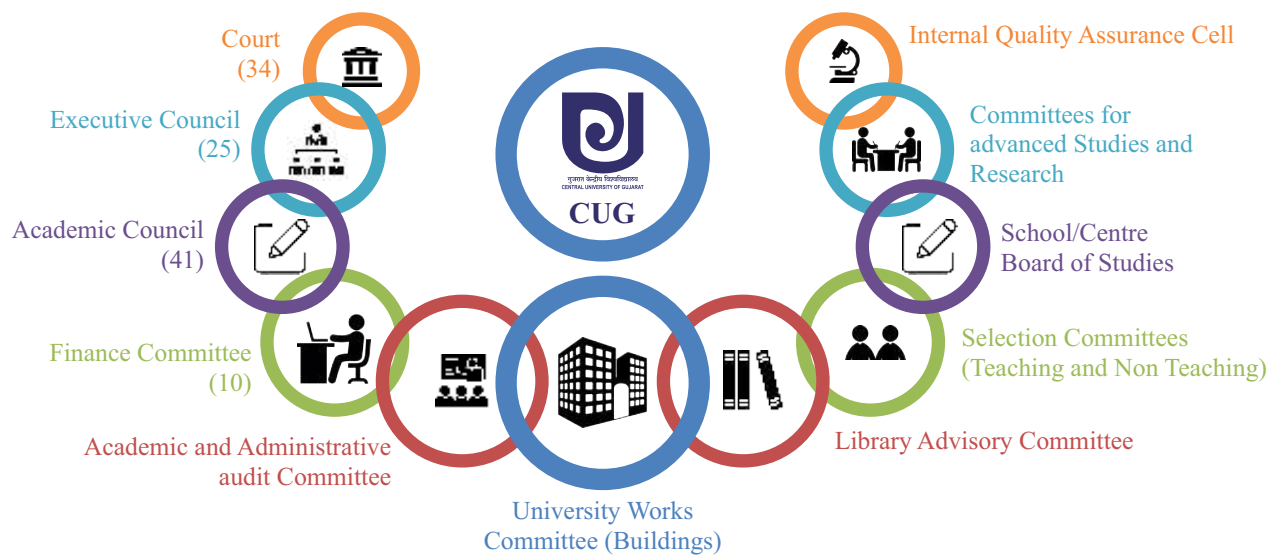
Extension Activities

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 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 practical 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
- Schools of Language, Literature & Culture Studies
- School of Social Sciences
- School of International Studies

- School of Library and Information Science
- School of Education,
- Reading Room & Ladies Room
- Faculty Blocks
- Academic & Administrative Block
- Seminar Halls
- Virtual Learning Resource Centre
- Language Laboratory
- Cafeteria
- Gymnasium
- Branch of Canara Bank & ATM

Sector 30 Campus:

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

- Schools of Life Sciences
- Schools of Chemical Sciences
- Schools of Nano Sciences
- Schools 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.

Sr. No.	Instrument	Application
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.

Sr. No.	Instrument	Application
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

About the Central Library

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 Sector-29 and Sector-30 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 programs. The current year library has procured Print Books, eBooks, and Subscribed e-journals. Prominent among them are subscribed through e-ShodSindhu: Consortium for Higher Education Electronic Resources.

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-checkout facility for circulation section. The library saves the time for readers.

Central Library Portal and Library Blog is being strengthened to facilitate access to CUG 29 and 30. All the publishers with whom the library has been subscribing the resources are communicating with a set of IP addresses so that IP authenticated resource access can be activated. This provides instant access to resources, without needing to put usernames and passwords for users on the CUG campus. Central Library also provides off-campus access through Remote access software of e-journals and databases.

1. Governance Structure

1. Library Advisory Committee

01	Hon'ble Vice Chancellor	Chairman
02	All Deans of Schools	Member
03	Chairpersons of the Independent Centre(s)	Member

04	Prof. Dinesh Kumar, Professor, SCS	Member
05	Prof. Rajesh Makwana, Professor, CGLL, SLL&CS	Member
06	Dr. Tulika Tripathi, Assistant Professor, CSEP, SSS	Member
07	Dr. Shrish Kumar Tiwari, Assistant Professor, CST, SNSS	Member
08	Dr. Arun Vishvanathan, Associate Professor, CSS, SNSS	Member
09	Deputy Registrar, (Academics)	Member
10	Registrar	Ex-Officio Member
11	Controller of Examination	Ex-Officio Member
12	Finance Officer	Ex-Officio Member
13	Professor (I/c), Library	Ex-Officio Member

1. Library Books/E Journals Purchase Committee

Chairman: Prof. Bhawna Pathak

Finance Officer: Prof. Sanjay Kumar Jha

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

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

Secretary: Dr. K. B. Agadi

1. Acquisitions of Books, e-books, e-journals, databases (2021-2022)

Print books, e books, e journals and databases has been purchased and subscribed based on the recommendation of faculty through Chairpersons/Deans from Center/Schools. Library has also subscribed popular magazines and various journals as per recommendations.

i. Databases & Software (2021-22)

Sr. No.	Resources	
01	E-Databases	CMIE Database Prowess EPWRF
02	Anti-Plagiarism Software	Turnitin

i. Renewal of E-Journals (2021-22)

Sr. No	Subject	No. of Titles	Journals
1.	Chemical Science, Applied Chemistry	49	RSC journals ess
2	School of National Security Studies	02	Oxford Research Encyclopedia on Politics & International Studies
3	Social Science Schools/ Humanities	730	ProjectMuse ess
4	All Schools	1076	Taylor & Francis ess Collection
5	All Schools	908	Willey ess
	Total	2765	

i. E –Books (2021-2022)

Sr. No.	Subject	No. of Titles	Publisher Name
1	Library & Information Science	76	ALA eBooks
2	Chemical Science, Applied Chemistry	1750	RSC eBooks
3	IR	72	OUP- International Relations collection eBooks
4	Language & Literature, Diaspora Studies	154	Sage eBooks
5	SESD, Nano Science, Life Science, Chemical Science	116	Elsevier Books
6	Social Science, English	62	Orient Black Swan
7	Material Science	295	Springer Nature E-Books
8	SESD, Library Science, Social Science	441	Cambridge University Press
9	Centre for English Studies	470	Oxford University Press
10	German Language Library Science National Security Studies Nano Science	115	Taylor & Francies
11	SESD, Nano Technology, Life Science	22	Willey

1.Activities: Central Library

Sr. No.	Name of Event	Date
01	Lecture Series on Research Communication, by Dr. Shantanu Ganguly, Chief Librarian, AIIMS, New Delhi.	15-06-2021
02	How to make Effective Search on the Internet by Dr. Shyam Prasad Pujar, Chief Librarian, IGIDR, Mumbai.	19-06-2021
03	Relevance of Dr. S.R. Ranganathan in the information Literacy, by Prof. Ajay Pratap Singh, Director General of Raja Rammohun Roy Library Foundation.	12-08-2021

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

Government medical facility is available adjacent to the University Campus where the students can avail of medical help during medical hours. In addition, the Government Civil Hospital is located near the University. The University also has medical consultants whose services are available to students on subsidized rates. The students are also covered under accident insurance policy of the University.

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.

About CUG Alumni Cell

The University has established Central University of Gujarat Alumni Association (CUGAA) vide notification no 46/2016-17 dated August 9 2016. CUGAA has been set up to develop strong and enduring relation with the alumni of the University which will promote interaction among alumni and provide valuable social and professional outcome.

Further, CUG Alumni Cell was established on July 1 2020 with the aim to build an active and engaged alumni network worldwide to nurture associations and create a vibrant culture of exchange and interactions. 124 Alumni had registered themselves as Alumni of CUG.

Functions of CUG Alumni Cell

- To constitute a strong support to the University through the achievements of Alumni in scholarship, innovation and excellence in different walks of life.
- To provide 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.

- To provide an opportunity to all the registered members to implement programs that promotes the interests of the University and its alumni.

Activities of CUG Alumni Cell

- Nodal Officers were nominated by the respective School Dean's to the Alumni Cell on May 12 2021 where an online meeting was held with Honorable Vice Chancellor Prof Rama Shanker Dubey and Registrar to discuss planning and coordination of Alumni in the context of NAAC, membership drive towards registration of Alumni and facilitation of Alumni contributions.
- Started the process of preparing CUG Alumni ID Card for the **61 alumni** who have paid the complete fees.
- A talk “Role of Alumni in Higher Education” had been held by the Alumni Cell at the University level on 26th June 2021 by Professor R K Kale, founding Vice Chancellor, Central University of Gujarat.

Activities conducted by various schools

a) School Of Social Sciences

A talk was organised by School of Social Sciences Alumni on July 31 2021. Dr. Kruti Patel (Social Entrepreneur Founder, She & We Foundation) spoke on “Entrepreneurship as a career option – Post Covid.” Mr. Ankit Dave (Associate Vice President, GUSEC) spoke on “Developing start up Ecosystem – University Interface for students”.

b) Centre For Diaspora Studies

- A talk had been held by Centre for Diaspora Studies on “Sir Anreood Jugnauth – A legend of Indian Diaspora” on September 25 2021.

c) School Of Environment and Sustainable Development (SESD)

- A 5 day workshop on Multidisciplinary Approaches of Environmental Sciences was conducted from 27th to 31st July 2021 by School of Environment and Sustainable Development (SESD)

d) School Of Life Sciences (SLS)

- Online meeting with SLS alumni representatives was conducted on May 27 2021.
- An online reunion of the M.Sc. batch of 2014-2016 was held on June 10 2021 by School of Life Sciences.

e) School Of Library and Information Sciences (SLIS)

- The first webinar was conducted on 12th June 2021 (Saturday), at 4.00 p.m. on the topic 'Research Opportunities for LIS students and professionals.' The resource persons were Dr Aditya Tripathi, Professor, Department of Library & Information Science, at Banaras Hindu University, Varanasi, and Dr Manorama Tripathi, Chief Librarian, at Central Library, Jawaharlal Nehru University, New Delhi. The participants were the SLIS Alumni, SLIS current students and the SLIS Faculty.
- SWOC Analysis of SLIS was conducted by the Alumni in the month of July 2021
- Library Posters were collected by the Alumni Students for SLIS in the month of August 2021.
- School of Library and Information Science observed International Day of Universal Access to Information – Right to know which is observed on 27th September every year. Due to some

unexpected circumstances, the school observed it on 5th October 2021 through a webinar which was also attended by Alumni.

- School of Library and Information Science observed Open Access Week and as a part of the celebrations spread across three days namely 25th, 26th and 27th October 2021, inauguration of the Open Access website by the Dean-in-charge, Prof Atanu Mohapatra, two awareness talks by our research scholars, namely Mr Sagender Singh Parmar on the topic 'Open Education Resources: The Spectrum of Open Access' and another by Ms Amreen Taj on the topic "Open Access Publishing and Accessibility" were organized. An online quiz on the topic of Open Access Movement for the current students was conducted and a Poster Designing competition were organized for the students and the alumni of the school. Many alumni students attended the inaugural and valedictory sessions and interacted with both the speakers and one alumni also presented his poster too on the theme of Open Access.
- School of Library and Information Science, Central University of Gujarat, Gandhinagar organized Analects@ SLIS, a special lecture series from 15th to 20th November 2021 as a part of observation of National Library Week 2021. The current students, the alumni, and the faculty of SLIS participated in the event.
- For the month of December 2021, the SLIS alumni activity was titled 'Carpe Diem' and aimed at collecting the alumni's suggestions regarding an inspiring book or an article or a blog piece that might have made an impact on them and made them feel 'Now is the moment, I need to make the most of it, if I must succeed'...
- The webinar titled 'Assignments & Beyond' conducted on January 2, 2022 at 5.00 p.m. on Google Meet was an effort to connect the SLIS alumni students and the present students as well as new entrants to understand the resources for their scholastic assignments.

The Remedial Coaching Cell

The Remedial Coaching Cell, Central University of Gujarat has been conducting the classes, tutorials on different aspects/subjects such as reasoning, methodology, general knowledge, Personality development, counseling, stress management, mathematical ability, aptitude, viva-voce and one- to-one interaction. Besides these, the Cell also had organized the UGC-NET-JRF/CSIR Coaching classes. The Resource Persons/experts are invited from and within the University and from the different institutions from Gujarat state and other states of India. The special classes are organised to improve the language and communication skills. As a result, the students who have attended the classes have been benefited significantly joined as employees in several government and private jobs. There are students joined as lecturers in degree colleges, Assistant professors in universities and many students even joined for their higher studies in the other established universities in India. Besides, a good number of students cleared their UGC-JRF and NET in the Entrance Test conducted by the UGC, New Delhi. There are students also joined as teachers in the schools. The Cell also has organized the interaction-cum- personality development with the Prof. Prof. Rama Shankar Dubey, Vice- Chancellor, Central University of Gujarat, Gandhinagar.

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. The university also has a dedicated web page for students and the recruiters. The cell organises training workshops and talks by leading professionals in the industry.

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 hospitalisation
- 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

Structure of the Court	Name of Persons nominated/appointed
Chancellor - Chairman	Dr. Hasmukh Adhia
Vice Chancellor	Prof. Rama Shanker Dubey
Pro-Vice Chancellor	Vacant
Registrar	Member Secretary
Finance Officer	Prof. Sanjay Kumar Jha
Controller of Examinations	Prof. Sanjeev Kumar Dubey
University Librarian	Prof. Bhawana Pathak (For residual period upto (01.09.2022))
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"> Prof. Sanjay Kumar Jha, Dean, SNSS Prof. Manish, Dean, SIS (For residual period upto 01.09.2022) Prof. Bhawana Pathak, Dean, SESD (For residual period upto (01.09.2022))
Chairpersons of Centres (Other than Deans), by rotation on seniority – Three to be nominated by Vice Chancellor	<ol style="list-style-type: none"> Prof. Jayendra Kumar Amin, CSRE, SoE (For residual period upto 01.09.2022) Dr. Arun Vishwanathan, CSS, SNSS (For residual period upto 01.09.2022) Prof. Atanu Mohapatra, CDS (For residual period upto 01.09.2022)
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"> Prof. Man Singh, SCS (For residual period upto (01.09.2022)) Prof. R. Y. Hiranmai, SESD (For residual period upto (01.09.2022)) Prof. Pallavi Sharma, SESD (For residual period upto (01.09.2022))
Four persons representing learned professions – to be nominated by the Visitor	<ol style="list-style-type: none"> Prof. B. H. Jajoo, Former Dean, Visiting Professor, IIM Ahmedabad, Gujarat Prof. Sangeeta Shukla, Vice Chancellor, Jiwaji University, Gwalior, Madhya Pradesh Prof. Kailash Narain Tripathi, Former Vice Chancellor, Dr. Bhimrao Ambedkar University, Agra, Uttar Pradesh Prof. Arvind Kumar, Professor, Department of Commerce and Management, University of Lucknow, Uttar Pradesh

Structure of the Court	Name of Persons nominated/appointed
Four persons representing Industry, Labour, Commerce, Agriculture – to be nominated by the Visitor	<ol style="list-style-type: none"> Dr. Daksheshkumar R. Thakar Former Vice Chancellor Veer Narmad South Gujarat University Surat, Gujarat Dr. Harish Dhanubhai, Doctor, Professor and Head, Department of Mathematics, Veer Narmad South Gujarat University, Gujarat Dr. Pushpa Yashwant Gavit, Professor & HoD (Marathi Department), Vidyawardhini College of Science, Arts & Commerce, Maharashtra Dr. Prashant Yogi, Senior Veterinary Professional & National Convenor, Pashu Arogya Bharti, Maharashtra
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	Vacant
Representative of Students – Two to be elected by the Students' Council from among its members	Awaited
Representatives of the Non-Teaching employees – Two – to be elected by regular employees of the University, from amongst themselves	Awaited
Representatives of the Alumni Association – Two to be elected by the members of the Alumni Association from among themselves.	Awaited
One nominated member of Executive Council elected from among the nominated members.	Prof. Shailesh N. Zala , Former Vice Chancellor, Bhavnagar University, Gujarat (For residual period upto (01.09.2022)

Executive Council

Structure of the Executive Council	Name of the Persons nominated/appointed
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 Email:vcoffice.mgahv@gmail.com Contact: 8888142152
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	Group -I (1) Prof. Sanjeev Kumar Dubey, Dean, SLL&CS (upto 29.12.2024) (2) Prof. Jaya Prakash Pradhan, Dean, SSS (upto 29.12.2024) (3) Prof. Manish, Dean, School of International Studies (upto 03.03.2024) Group – II (1) Prof. Seema Rawat, Dean, SLS (upto 29.12.2024) (2) Prof. 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)

Structure of the Executive Council	Name of the Persons nominated/appointed
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	1. Dr. Vimal Ramaniklal Parmar, Principal, Shri K P Shah Law College, Jamnagar, Gujarat 2. Dr. Shailesh Naranbhai Zala, Former Vice Chancellor of 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	1. Prof. S. Srikrishna, Varanasi 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	(Ex-Officio Secretary)

Academic Council

	Structure of Academic Council	Name of Persons nominated/appointed
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. Dinesh Kumar, 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 Culture Studies 4. Prof. Jaya Prakash Pradhan, Dean, School of Social Sciences 5. Prof. Manish, Dean, School of International Studies 6. Prof. H. B. Patel, Dean, School of Education 7. Prof. Pallavi Sharma, Dean (I/c.), 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

	Structure of Academic Council	Name of Persons nominated/appointed
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 3. Prof. Atanu Bhattacharya, Chairperson, Centre for English Studies 4. Prof. J. P. Pradhan, Chairperson, Centre for Studies in Economics and Planning 5. Prof. Manish, Chairperson, Centre for International Politics 6. Prof. Rajesh Makwana, Chairperson, Centre for Gujarati Language and Literature 7. Prof. Prakash C. Jha, Chairperson, Centre for Applied Chemistry, SAMS 8. Prof. Atanu Mohapatra, Chairperson, Centre for Diaspora Studies, Independent Centre 9. Dr. Arun Vishwanathan, Chairperson, Centre for Security Studies, SNSS 10. Prof. Jayendra Kumar Amin, 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 & Culture Studies 3. Prof. Atanu Bhattacharya, School of Language, Literature & Culture Studies 4. Prof. Manish, School of International Studies 5. Prof. R. Y. Hiranmai Yadav, School of Environment and Sustainable Development 6. Prof. Dinesh Kumar, School of Chemical Sciences

	Structure of Academic Council	Name of Persons nominated/appointed
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. Prof. Jayendrakumar Amin, School of Education 3. Prof. 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 Benerjee
xii.	One Provost by rotation according to seniority	Prof. Seema Rawat
xiii.	One Warden by rotation according to seniority	Dr. Kunal Sinha

	Structure of Academic Council	Name of Persons nominated/appointed
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"> Prof. Vishwambhar Nath Mishra, Professor and Head Department of Electronics Engineering Indian Institute of Technology Banaras Hindu University, Varanasi Mr. Satish Jacob Senior Journalist, New Delhi Dr. Om Prakash Pandey Former Scientific Advisor to Prime Minister, New Delhi 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.	<p>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:</p> <ol style="list-style-type: none"> Faculty positions, recruitment, conditions of service and academic freedom; Actual processes of evaluating academic performance and merit of students. 	<ol style="list-style-type: none"> Mr. Kartikey Dhar Dwivedi, School of Applied Material Sciences Mr. Divyanshu Yadav, Center for Diaspora Studies

	Structure of Academic Council	Name of Persons nominated/appointed
xvii.	The following representatives: 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,	<ol style="list-style-type: none"> 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	Ex-Officio Secretar

Deans of Schools

Sr. No.	Schools	Name
1	School of Chemical Sciences	Prof. Dinesh Kumar
2	School of Social Sciences	Prof. Jay Prakash Pradhan
3	School of International Studies	Prof. Manish
4	School of National Security Studies	Prof. Sanjay Kumar Jha
5	School of Environment and Sustainable Development	Prof. R. Y. Hiranmai
6	School of Applied Material Sciences	Prof. Prakash C. Jha
7	School of Life Sciences	Prof. Seema Rawat
8	School of Language Literature & Cultural Studies	Prof. Sanjeev Kumar Dubey
9	School of Library and Information Sciences	Prof. Atanu Mohapatra, Dean (I/c)
10	School of Nano Sciences	Prof. Pallavi Sharma, Dean (I/c)
11	School of Education	Prof. H. B. Patel

Chairpersons of the Centres of Schools of the University

Sr. No.	Centre	Schools	Chairpersons
1	Centre for Studies and Research in Education	SoE	Prof. Jayendrakumar N. Amin
2	Centre for International Politics	SIS	Prof. Manish
3	Centre for Securities Studies	SNSS	Prof. Sanjay Kumar Jha
4	Centre for Diaspora Studies	-	Prof. Atanu Mohapatra
5	Centre for Comparative Literature and Translation Studies	SLL&CS	Prof. Balaji Ranganathan
6	Centre for Applied Chemistry	SAMS	Prof. Prakash C. Jha
7	Centre for Gujarati Language and Literature	SLL&CS	Prof. Rajeshkumar Jethalal Makwana
8	Centre for Studies in Economics and Planning	SSS	Prof. Jaya Prakash Pradhan
9	Centre for English Studies	SLL&CS	Prof. Atanu Bhattacharya
10	Centre for Hindi Studies	SLL&CS	Prof. Sanjeev Kumar Dubey
11	Centre for Studies in Society and Development	SSS	Prof. Tapas Kumar Dalapati

Coordinators of the Centres of Schools of the University

Sr. No.	Centre	Schools	Co-ordinators
1	Centre for Library and Information Sciences	SLIS	Dr. Minaxi Parmar
2	Centre for Studies in Science, Technology and Innovation Policy	SSS	Dr. Parvati K Iyer
3	Centre for Gandhian Thought and Peace Studies		Dr. Priya Ranjan Kumar
4	Centre for Studies in Social Management		Dr. Sony Kunjappan
5	M.A. Social Work Programme Co-ordinator		Dr. Sony Kunjappan
6	Centre for Chinese Studies	SLL&CS	Shri Swami Kundan Kishore
7	Centre for German Studies		Ms. Jaspreet Kaur Layal
8	Centre for Maritime Security Studies	SNSS	Dr. Manasi Singh
9	Centre for Studies in Strategic Technologies (Cyber and Space)		Dr. Shrish Kumar Tiwari

Academics and Authorities

About the Department

The Academics, Authorities and Coordination 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 Govt. of India for issues of getting approval and sending reports to them from time to time.

Functions of Academics, Authorities and Coordination Department

- Formulation and implementation of academic policies in accordance with UGC and MHRD 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 Govt. of India for seeking of approval 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

- All work related to Academic Council of the University.
- All work related to Executive Council of the University.
- All work related to University Court of the University.
- All work related to Deans meeting.
- An initiative taken by the University on implementation of NEP 2020 such as compulsory course(s) on Holistic Education, introducing 29 Elective Courses of two credit each for Multi-disciplinary education, allowing credit transfer for SWAYAM/MOOCs Programmes, uploading students' awards in the National Academic Depository, Curriculum revision for Internship/Apprenticeship component & implementation of Learning Outcome Based Curriculum Framework (LOCF) syllabus for its UG and PG programmes, willingness to introduce Multiple Entry-Exist system through Academic Bank of Credit.
- Framing and implementing Academic Policies of the University (Statute, Ordinances, Rules, Regulations, etc.) through University Ordinance Committee as per UGC regulations and notify them in the official gazette of India.

- Processing approval related to Schools/Centres/Faculties for holding/attending Workshop, Seminar, Conferences, Industrial visit, field visit etc. within India and abroad.
- Processing appointment of Deans, Chairpersons, Coordinators, etc.
- Constitution of School Board, Centre Board, CASR, DAIP, IAIP, DSGRC, ISGRC etc. and different committees for academic purposes.
- Managing Academic MoUs of the university with different national and international institutions/hospitals.
- Processing the approval for revision of syllabus and notify them.
- Recognition of Research Supervisor and related matters.
- Permission for attending short term programs.
- Approval for inviting guest speakers, visiting faculties, etc.
- Upgradation of JRF to SRF.
- All approvals and correspondence related to Students and Student Discipline.
- Processing of Non-NET fellowship, and CSIR Fellowship on NewFms Portal.
- Processing of Post-doctoral fellowship (Dr. Ambedkar Post Doctoral) and doctoral fellowship (ICSSR & Dr. Ambedkar Doctoral)
- Processing of various UGC schemes (i.e NET JRF, NFOBC, Maulana Azad National Fellowship, Swami Vivekanand Single Girl Child Fellowship, National Fellowship for SC, National Fellowship for ST students) on the SFMP portal.
- Processing grievance matters related to students received from DSW, Proctor, Provost, Liaison Officers (SC/ST/OBC) and other departments/Cell such as ICC, EoC, DAIP, DSGRC, ISGRC, etc.
- Matters related to complaints from UGC, PG portal grievance, Parliament Questions etc.
- Co-ordination with University Health Centre for administrative requirements.
- Duties and Responsibilities related to Hospitality.
- Submission of information to UGC, MoE, different departments/cells of the university, etc.

Administration and Establishment Department

About the Department

The Administration and Establishment Department deal 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 for procurement of various Scientific Equipment. The Department is also involved in the conceptualization and implementation of infrastructure project at the permanent campus of the university at Kundhela.

Governance Structure

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



Functions

To provide administrative 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 items and Scientific Equipment for all the Schools and Centre.
- To maintain 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. Preparation of Reservation Rosters for PWD

Important Tenders

1. Tender for Engagement of agency for providing Man-Power Services.
2. Tender for Providing Security Services.
3. Tender for “Expression of Interest for Web based ERP/University Integrated Management System (UIMS)”.
4. Tender for Supply, Installation and Commissioning of Video Conferencing Solution.
5. Tender for Supply, Installation and Commissioning of Board Room Setup.
6. Tender for Supply, Installation and Commissioning of Studio Setup.
7. Tender for procurement of Inspection vehicle for New Campus.
8. Tender for Multimode Microplate Reader.
9. Tender for Bench-Top Freeze Dryer System.
10. Tender for UV - VISIBLE Spectrophotometer.
11. Tender for Refrigerated Centrifuge.
12. Tender for Gel Documentation System.
13. Tender for CO analyser (NDIR).
14. Tender for Rotary Evaporator.
15. Tender for Immersion Cooler.
16. Tender for Inverted Fluorescence Microscope.
17. Tender for Workstation.
18. Tender for PCR Machine.
19. Tender for Bio-safety Cabinet.
20. Tender for Single Integrated System for Pure & Ultrapure Water Purification System.
21. Tender for Bench-Top Freeze Dryer System.
22. Tender for PCR Machine.
23. Request for Proposal (RFP) for Phase-I (Package – II) Permanent Campus of CUG.

Important Committees

Constitution of Committee for preparation of Annual Report-2021-22.

By the direction of the Hon'ble Vice Chancellor, a Committee consisting of following members is constituted for preparation of Annual Report in Hindi & English of Central University of Gujarat for the year 2021-22:

Sr. No.	Name	Remarks
1.	Prof. Sarita Agrawal , CSEP, SSS	Chairperson
2.	Prof. R. Y. Hiranmai Yadav , SESD	Member
3.	Prof. G. R. Angadi , CSRE, SOE	Member
4.	Dr. Bipul Kumar , Associate Professor, CHLL, SLL&CS	Member
5.	Dr. Shilpa S Popat , Assistant Professor, SOE	Member
6.	Dr. Shrish Kumar Tiwari , Assistant Professor, CSTT, SNSS	Member
7.	Dr. Pramod Kumar Tiwari , Assistant Professor, CHLL, SLL&CS	Member
8.	Dr. Gajendra Kumar Meena , Assistant Professor, CHLL, SLL&CS	Member

The Committee may co-opt any member depending on requirement and the Committee is advised to adhere to the time schedule prescribed by MoE and submit its report by 15/06/2022.

Constitution of Student Disciplinary Committee

In terms of provision contained in Section 6(xiii) read with Statutes 28(1) and Ordinance No. 33 of Central University Act-2009, the Competent Authority has constituted a student Disciplinary Committee comprising of following members to look into the report submitted by Internal Complaints Committee related to the complaint of a female student:

Sr. No	Name	Remarks
1.	Prof. Manish, Dean , SIS, Vice-Chancellor 's Nominee	Chairman
2.	Prof. H.B. Patel , Dean of Student's Welfare	Member
3.	Prof. J. P Pradhan , Dean, SSS	Member
4.	Prof. Sanjeev Kumar Dubey , Dean, SLL&CS	Member
5.	Prof. Seema Rawat , Dean, SLS and Provost	Member
6.	Prof. Rajesh Makwana , Proctor	Member
7.	Shri. Mukesh Parmar , Assistant Registrar	Secretary

Terms of reference

- To enquire/investigate into complaint and report submitted by the ICC.
- To give fair chance of hearing to erring student(s).

The Disciplinary committee is requested to submit its reports alongwith the recommendation related to disciplinary actions to be taken within two weeks from date of issue of notification.

Constitution of Committee for Utilisation of grant received under EWS Category.

A committee is being constituted consisting of following members to frame guidelines for Utilisation of grant received from UGC under EWS Category as per rules:-.

Sr. No.	Name	Designation	Remarks
1.	Prof. Sanjay Kumar Jha	Professor	Chairman
2.	Prof. H.B. Patel	Professor	Member
3.	Prof. Sanjeev Kumar Dubey	Professor	Member
4.	Dr. Satya Prakash Upadhyay	Registrar	Member
5.	Shri Mukesh Parmar	Assistant Registrar	Member Secretary

Constitution of Committee for empanelment of vendors for Annual Rate Contract (ARC) for Chemicals, Laboratory, Glassware, Laboratory Plastic Wares with Filter/Filter Papers, Minor Equipment and Miscellaneous Items.

Hon'ble Vice-Chancellor has constituted a committee for suggesting terms and conditions and guidelines for further procurement of chemicals, Laboratory, Glassware, Laboratory Plastic Wares with Filter/Filter Papers, Minor Equipment and Miscellaneous Items through Annual Rate of Contract (ARC)

Sr. No.	Name & Designation	Remarks
1	Prof. Man Singh, SCS	Chairperson
2	Prof. Bhawana Pathak, Dean, SESD	Member
3	Prof. Dinesh Kumar, Dean, SCS	Member
4	Prof. Seema Rawat, Dean, SLS	Member
5	Prof. Prakash Jha, Dean, SAMS	Member
6	Prof. Pallavi Sharma, Dean (I/c), SNS	Member
7	Shri D.V Rao, IAO (Consultant)	Member
8	Shri Jayprakash M. Soni, Deputy Registrar (Admin.)	Member
9	Shri Shamsher Singh, AR(I/c) (F&A)	Secretary

Further, the Committee is required to prepare tender for empanelment of vendors and finalize the ARC by taking into consideration the requirement of all the Schools/Centres and CIF.

Constitution of Canteen Committee

Competent Authority has constituted a Canteen Committee consisting of the following members with immediate effect till further orders:

Sr. No.	Name	Designation	Remarks
1.	Prof. H.B. Patel	Dean of Student Welfare	Chairperson
2.	Prof. Rajesh Makwana	Chairperson, CGLL, SLL&CS	Member
	Dr. Tulika Tripathi	Asst. Prof, School of Social Sciences	Member
	Dr. Shrish Kumar Tiwari	Asst. Prof, School of National Security studies	Member
3.	Prof. R.Y. Hiranmai	Professor, School of Environment Sustainable Development.	Member
	Dr. Eeshwaraiah Begari	Asst. Prof, School of Applied Material Science	Member
	Dr. Rajesh Singh	Asst. Prof, School of Environment Sustainable Development	Member
4.	Shri Pawan Pathak	Executive Engineer	Member
	Dr. Minakshi Parmar	Dy. DSW	Member Secretary
5.	Shri Varun Pratap Singh	Convener Student Council	Member

The function of the committee will be to monitor the functioning of the canteen as per the terms and conditions.

Constitution of committee to review the working hours/opening hours of the library

A committee is hereby constituted to review the working hours/opening hours of the library. The committee will discuss with different stake holders of the library for its opening hours and utility and will submit its recommendations to the undersigned at the earliest:

Sr. No.	Name & Designation	Remarks
1	Prof. Bhawana Pathak, Dean, SESD	Chairperson
2	Prof. H.B. Patel, DSW	Member
3	Prof. Jaya Prakash Pradhan, Dean, SSS	Member
4	Dr. Zakia Firdaus, Asst. Prof, SLL&CS	Member
5	Dr. Dhananjay Rai, Asst. Prof, SSS	Member

Constitution of Committee to prepare Request for Proposal (RFP) for Hiring of Architectural Consultancy Services for Permanent Campus.

The Competent Authority has constituted a committee of the following members to prepare Request for Proposal (RFP), Scrutiny of Applications for Hiring of Architectural Consultancy Services for preparation of Master Plan and comprehensive Drawing of Architectural Design for Permanent Campus of CUG at Vill. Kundhela, Tal. Dabhoi, Dist. Vadodara. Phase- I (Package-II), (Residential, Students Hostels, Guest House and Few Development works).

Sr. No.	Name & Designation	Remarks
1	Shri Vishal Vyas , Chief Architect, Government of Gujarat.	Chairperson
2	Prof. Preeti Shah , Principal, SMAID, New Vidyanagar, Anand.	Member
3	Prof. (Dr.) U D Patel , Professor & Head, Department of Civil Engineering, Faculty of Technology and Engineering, The M. S. University of Baroda.	Member
4	Shri D V Rao , Consultant IAO.	Member
5	Shri S Sammugathan , Consultant Engineer (Civil).	Member
6	Shri Jayprakash M Soni , Deputy Registrar.	Member
7	Shri Tarun K Soni , Assistant Registrar.	Member
8.	Ms. Mohini Rehpede , Architect, CPWD Mumbai	Member
9.	Shri Pawan Pathak , Executive Engineer	Member Secretary

Constitution of Committee for procurement through GeM.

Hon'ble Vice Chancellor has constituted a committee consisting of following member to verify Price Reasonability, Quality of product and if needed may initiate reverse auction & other tools available for procurement of items through GeM for a period of six months w.e.f. September 30, 2021:

1.	Shri Jayprakash M. Soni , Deputy Registrar (Admin) - Member
2.	Dr. Rajesh Singh , Assistant Professor, SESD - Member
3.	Shri Tarun Kumar Soni , Assistant Registrar (Admin) - Member
4.	Shri Shamsher Singh , Assistant Registrar (F&A Department) - Member
5.	Shri. D. V. Rao , IAO (On Contract) – Member
6.	6. One member from user Departments/ School/Centre/Section

The above-mentioned members are requested to follow GFR-2017 and University Rules for purchase and procurement.

Constitution of Technical Committee for evaluation of technical specification of scientific equipment.

Hon'ble Vice Chancellor has constituted a Technical Committee consisting of following members for a period of six months w.e.f. 30/09/2021.

1. Prof. Man Singh, SCS - Chairman
2. Prof. Seema Rawat, Dean, SLS – Member
3. Prof. Bhawana Pathak, Dean, SESD - Member
4. Prof. Dinesh Kumar, Dean, SCS - Member
5. Prof. Pallavi Sharma, Dean, SNS - Member

The Technical Committee will evaluate the technical specification for all procurement more than Rs. 2.5 Lakhs related to scientific equipment and the Committee will give recommendation to the University Purchase Committee for opening of Financial Bid along with its minutes & comparative statement.

The User Department may coordinate with the technical committee for smooth functioning of purchase procedure of scientific equipment.

The Committee will follow GFR 2017, MHRD, UGC and University Rules in this regard.

Constitution of University Purchase Committee.

To streamline the purchase requirements of Schools, Centers and other Departments, a University Purchase Committee consisting of following members has been constituted by the order of Hon'ble Vice Chancellor. The Committee has been constituted for a period of Six months w.e.f. 30/09/2021.

1. Prof. Sanjay Kumar Jha, Dean, SNSS - Chairperson
2. Prof.(Dr.) H. B. Patel, Professor & Dean, SOE - Member
3. Prof. Atanu Mohapatra, Chairperson, CDS – Member
4. Dr. Satya Prakash Upadhyay, - Member
5. Shri. D. V. Rao, IAO (On Contract) - Member
6. Mr. Jayprakash M. Soni, Deputy Registrar (Admin) - Convener

The Committee will be responsible for purchase of items, services of more than Rs. 2,50,000/- (Two Lakh Fifty Thousand), beyond the limit of Local Purchase Committee. The Committee will initiate the process of purchase as per GFR-2017, University rules and guidelines issued by the order of competent authority from time to time. Relevant pages of GFR-2017 are enclosed herewith for reference.

Constitution of Local Purchase Committee for procurement of General items.

To streamline the purchase requirements of Schools, Centers and other Departments, a Local Purchase Committee consisting of following members has been constituted by the order of Hon'ble Vice Chancellor for procurement of General items. The Committee has been constituted for a period of Six months w.e.f. 30/09/2021.

1. Mr. Jayprakash M. Soni, Deputy Registrar (Admin) - Convener
2. Dr. Ajaysinh Chauhan, Associate Professor, CGLL, SLL&CS - Member
3. Dr. Tulika Tripathi, Assistant Professor, CSEP, SSS – Member

4. Mr. Mukesh Parmar, Assistant Registrar (Academic.) - Member

The Committee will initiate the process of purchase after due approval of competent authority. The purchase process will be as per GFR-2017, University rules and guidelines issued by the order of competent authority from time to time. Relevant pages of GFR-2017 are enclosed herewith for reference.

Constitution of Local Purchase Committee for procurement of Maintenance related items.

To streamline the purchase requirements of Schools, Centers and other Departments, a Local Purchase Committee consisting of following members has been constituted by the order of Hon'ble Vice Chancellor for procurement of Maintenance related items. The Committee has been constituted for a period of Six months w.e.f. 30/09/2021.

1. Mr. Jayprakash M. Soni, Deputy Registrar (Admin) - Convener
2. Shri. Shamsheer Singh, Assistant Registrar (F&A) - Member
3. Dr. Jayendrakumar N. Amin, Associate Professor, SOE – Member
4. Dr. Shrish Kumar Tiwari, Assistant Professor, SNSS - Member

The Committee will initiate the process of purchase after due approval of competent authority. The purchase process will be as per GFR-2017, University rules and guidelines issued by the order of competent authority from time to time.

Reallocation of Faculty in-charge of Central Instrumentation Facility (CIF) Equipment.

Competent Authority has nominated the following faculty members as In-charge of respective Equipment of CIF and will support in the functioning of the Equipment by all means and also ensure the analysis of all samples whether internal or external:

Sr. No.	Name of Equipment	Model No. and Make	Faculty In-charge
1.	Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)	Model: 7300DV, Make: Perkin Elmer	Dr. Rajesh Singh, Assistant Professor, SESD
2.	500 MHz Fourier-Transform Nuclear Magnetic Resonance (FT-NMR)	Model: SP-65, Make: Perkin Elmer	Dr. Gururaja G. N., Assistant Professor, SCS
3.	Dynamic Light Scattering (DLS)	Model: NPA152-31A-0000-000-90M , Make: Metrohm	Dr. Hitesh Kulhari, Assistant Professor, SNS
4.	Scanning of Electron Chemical Microscope (SECM)	Model: CHI920D, Make: CH Instrument	Prof. Dinesh Kumar, Professor, SCS
5.	Thermo Gravimetric and Differential Thermal Analysis (TG/DTA)	Model: TG/DTA7300 Make: EXSTAR	Dr. Dhananjay Mondal, Assistant Professor, SCS
6.	Differential Scanning Calorimetry (DSC)	Model: DSC 6000 Make: Perkin Elmer	Dr. Charu Lata Dube, Assistant Professor, SNS

Sr. No.	Name of Equipment	Model No. and Make	Faculty In-charge
7.	Fluorescence Microscope	Model: BX 53 Make: Olympus	Dr. Sunita Patel, Assistant Professor, SLS
8.	Atomic Absorption Spectrophotometer (AAS)	Model: ICE3300, Make: Thermo Scientific	Dr. Rajesh Singh, Assistant Professor, SEDS
9.	Ultra-Centrifuge	Model: CS120GXII, Make: Hitachi	Prof. Seema Rawat, Professor, SLS
10	Brunauer Emmett Teller (BET) Surface Area Analyzer	Model: Surfer System-Standard, Make: Thermo Scientific	Dr. Rajesh Singh, Assistant Professor, SEDS
11.	DNA Sequencer	Model: AB 3500, Make: Applied Biosystem	Prof. Seema Rawat, Professor, SLS
12.	High Resolution Transmission Electron Microscope (HR-TEM)	Model: JEOL JEM 2100 TEM HR LaB6 Version, Make: JEOL	Dr. Manu Sharma, Assistant Professor, SNS Dr. Charu Lata Dube, Assistant Professor, SNS
13.	Powder XRD (P-XRD)	Model: Bruker AXS D8 Focus P-XRD, Make: Bruker	Dr. Charu Lata Dube, Assistant Professor
14.	Fast Protein Liquid Chromatography (FPLC)	Model: Akta Purifier, Make: GE Healthcare Biosciences	Dr. Anju Pappachan, Assistant Professor, SLS
15.	Real Time PCR (RT-PCR)	Model: AB 7500, Make: Applied Biosystem	Prof. Seema Rawat, Professor, SLS
16.	Scanning Electron Microscope (SEM)	Model: EVO 18 , Make: Carl Zeiss	Dr. Rajesh Vasita, Assistant Professor, SLS Dr. Manu Sharma, Assistant Professor, SNS
17.	Electron Spectroscopy for Chemical Analysis (ESCA)	Model: B002961 ESCA + Base System, Make: Omicron	Prof. Dinesh Kumar, Professor, SCS
18.	Liquid Chromatography-Mass Spectrometry (LC/MS-QTOF)	Model: Advanced version LC/MS – QTOF, Make: Agilent	Dr. L. Raju Chowhan, Assistant Professor, SAMS Dr. Eeshwaraiah, Assistant Professor, SAMS
19.	Elemental Analyzer (CHNS/O)	Model: EURO EA 3000, Make: Euro-Vector	Dr. Dhananjay Mondal, Assistant Professor, SCS

Sr. No.	Name of Equipment	Model No. and Make	Faculty In-charge
20.	Gas Chromatography (GC)	Model: GC CERES 800 Plus, Make: Thermo Scientific	Dr. Dheeraj Rathore, Assistant Professor, SESD
21.	Confocal Laser Scanning Microscope (CLSM)	Model: LSM 780, Make: Zeiss	Dr. Rajesh Vasita, Assistant Professor, SLS
22.	Single Crystal XRD (SC-XRD)	Model: AXS D8 VENTURE SC-XRD, Make: Bruker	Dr. Gururaja G. N., Assistant Professor, SCS
23.	Fluorescence-Activated Cell Sorting (FACS)	Model: BD- FACS Aria, Make: BD Biosciences	Dr. Rajesh Vasita, Assistant Professor, SLS
24.	High-Performance Liquid Chromatography (HPLC)	Model: FX-6, Make: Perkin Elmer	Dr Panchami Prabhakaran, Assistant Professor, SCS
25.	Atomic Force Microscope (AFM)	Model: XE-70, Make: Park System	Dr. Umesh Kumar, Assistant Professor, SNS
26.	Advanced Potentiostat	Model: 1.848.0010-Titrino plus, Make: Metrohm	Prof. Dinesh Kumar, Professor, SCS
27.	Ozone Generator	Model: Ozone Module, Make: Thales Nano	Prof. R.Y. Hiranmai Professor, SESD
28.	Total Organic Carbon (TOC)	Model: Multi N/C 3100, Make: Analytikjena	Prof. Dinesh Kumar, Professor, SCS Dr. Dheeraj Rathore, Assistant Professor, SESD
29.	UV-visible Spectrophotometer	Model: 2060+, Make: Analytical	Prof. Dinesh Kumar, Professor, SCS
30.	Polorimeter	Model: MCP 200, Make: Anton Par	Dr. L. Raju Chowhan, Assistant Professor, SAMS
31.	High Speed Centrifuge Hitachi	Model: CR22GXIII, Make:	Dr. Anju Pappachan, Assistant Professor, SLS
32.	Refractometer Index (RI)	Model: J257 Serial. No: 13760G	Prof. Dinesh Kumar, Professor, SCS
33.	Porosimeter	Model: Pascal 140 series, Make: Thermo Scientific	Dr. Dheeraj Rathore, Assistant Professor, SESD
34.	Matrix-Assisted Laser Desorption/Ionization (MALDI-TOF)	Model: Autoflex Speed, Make: Bruker	Prof. Pallavi Sharma, Professor, SESD Dr. Panchami Prabhakaran, Assistant Professor, SCS

Sr. No.	Name of Equipment	Model No. and Make	Faculty In-charge
35.	Fourier Transform Infrared Spectroscopy (FTIR)	Model: SP-65, Make: Perkin Elmer	Dr. D.V. Lenin, Assistant Professor, SCS
36.	Thin Layer Chromatography (HP-TLC)	Model: Linomat 5, Make: CAMAG	Prof. Bhawana Pathak, Professor, SESD Dr Paulami Sahu, Assistant Professor, SESD

The above faculty members will also responsible for maintenance, upkeep of the equipment allotted to them and to make entries in log books whenever any test is done or any service or breakdown happens. They will also submit monthly report to the Nodal Officer, CIF.

Constitution of Committee for Internal Revenue Generation (IRG) of Central University of Gujarat.

A committee is constituted consisting of following members to frame guidelines for IRG expenditure:

Sr. No.	Name and Designation	Remarks
1.	Prof. Sanjay Kumar Jha, Dean, SNSS	Chairperson
2.	Prof. Manish, Dean, SIS	Member
3.	Dr. Satya Prakash Upadhyay	Member
4.	Shri Jayprakash Soni, Deputy Registrar (Admin)	Member

Finance & Accounts Department will assist the committee.

The committee is expected to submit its report within a week as per GFR-2017, keeping in the view that IRG is also a part of recurring grant.

Re-constitution of University Building Committee.

In partial modifications in the Notification mentioned under reference 4 above and as approved by Hon'ble Vice Chancellor, the **University Building Committee** was re-constituted. Now the composition of University Building Committee will be as under with immediate effect till further orders:-

Composition of University Building Committee

i.	Vice Chancellor – Chairperson	Prof. Rama Shanker Dubey
ii.	A representative of the Planning Board of the University	To be Nominated
iii.	A representative of the user Department	A representative of the user Department as and when required.
iv.	Two Professors/Associate Professors of the University nominated by Vice Chancellor	1. Prof. Man Singh, Dean, SCS 2. Prof. Sanjay K. Jha, Dean, SIS

v.	Finance Officer of the University	Finance Officer
vi.	Principal of the Engineering College of the University or Head of Civil Engineering Department (where it exists), otherwise a person of equal status from a neighbouring University/College	Prof. (Dr.) U. D. Patel, Professor & Head, Department of Civil Engineering, Faculty of Technology and Engineering, M S University of Baroda.
vii.	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.
viii.	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.
ix.	Superintending/Executive Engineer (Electrical) of CPWD or State PWD	Shri K. K. Oza, Superintending Engineer, R & B Department, Government of Gujarat.
x.	Superintending/Executive Engineer (Public Health) of CPWD or State PWD	Shri M. P. Trivedi, Superintending Engineer, R & B Department, Government of Gujarat.
xi.	University Engineer	Shri Pawan Pathak, Executive Engineer, Central University of Gujarat
xii.	Senior most Architect of the University (where it exists), otherwise a Chief Architect or person of equal status from a neighbouring University/College.	Prof. Preety Shah, Principal, SMAID, New Vidyanagar, Anand.
xiii.	Chief Architect/Deputy Chief Architect or a person of equivalent status from Central or State Department.	Shri Vishal Vyas. Chief Architect, Government of Gujarat.
xiv.	Senior most Landscaping Expert of the University (where it exists), otherwise from some neighbouring Institution/ Government Department/ Public Sector Undertaking or to be hired as a consultant by the University for a limited period.	Shri Karmavir Ghatge, Consultant, Landscape Architect, Vadodara.
xv.	Registrar of the University	Member Secretary
xvi.	$\frac{1}{2}$ 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.	
xvii.	Proposals for construction/renovation/repair costing more than Rs.75.00 lakhs will be 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 considers future expansion scopes for varied and unforeseeable needs.
- iii. That the implementation of the project is properly prioritized 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 rainwater 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.

Constitution of Committee for “Azadi Ka Amrit Mahotsav”-Fit India Freedom Run 2.0

A committee was constituted consisting of following member to plan the activities for Fit India Freedom Run 2.0 which will be organized and popularized:

Sr. No.	Name and Designation	Remarks
1.	Prof. Atanu Mohapatra, Chairperson, CDS	Chairman
2.	Dr. Rajneesh Gupta, Assistant Professor, NSS Coordinator	Member
3.	Shri Alok Kumar Pandey, Yoga Instructor (on contract)	Coordinator

Re-Constitution of Equal Opportunity Cell of Central University of Gujarat.

In partial modifications in the Notification mentioned under reference 4 above and as approved by Hon'ble Vice Chancellor, Prof. Rajesh Makwana, Chairperson, Gujarati Language & Literature, School of Language, Literature and Culture Studies is appointed as Chairperson of Equal Opportunity Cell with immediate effect till further orders. Now the composition of Committee will be as under: -

1. Prof. Rajesh Makwana, CGL&L, SLL&CS - Chairperson
2. Prof. Man Singh, Dean – SCS
3. Dr. Zakia Firdaus, Assistant Professor – SLL&CS
4. Dr. Ishmeet Kaur Chaudhry, Assistant Professor – SLL&CS
5. Dr. Jayashree Ambewadikar, Assistant Professor, SSS
6. Dr. Shiju Sam Varughese, Assistant Professor, SSS
7. Dr. Dheeraj Rathore, Assistant Professor, SESD
8. Dr. Priya Ranjan Kumar, Assistant Professor, SSS
9. Dr. Gajendra Kumar Meena, Assistant Professor – SLL&CS

The Committee will work as per UGC & MHRD Guidelines.

Establishment of Internal Works Department (IWD).

In pursuance of Resolution No. 19 of Executive Council meeting dated 30/03/2021, Internal Works Department (IWD) is hereby established with immediate effect consisting of the following staff:

Sr. No.	Name	Designation
1	Shri Pawan Pathak	Executive Engineer
2	Shri Kartik Mehta	Assistant Engineer (Civil)
3	Shri Nilesh Soni	Junior Engineer (Electrical)
4	Shri Udit Shah	Junior Engineer (Civil)
5	Shri S. Shanmuganathan	Consultant Civil Engineer

The Advisory Committee would plan, organize and monitor all the Sports activities of CUG and will have the following responsibilities:

1. To evolve Annual Sports Plan of Action.
2. To prepare Annual Budget for Sports.
3. To prepare and approve Annual Sports Report.
4. To constitute Selection Committees for University terms for various events.
5. To act as Jury of Appeal during Annual Sports Meet and other tournaments.
6. Any other responsibility assigned by the Hon'ble Vice-Chancellor.

Constitution of Advisory Committee for CIF

Hon'ble Vice Chancellor constituted Advisory Committee of CIF of the following members for two years or till further orders:

1. Prof. Dinesh Kumar, School of Chemical Sciences -Nodal Officer, CIF
2. Prof. Bhavna Pathak, Dean, School of Environment and Sustainable Development
3. Prof. Seema Rawat, Dean, School of Life Sciences
4. Dr. Gururaja G. N., Assistant Professor, School of Chemical Sciences
5. Dr. Rajesh Vasita, Assistant Professor, School of Life Sciences
6. Dr. Raju Chauhan, Assistant Professor, School of Applied Materials Sciences
7. Dr. Rajesh Singh, Assistant Professor, School of Environment and Sustainable Development
8. Dr. Hitesh Kulhari, Assistant Professor, School of Nano Sciences

The Advisory Committee to assist, advise and follow up all necessary maintenance, AMC, repair, student needs, other such requirements, etc.

Constitution of Committee for Selection/identification of plants to be planted at the periphery of Permanent Campus.

Hon'ble Vice Chancellor constituted a committee consisting of following Faculty members for Selection/identification of plants to be planted at the periphery of Permanent Campus of Central University of Gujarat, at Village Kundhela, Tal- Dabhoi, Dist- Vadodara (Gujarat):

Sr. No.	Name and Designation	Remarks
1.	Prof. Bhawana Pathak, Dean, SESD	Chairperson
2.	Dr. Ajaysinh Chauhan, CGL&L, SLL&CS	Member
3.	Dr. Saurabh Sharma, SIS	Member

The Committee may opt any other person depending on the needs.

Constitution of Committee for preparation of Telephone Directory

By the direction of the Hon'ble Vice Chancellor, a committee consisting of following members was constituted for preparation of '**Telephone Directory**' for Central University of Gujarat:

1.	Dr. Kunal Sinha, Assistant Professor, CSSTIP, SSS
2.	Dr. Mansi Singh, Assistant Professor, CSS, SNSS

The Committee is entrusted to prepare 'Telephone Directory' which would include Name, Designation, Residence Address, e-mail, Telephone Numbers (Landline/Mobile) of all Staff members of the University.

Constitution of Evaluation Committee for Evaluation of RFP for comprehensive Architectural Design of Permanent Campus of CUG.

Hon'ble Vice Chancellor constituted a Committee for Evaluation and finalization of Request for Proposal (RFP) for comprehensive Architectural Design of Permanent Campus of Central University of Gujarat, at Village Kundhela, Tal- Dabhoi, Dist- Vadodara (Gujarat) received in response of CUG Tender No. CUG/19/2020 -21 Dated 03/03/2021.

Sr. No.	Name and Designation	Remarks
1.	Shri Vishal Vyas, Chief Architect, Government of Gujarat	Chairperson
2.	Prof. Preety Shah, Principal, SMAID, New Vidynagar, Anand	Member
3.	Prof (Dr) U D Patel, Professor & Head, Department of Civil Engineering, Faculty of Technology and Engineering, The M S University of Baroda	Member
4.	Shri D V Rao, Consultant IAO	Member
5.	Shri S Sammugnathan, Consultant Engineer (Civil)	Member
6.	Shri Jai Prakash M Soni, Dy Registrar	Member
7.	Shri Tarun Kumar Soni, Asst. Registrar	Member Secretary
8.	Ms. Mohini Rehpede, Architect, CPWD Mumbai	Member

Constitution of Committee to prepare and submit draft MoU between Central University of Gujarat, UGC and MoE with specified parameters.

Hon'ble Vice Chancellor constituted a committee to review the performance of Memorandum of Understanding (MoU) signed by Central Universities as per following:

Sr. No.	Name and Designation	Remarks
1.	Prof. Manish, Dean, SIS	Convener
2.	Prof. Dinesh Kumar, SCS	Co-convener
3.	Dr. Arun Vishwanathan, Associate Professor, CSS, SNSS	Member
4.	Mr. Jayprakash M Soni, Deputy Registrar (Admin.)	Member
5.	Dr. Hemang Desai, Deputy Registrar (Acad.)	Member Secretary

Committee for Physical Verification of Stock

Hon'ble Vice-Chancellor constituted a committee of following Teaching Staff to carry out physical verification of stock for year 2020-21 (i.e. 01/04/2020 - 31/03/2021) for one year:

For Fixed Assets & Consumables Verification

1. Prof. Manish, Dean, SIS
2. Prof. Dinesh Kumar, SCS
3. Dr. Hemant Kumar, Assistant Professor, CSSTIP, SSS
4. Dr. Rajneesh Gupta, Assistant Professor, CDS

For Library books

1. Prof. Balaji Ranganathan, Chairperson, CCL&TS, SLL&CS
2. Dr. Kunal Sinha, Assistant Professor, CSSTIP, SSS
3. Dr. Siba Shankar Mohanty, Assistant Professor, CSRD
4. Dr. Dheeraj Rathore, Assistant Professor, SESD

Both the Committee must submit its report within one month of issue of this Notification.

Constitution of Committee for celebration of 130th Birth Anniversary of Dr. B. R. Ambedkar on April 14, 2021.

Hon'ble Vice Chancellor constituted a committee consisting of following members to celebrate the 130th Birth Anniversary of Dr. B. R. Ambedkar on 14/04/2021 through online and Offline mode: -1.Prof. Rajesh Makwana, Chairperson, CGLL, SLL&CS2.Dr. Jayendrakumar N. Amin, Associate Professor, SOE3.Dr. Jagannatham Begari, Assistant Professor, School of Social Science (SSS)4.Shri Tarun Kumar Soni, AR (Admin)Hon'ble Vice Chancellor has also sanctioned Rs. 30,000/- for the same. The above mentioned members are requested to follow GFR-2017 and University Rules for purchase and procurement.

Admission and Evaluation Department

The office of controller of examinations (COE) 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, respectively. 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 student's data management system which has enabled online enrolments/registrations, folio filling, marks entry and result preparations and issuing certificates.

2021-22 Admissions at a glance

For Smooth conduction of Entrance Examination an Admission Committee was constituted to initiate necessary preparations for the admission 2021-22 by the Hon'ble Vice Chancellor vide Office Order No. 003/2021 dated June 28, 2021 and Controller of Examinations was 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 the AY 2021-22. The University commenced the admission process to various UG, PG, M.Phil., Ph.D. Programmes that are being offered by different schools and centres for the Academic Year 2021-22.

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 function 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 Ministry of Education, Government of India, New Delhi to be placed before Parliament.

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 02 officers and 05 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 University to start the payment through TSA system under PFMS portal of Ministry of Finance, Government of India.
- Separate Audit Report on the Accounts of the University for the FY 2020-21 has been appreciated by the Finance Committee of the University.
- University has strengthened the internal audit system with the help of Consultant Chartered Accountant Firm 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. Out of total 44 outstanding audit paras 33 paras have already been settled during the FY 2020-21. Efforts are being made to settle the remaining audit paras. Inspection Report have also been received from C &AG for the FY 2019-20 and 2020-21. Reply on the IR will be submitted by the University shortly.
- The department is working on complete computerization of financial management and accounting system.

Alumni Cell

The University has established Central University of Gujarat Alumni Association (CUGAA) vide notification no 46/2016-17 dated 09th August 2016. CUGAA has been set up to develop strong and enduring relation with the alumni of the University which will promote interaction among alumni and provide valuable social and professional outcome. Further, CUG Alumni Cell was established on July 1, 2020 with the aim to build an active and engaged alumni network worldwide to nurture associations and create a vibrant culture of exchange and interactions. 124 Alumni had registered themselves as Alumni of CUG.

Functions of CUG Alumni Cell

- To constitute a strong support to the University through the achievements of Alumni in scholarship, innovation and excellence in different walks of life.
- To provide 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.
- To provide an opportunity to all the registered members to implement programs that promotes the interests of the University and its alumni.

Activities of CUG Alumni Cell

- Nodal Officer was nominated by the respective School Dean to the Alumni Cell on May 12, 2021 where an online meeting was held with Honorable Vice Chancellor Prof Rama Shanker Dubey and Registrar to discuss planning and coordination of Alumni in the context of NAAC, membership drive towards registration of Alumni and facilitation of Alumni contributions.
- Started the process of preparing CUG Alumni ID Card for the 61 alumni who have paid the complete fees.
- A talk “Role of Alumni in Higher Education” had been held by the Alumni Cell at the University level on June 26, 2021 by Professor R K Kale, founding Vice Chancellor, Central University of Gujarat.

Activities conducted for Alumni by various schools

School of Environment and Sustainable Development (SESD)

- A 5 days' workshop on Multidisciplinary Approaches of Environmental Sciences was conducted from 27th to 31st July 2021 by School of Environment and Sustainable Development (SESD)

School of Library and Information Sciences (SLIS)

- The first webinar was conducted on 12th June 2021 (Saturday), on the topic 'Research Opportunities for LIS students and professionals.' The resource persons were Dr Aditya Tripathi, Professor, Department of Library & Information Science, at Banaras Hindu University, Varanasi, and Dr Manorama Tripathi, Chief Librarian, at Central Library, Jawaharlal Nehru University, New Delhi. The participants were the SLIS Alumni, SLIS current students and the SLIS Faculty.
- SWOC Analysis of SLIS was conducted by the Alumni in the month of July 2021.
- Library Posters were collected by the Alumni Students for SLIS in the month of August 2021.

- Celebration of International Day of Universal Access to Information – Right to know which is observed on 27th September every year. Due to some unexpected circumstances, the school observed it on 5th October 2021 through a webinar which was also attended by Alumni.
- Open Access Week and as a part of the celebrations spread across three days namely 25th, 26th and 27th October 2021, inauguration of the Open Access website by the Dean-in-charge, Prof Atanu Mohapatra, two awareness talks by our research scholars, namely Mr Sagender Singh Parmar on the topic 'Open Education Resources: The Spectrum of Open Access' and another by Ms Amreen Taj on the topic “Open Access Publishing and Accessibility” were organized. An online quiz on the topic of Open Access Movement for the current students was conducted and a Poster Designing competition were organized for the students and the alumni of the school. Many alumni students attended the inaugural and valedictory sessions and interacted with both the speakers and one alumni also presented his poster too on the theme of Open Access.
- School of Library and Information Science, Central University of Gujarat, Gandhinagar organized Analects@ SLIS, a special lecture series from 15th to 20th November 2021 as a part of observation of National Library Week 2021. The current students, the alumni, and the faculty of SLIS participated in the event.
- For the month of December 2021, the SLIS alumni activity was titled 'Carpe Diem' and aimed at collecting the alumni's suggestions regarding an inspiring book or an article or a blog piece that might have made an impact on them and made them feel 'Now is the moment, I need to make the most of it, if I must succeed'....
- The webinar titled 'Assignments & Beyond' conducted on January 2, 2022 at 5.00 p.m. on Google Meet was an effort to connect the SLIS alumni students and the present students as well as new entrants to understand the resources for their scholastic assignments.

School Of Life Sciences (SLS)

- Online meeting with SLS alumni representatives was conducted on May 27, 2021.
- An online reunion of the M.Sc. batch of 2014-2016 was held on June 10, 2021 by School of Life Sciences.

School of Social Sciences (SSS)

A talk was organised by School of Social Sciences Alumni on 31st July 2021. Dr. Kruti Patel (Social Entrepreneur Founder, She & We Foundation) spoke on “Entrepreneurship as a career option – Post Covid.” Mr. Ankit Dave (Associate Vice President, GUSEC) spoke on “Developing start up Ecosystem – University Interface for students”.

Centre For Diaspora Studies (CDS)

A talk had been held by Centre for Diaspora Studies on “Sir Anreood Jugnauth – A legend of Indian Diaspora” on September 25, 2021.

Remedial Coaching Cell

- Interaction of Honourable Vice Chancellor with Students and delivered a lecture On Higher Education in Search of Knowledge, Opportunities and Development of Human Resources, held on March 16, 2022.

- Kalyan Elisila (IPS), delivered an online lecture on " Preparation for Competitive Exams (CIVILS), Motivational Insights and Spirit of Successful: A Way Forward, held on March 17, 2022.
- Ritu Sharma, Dean, Liberal Studies, PDEU, delivered a lecture on "Coping with Stress and Building Resilience for University students in Post Covid Pandemic", held on March 24, 2022
- Prof. Nagaraju Gundemeda, delivered a lecture on " Higher Education: Challenges, Prosperities, and future goals", held on March 24, 2022.

Internal Complaint 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.

- Observed World Nature Conservation Day on July 28, 2021 with theme Forests and livelihoods: Sustaining people and planet.
- Organised online slogan writing on the topic “Role of Women in Preservation of the Ozone Layer” World Ozone Day 2021, September 16, 2021 with the theme Montreal Protocol - Keeping us, our food and vaccines cool
- Observed International Day of the Girl Child 2021
- An online Round Table Conference in commemoration of eight anniversary of notification of Sexual Harassment Act on December 9, 2021 as per notification from Ministry of Women & Child Development, Govt. of India
- Webinar on National Farmers' Day, December 23, 2021. “Role of Women in Agriculture and Food safety”
- Gender Champion activities -Slogan writing for Post Graduate Students of Central University of Gujarat on “Gender Equality” on January 21, 2022: based on Ministry of Human Resource Development, Department of Higher Education, & Ministry of Women & Child Development to organize Gender Championship activities in educational institutions that strengthen the potential of young girls and boys to advocate for gender equality and monitor progress towards gender justice.
- International Day of Women and girls in science February 11, 2022 on the Theme: “Equity, Diversity, and Inclusion: Water Unites Us” with an aim to recognize the role of women and girls in science, not only as beneficiaries, but also as agents of change, including in view of accelerating progress towards the achievement of SDG 6 (Clean Water and Sanitation).”
- Online event on “Role of women for a sustainable future”. “Express the views on the theme through posters, photos, poems or thematic write up in one paragraph- in commemoration with National Science Day 2022, February 28, 2022: Theme of this year; “Integrated

approach in science and technology for a sustainable future”

- EBSB, ICC and NSS celebrated International Women's Day on the theme” Gender equality today for a sustainable tomorrow”; March 7 – 8, 2022.
- Gender Champion activities -Focus Group Discussion for Faculty of Central University of Gujarat on “Gender Equality” on March 14, 2022: Ministry of Human Resource Development, Department of Higher Education, & Ministry of Women & Child Development to organize Gender Championship activities in educational institutions that strengthen the potential of young girls and boys to advocate for gender equality and monitor progress towards gender justice.
- World Health Day April 4, 2022 based on the theme by WHO “Our planet, our health”



Annual Reports are submitted to MHRD, UGC and NCW. Annual return of cases was submitted to MHRD as per DOP & T O.M. No.11013/2/2014-ESSt.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 Hon. Vice Chancellor, Central University of Gujarat in cases of grievances and actions being taken for them.

Ek Bharat Shreshtha Bharat (EBSB)

Introduction

Dissemination of knowledge through academic deliberations and community service through extension and outreach activities are the key features of the Central University of Gujarat. Besides excellent track record of scholarly works, university fraternity also engage themselves in the efforts pertaining to awareness, harmony and advancement in the society which are essential for the progress of the nation. Various programmes and schemes of Government of India are actively being implemented in our university. Throughout the year Ek Bharat Shreshtha Bharat (EBSB), National Service Scheme (NSS) and Yoga Club conducts various activities in collaboration.

“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

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. Pair of two States/UTs has 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 वल्लभ भाई पटेल ने हमें एक भारत दिया, अब यह १२५ करोड़ भारतियों की जिम्मेदारी है की भारत को श्रेष्ठ बनाये) Sardar Patel give 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 next few years. In 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 the 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.

National Service Scheme

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 our university since academic year 2017-18.

The main objectives of NSS are

- understand the community in which they 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

Motto

The motto of National Service Scheme is NOT ME BUT YOU

Yoga Club

Yoga is a way of life inspired by the ideals of Vasudhaiv Kutumbakam - classical Indian philosophy. It 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 had a global recognition since ages and that has been manifested in the United Nations resolution to observe 21 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 our university April 11, 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

Joint activities of EBSB, NSS and Yoga Club

1. Online training session for common yoga protocol practice for celebration of 7th International Day of Yoga from May 21, 2021 to June 21, 2021.

International Yoga Day Celebration

International Yoga Day Celebration was organized jointly by Yoga Club and NSS in the virtual mode on June 21, 2021. Members of the university fraternity joined the event by doing Yoga at home. Hon'ble Vice Chancellor, also joined the event by doing Yoga practices from his residence.

Link: <https://fb.watch/v/2XKyt4fp0/>, **Link:** <https://fb.watch/v/840QyjuH/>

2. Central University of Gujarat, Yoga Club organized a webinar association with (EBSB & NSS) on importance of Yoga during Covid-19 pandemic on 22/06/2021



The webinar on 'Importance of Yoga during Covid 19' was jointly organized by EBSB, NSS and Yoga Club of CUG on June 22, 2021 through online mode. About two hundred participants had extended their participation in the event.

World No Tobacco day webinar on May 31, 2021.

<https://www.facebook.com/cugadmin/videos/503909947615649/>

Observance of No Tobacco Day was jointly organized by EBSB, NSS and Yoga Club of CUG on May 31, 2021 through online mode. About three hundred participants had extended their participation in the event. Hon'ble Vice Chancellor, presided over the event and highlighted on the role that the universities, educational institutions, and society at large should play to fight against the tobacco. We should all work together to stop our youth from being misguided. We should all pledge to build a tobacco free society.

3. Azadi ka Amrit Mahotsav: Bharatiya Swatantra sangram evam Nav Bharat Nirman on July 26, 2021 Azadi ka Amrit Mahotsav Bharatiya Swatantrata Sangram evam Nav Bharat Nirman

Azadi ka Amrit Mahotsav Bharatiya Swatantrata Sangram evam Nav Bharat Nirman was jointly organized by EBSB and NSS of CUG and Bharatiya Itihas Sankalan Samiti on through offline mode on July 26, 2021. About one hundred and fifty participants had extended their participation in the event. Hon'ble Vice Chancellor, presided over the event and highlighted on the role played by our freedom fighters in freeing the country and building the nation. Dr. Balmukund Pandey, the Chief Guest and chief speaker of the event provided a brief sketch of the independence movement, the sacrifice of our freedom fighters and their supreme contributions in the making of the new India. We all have to follow the path of sacrifice of our freedom fighters and contribute to the building of the new and modern India. Mr. Girish Bhai Thakar, Special Guest of the event appealed to the youth of the country to walk in the footprints of our freedom fighters to build new India.

4. Mahamana Pandit Madan Mohan Malaviya Jayanti Samaroh December 26, 2021

Mahamana Pandit Madan Mohan Malaviya Jayanti Samaroh was jointly organized by EBSB and NSS of CUG through offline mode on December 26, 2021. About two hundred and twenty participants had extended their participation in the event. Hon'ble Vice Chancellor, Prof. Rama Shanker Dubey presided over the event and highlighted on the ideals of Pandit Madan Mohan Malviya in building the Banaras Hindu University. He focused on how the ideals of Malviya ji can be instrumental in building a fair, noble and moral India. Prof. Ganga Prasad Prasain, Hon'ble Vice Chancellor, Tripura University graced the event as the chief guest and chief speaker. He highlighted on the different phases of Pandit Madan Mohan Malaviya's life and his role in building India.

5. Chhattisgarh Day Celebration, a Webinar on “Chhattisgarh after two decades” (01.11.2021)

On the occasion of Chhattisgarh Day Celebration a webinar was jointly organized by EBSB, NSS and UBA of CUG on the theme of 'Chhattisgarh after two Decades' on November 1, 2021.

6. 75th year of India's Independence walk for Azadi ka Amrit Mahotsav “Fitness ki Dose Aadha Ghanta Roz” (29.08.2021)

As a part of Azadi ka Amrit Mahotsav celebration walk and Yoga practice was organized jointly by EBSB, NSS and Yoga Club of CUG. Canara Bank was its event partner. The title of the event was Fitness Ki Dose Aadha Ghanta Roz. The run started from sector-30 campus of CUG to sector-29 campus of CUG. It was followed by Yoga practice for half an hour.

7. Online Garba Training program

Online Garba Training Programme was organized for ten days from September 30, 2021 to October 9, 2021 for the students of Guru Ghasidas Vishwavidyalaya, Chhatisgarh. It was jointly organized by EBSB, and NSS of CUG. Around one hundred and fifty students participated on this online training programme. The students expressed their happiness learning this new dance skill.

8. Run for Unity on Rashtriya Ekta Divas (lecture on Relevance on Sardar Patel)

On the occasion of Rashtriya Ekta Divas (Birth Anniversary of Sardar Vallabhbhai Patel), Run for Unity was organised jointly by EBSB, NSS and Yoga Club of CUG on October 31, 2021. The run was followed by a lecture on Relevance of Sardar Patel. It was organized on offline mode. Around one hundred and ten participants including faculty members, non-teaching staffs and students participated in the event. Hon'ble Vice Chancellor, presided over the event and highlighted on the ideals of Sardar Patel in building one and unified India. He highlighted on the contributions of Sardar Patel in uniting India.

9. Webinar on Responding The Challenges of Covid-19 : Awareness & Prevention

The webinar on 'Responding the Challenges of Covid-19: Awareness and Prevention' was jointly organized by EBSB, NSS and UBA of CUG on 08 May 2021. About three hundred participants had extended their participation in the event. Hon'ble Vice Chancellor, Prof. Rama Shanker Dubey presided over the event and highlighted on keeping better mental health and maintaining of physical fitness during the Covid 19 period. Prof. K.G. Suresh, Hon'ble VC, Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal, Prof. Dipti Oza, University of Delhi and Prof. Debi B. Sarkar, University of Delhi enlightened the participants with their insightful and thought provoking speeches on varied dimensions of Covid 19 and various ways of overcoming the challenges of Covid 19. They highlighted on the physiological aspects to the psychological aspects of Covid 19. They offered insights how to remain calm, alert and never to panic.

10. Swachhata Pakhwada

Swachhata Pakhwada was jointly organized by EBSB and NSS of CUG during September 8, 2021 to September 15, 2021. About two hundred participants had extended their participation in the event. As part of the event, a seminar on 'Water Conservation: Awareness and Responsibility' was also held on. Hon'ble Vice Chancellor, CUG presided over the seminar and highlighted on the importance of swachhata (cleanliness) in our life and society. He also stressed on our responsibility for the water conservation. We should all spread awareness among people of the society regarding the importance of conservation of water. The chief guest of the event Dr. R.C. Jain, ex-chairman, CGWB, GoI and Advisor, GWRDC, Govt. of Gujarat highlighted on the different dimensions of water conservation. We all should protect our water resources for the future generation.

11. Vigilance Awareness Week

Vigilance Awareness Week was jointly organized by EBSB and NSS of CUG from October 26, 2021 to November 1, 2021. About two hundred and seventy participants had extended their participation in the event. As part of the event, a distinguished talk was organized on October 27, 2021 on the theme of 'The Ideas of Vigilance: Integrity and Values'. The integrity pledge was given to the faculty members and non-teaching staffs of the University. Hon'ble Vice Chancellor, Prof. Rama Shanker Dubey presided over the event and threw lights on the social, legal, and economic aspects of integrity. He appealed all to fight against all forms of corruption and drive out the evil from the society. The eminent speaker of the event Shri H.K. Dash, former

Vigilance Commissioner of Gujarat focused on the necessity of driving out corruption in all forms. Corruption is the biggest road block of development. He also highlighted on the legal dimensions of corruption.

12. Observes World Environment Day, Webinar on Environment Restoration

Observance of World Environment Day was jointly organized by EBSB and NSS of CUG on June 5, 2021. As a part of the event a webinar was organized on the theme of 'Environmental Restoration'. About two hundred and fifty participants had extended their participation in the event. Hon'ble Vice Chancellor, CUG, presided over the webinar and highlighted on devising ways of development without harming the environment. The eminent speakers of the webinar Prof. Pardha Saradhi, Prof. A.K. Keshari, Dr. P.K. Behera and Mr. Richard Mohapatra highlighted on various ways of restoring our environment. Restoration of the environment for growth and sustainability was focused on in their speeches.

१३. स्वस्थ जीवनशैली योग प्राणायाम एवं ध्यान

The webinar on 'Swastha Jivan Shaili: Yoga, Pranayam and Dhyana' was organized by EBSB, CUG on 29/07/2021. About three hundred participants had extended their participation in the event. Hon'ble Vice Chancellor, presided over the webinar and highlighted on the importance of Yoga, Pranayam and Dhyana on maintaining a healthy life style.

14. Azadi Ka Amrit Mahotsav with Ek Bharat Shreshth Bharat on August 15, 2021

On 75th Independence of India several activities were conducted by EBSB, NSS and Yoga Club. On the eve of the Independence Day campus was beautifully decorated with flowers, lights, balloons and rangoli. At the dawn of the day campus was truly filled up with the echoes of patriotic songs. After the flag hoisting ceremony, a cultural event was organized on the theme of 'Ek Bharat Shreshth Bharat'.

15. Azadi Ka Amrit Mahotsav with Ek Bharat Shreshth Bharat on 26th January 2022

On 26 January 2022 a series of events were organized by EBSB, NSS and Yoga Club to mark Republic Day of India. Faculty, students, and staff of the university joined flag hoisting ceremony which was followed by gala cultural event.

16. A Part of 750 million Suryanamskar Practice under EBSB & NSS

Yoga Club, NSS and EBSB joined '750 million virtual suryanamaskar' initiative of the Government of India and conducted online sessions from 11 January to 21 February 2022.

17. Celebration of United Nations Day

NSS cell of Central University of Gujarat and Jila Kanooni Seva Satta Mandal, District court Gandhinagar celebrated United Nations Day on 24 October 2021. As a part of the celebration a workshop cum special training camp was organized in the Sector-24 Boys Hostel under the banner of 'Pan India legal awareness campaign and its outreach project'. Resource persons of the event were- panel advocates Shr Vinaykant Dodiya, Shri Anil Kakkad and Shri Vipul Vaghela. The programme benefitted residents of the hostel and its staff.

18. Revisiting Legacies of Netaji Subhash Chandra Bose

EK BHARAT SHRESTHA BHARAT (EBSB), in Association with NSS and UBA organized a special talk (virtual) on Revisiting Legacies of Netaji Subhash Chandra Bose. The event was organized to mark birth anniversary of Netaji Subhash Chandra Bose. Honourable Vice Chancellor of CUG presided over the webinar. Noted social thinker and activist Dr. Sunil Mohanty delivered guest lecture. The webinar was live telecasted through facebook page of the

university and it attracted about 550 viewers. The link of the webinar is: <https://www.facebook.com/cugadmin/videos/485081529719996>

19. Celebration of International Women's Day

To mark and honour the tremendous achievement of women in every sphere of society and the role of women in building the nation EBSB, ICC and NSS, CUG jointly organised a programme on the theme of “Gender Equality Today for a Sustainable Tomorrow” in which around two hundred and fifty students, faculty members and staffs participated in the event. Many faculty members and staffs shared their views on this subject.

20. Niddan Sarovar (Health Consultation) Camp through Indians System of Medicine AYUSH (Ayurveda, Yoga and Naturopathy, Unani Siddha and Homeopathy)

Health consultation camp on the Indian system of medicine Ayurveda, Yoga and Naturopathy, Unani Siddha and Homeopathy (AYUSH) was organised by Yoga Club, EBSB and NSS, CUG. Around two hundred faculty members, students and staffs of the University checked their health in this camp. The importance of Indian system of medicine in curing the diseases and keeping the human beings healthy and mentally fit was promoted through the camp.

21. EBSB Events

Orientation programme of NSS was jointly organised by NSS, EBSB and Yoga Club, CUG from February 25, 2022 to March 10, 2022. Several events like, painting competition, debate competition and health consultation camp were organised as a part of the event. The students were oriented on the various activities of NSS.

1. Orientation programme -NSS, Concluding Ceremony Ek Bharat Shreshth Bharat fortnight cultural event, 10th March 2022
2. Painting Competition
3. Debate Competition

Internal Quality Assessment Cell (IQAC)

Following activities were undertaken by IQAC during the year:

- Organised a Webinar on “Corona Kal me Media ki Bhumika” in association with School of Language, Literature and Culture Studies (SLL&CS) on 31st May 2021.
- Organised a UGC Consultative Round Table Discussion on “Research and Development Cell: Scope and Significance in Universities” on 12th November 2021.
- Organised UGC Consultative Workshop on “National Research Internship Programs (NRIP) in HEIs” on 22nd March 2022.
- Coordinated with Alumni Cell for Alumni Feedback from Students.
- Conducted Students' feedback process for the requirement of AQAR 2020-21 and SSR for 2nd cycle.
- Conducted Student Satisfaction Survey (SSS) for the requirement of AQAR 2020-21.
- Preparation of IIQA (Institutional Information for Quality Assessment) & SSR (Self – study Report) for 2nd cycle of NAAC.

- Prepared and uploaded the content of IQAC page in CUG Website.
- Designed and uploaded NEP – 2020 page in CUG Website.

Yoga Club

Yoga is a way of life inspired by the ideals of Vasudhaiv Kutumbakam - classical Indian philosophy. It 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 had a global recognition since ages and that has been manifested in the United Nations resolution to observe 21 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 Central University of Gujarat on April 11, 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 undertaken

- Webinar on Responding The Challenges of Covid-19: Awareness & Prevention May 8, 2021
- Online training session for common yoga protocol practice for celebration of 7th International Day of Yoga from May 21, 2021 to June 21, 2021
- International Yoga Day Celebration in the virtual mode on 21 June 2021.
- Webinar in association with (EBSB & NSS) on importance of Yoga during Covid-19 pandemic on 22/06/2021
- Webinar on 'Swastha Jivan Shaili: Yoga, Pranayam and Dhyana' on July 29, 2021.

Highlights 2021-22



Permanent Campus for Central University of Gujarat

It was a proud moment in the History of Central University of Gujarat that His Excellency, President of India announced an outlay of Rs. 743.42 Crores for the construction of permanent campus for the university during 3rd Convocation, of which Rs. 425.36 Crores has been sanctioned for construction purpose with an area to be of 75006 sqm.

A proposed green campus with salient features such as Green Campus, Wi-Fi facility, Health centre, Bank & 24/7 ATM, Smart classrooms, Central Instrumentation Facility, Herbal Garden, Latest Equipment for laboratories, Student amenities like Canteen, safe drinking water facility, common room, counselling centre for students, ladies room etc. is proposed for Central University of Gujarat.

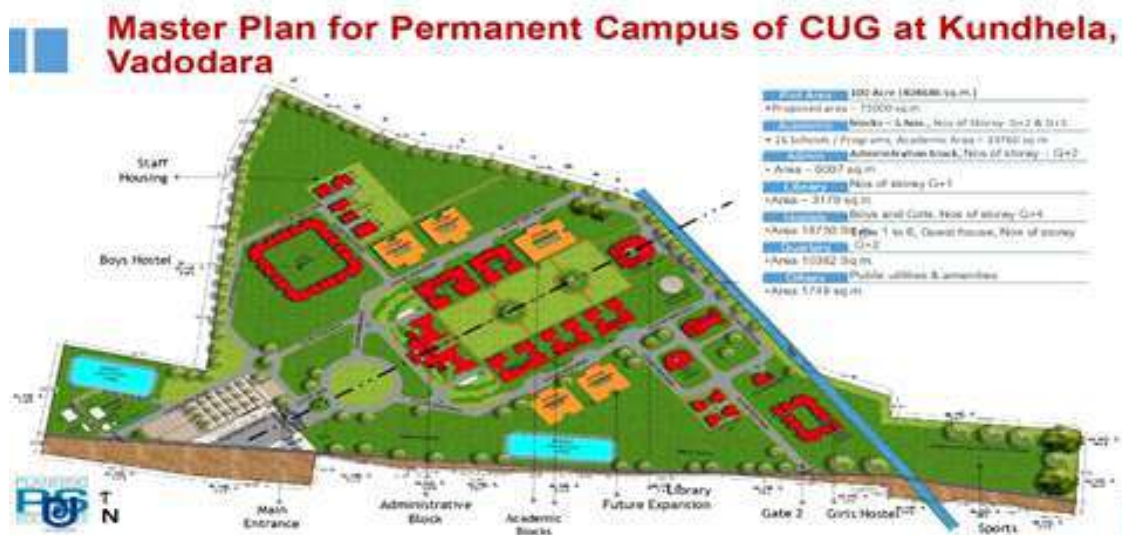
Site selection committee constituted by Ministry of Education, Government of India visited the 210-acre land on July 21, 2016 offered by Government of Gujarat at Village – Kundhela, Taluka – Dabhoi, District – Vadodara for setting up of permanent campus of CUG. Government of Gujarat allotted 100 acres of land for construction of permanent campus of the university on August 8, 2018 near village Kundhela, Taluka Dabhoi, District Vadodara. The total area of the project site is 41.45 Hectare. Consultant Architect was appointed for construction of Phase I (Package I) of the building on June 2, 2021 and the master Plan and building plans for Phase I (Package I) were approved by University Building Committee on July 19, 2021. CPWD submitted the Preliminary Estimate (P.E.) on September 10, 2021 for construction of Phase I building for the university and it was approved by university authority.

CPWD floated Tenders for construction of buildings under Package -1 in December 2021 and contract was awarded to M/s. B. L. Mehta Construction Pvt. Ltd amounting to Rs. 157,91,10,615/- and construction work has commenced at the site since March 11, 2022.

Various Local body approvals such as Town Planning, Gram panchayat, Airport Authority of India, Fire and Gujarat Pollution Control board have been obtained.

Consultant Architect was appointed for construction of Phase I (Package II) of the building on March 29, 2022. Planning and designing of building plans for Phase I (Package II) is in progress. The M. S. University, Vadodara is appointed as proof checking Consultant and IIT Indore is appointed as TPQA agency through CPWD.

Glimpses of Campus Development





Honourable Vice Chancellor welcoming Honourable Chancellor on Tree Plantation



Plantation Activity at Kundhela campus



Plantation Activity at Kundhela campus



Plantation Activity at Kundhela campus



Kundhela campus

Implementation of National Education Policy, 2020 in Central University of Gujarat

- As part of implementation of National Education Policy, 2020, Central University of Gujarat has initiated the teaching of Holistic Education A compulsory paper both at Undergraduate level and post graduate level in semester I and II has been introduced since the academic year 2021-22.
- Online learning is being promoted with University's own Learning Management System. Students in large number are opting for SWAYAM courses with credit transfer facility.
- Digi locker of National Academic Depository has been started for depositing the Degrees and Marksheets of the students.
- Several interdisciplinary certificate and diploma coursed have been started.
- A research and Development Cell has been established to promote qualitative and socially relevant research.
- Students are being encouraged learning in regional language.
- Several courses relating to multidisciplinary subjects have been introduced by all the Schools of the University. The list is given below:

Minor Elective Multidisciplinary Courses

Sr. No.	Schools	Sr. No.	Course Name	Credit
1.	School of International Studies	1.	India in the World	2
2.	School of Chemical Sciences	2.	Irreversible thermodynamics of living systems	2
		3.	Optical Properties of metal nanoparticles	2
		4.	Environment pollutants	2
		5.	Friccohesity chemistry of Nano emulsion formulation for quality product	2
		6.	Electron transfer, respiration and photosynthesis	2
		7.	Nano Science in drug development	2
		8.	Pharmaceutical products	2
		9.	Extraction techniques	2
		10.	Bio conjugation methods and applications	2
		11.	Natural Products	2
		12.	Imaging techniques	2

Sr. No.	Schools	Sr. No.	Course Name	Credit
3.	School Nano Sciences	14.	Nanotechnology: Fundamentals and Applications	
4.	School of Environment and Sustainable Development	15.	Social Responsibility and Community Engagement	2
		16.	Climate Change and Sustainable Development	2
		17.	Biodiversity and Conservation	2
5.	School of Applied Material Sciences	18.	Ancient Indian Inventions and Modern Science in Vedas	
6.	School of Life Sciences	19.	Introduction to Biology	2
7.	School of Language, Literature and Culture Studies	20.	Hindi Media Lekhan	2
		21.	Basic of Translation	2
		22.	Introduction to Chinese Language	2
		23.	Communicative English	2
		24.	Gujarati Bhasha ka Prathamik Parichay	2
8.	School of Library & Information Science	25.	Digital Information Literacy	2
		26.	Applied Statistics	2
9.	School of National Security Studies	27.	Introduction to India's National Security	2
		28.	Cyber Hygiene	2
		29.	Basic Computers	2

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.

School	Programme	Stream
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.

Academic events (e.g., conference/seminar/webinar/workshop etc.) organized at Centre/ School level

- School of Environment and Sustainable development undertook Celebration of Wetland Day on February 2, 2022, students visit to Nal Sarovar Bird Sanctuary.
- University level debate competition by School of Environment and Sustainable development on Role of Individuals/Households in adopting Environment Friendly Conservation Measures as a part of National Environment Youth Parliament-2022 (NEYP 2022) under Paryavaran Sanrakshan Gatividdhi (January 18, 2022)
- 2-days webinar on "Recent Trends & Advances in Bioremediation Technologies" from 16-to 17 August 2021, School of Environment and Sustainable development.
- Five Days' Workshop on Multidisciplinary Approaches of Environmental Sciences (27-31 July, 2021) -online, School of Environment and Sustainable development.
- School of Environment and Sustainable Development in association with EBSB and NSS celebrated World Environment Day (June 5, 2021)
- Webinar on Environmental Restoration on 5th June 2021, School of Environment and Sustainable development.
- Poster making activity on Restoration Ecology on world Environment Day (June 5, 2021), School of Environment and Sustainable development
- School of Environment and Sustainable development celebrated Biodiversity Day 2021 and organized a webinar on "We're part of the solution #For Nature"(May 22, 2021)
- School of Applied Material Sciences had organised Webinar on ChemDraw and Mnova on December 16, 2021
- 3-Days Online Workshop on "Methodology of Educational Research" School of Education, Central University of Gujarat on 24- 26 May 2021
- Two Day International Webinar on "Significance of Translation in India-China Relations", organized by Centre for Chinese Studies in collaboration with Centre for Hindi Studies, SLL& CS, Central University of Gujarat on 22-23 February 2022.
- Workshop - cum - seminar "Kunst im DaF Unterricht", Dates: March 3 – 4 March, 2022, Centre for German Studies, SLL&CS.
- National Webinar on National Education Policy-2020 and Literature in Collaboration With Umiya Arts and Commerce College, Ahmedabad by Centre for Gujarati Language and Literature, SLL&CS on March 21, 2022.
- DAYRO (Lagyo Kasunmbi no Rang) an occasion of AZADI KA AMRUT MAHOTSAV. Collaboration with Shri Zaverchand Meghani lok Sahitya Kendra, Saurashtra University, Rajkot, organized by Centre for Gujarati Language and Literature, SLL&CS March 21, 2022.
- Virtual International Conference on Statistical tools and techniques for research data analysis by SLIS and Date 21 – 22 January 2021.
- Webinar on the occasion of 'International Day of Universal Access to Information – Right to Know' by School of Library and Information Science.
- Open Access Week, 25 – 31 October 2021, by School of Library and Information Science.
- National Book Week 15 – 20 November 2021, by School of Library and Information Science.

- Training Program on Real Time PCR by Applied Biosystems, January 6, 2022, School of life sciences.
- Webinar on “Cyber Awareness – Challenges and Solutions”, Centre for Studies in Strategic Technologies (Cyber/Space Security), School of National Security Studies on October 29, 2021.
- Maritime History Conclave on Early and Medieval History of Maritime India, jointly organized by Maritime History Society and School of National Security Studies, on November 27, 2021.
- A two-day national conference on National Security and Cyberspace Issues and Challenge (online) on 23 and 24 November 2021 in collaboration with Rashtriya Raksha University by School of National Security Studies.
- A webinar on “Relevance of Drone Technology in Strengthening India's National Security Ecosystem: Market Trends, Innovation & Policy Developments” by Mr. Rajan Luthra, Leader, Special Projects in the Chairman's Office at Reliance Industries Ltd. (RIL), organized by School of National Security Studies. January 21, 2022.
- International Conference in Online mode on Global Dynamics and Contemporary Challenges: Europe and India, jointly organized by Centre for Studies in Strategic Technologies (Cyber /Space Security), SNSS, CUG and Jean Monnet Module, Centre for European Studies, School of International Studies, JNU, 20-21 October 2021.
- Two Week Research Methodology Training Programme for Faculty Development (Online) during 7 – 18 June 2021, organized by Centre for Studies in Economics & Planning, School of Social Sciences, Central University of Gujarat.
- A special lecture series on the theme 'Data Analysis using Statistical Methods & SPSS' by School of Library and Information Science during January 25 - February 3, 2022.
- International collaborative event jointly with the School of Library and Information Studies, University of the Philippines on the topic “Comparative Librarianship” on November 27, 2021 by School of Library and Information Science.
- Celebration of World Social Work Day on March 15, 2022 on the theme “Positioning Social Work in an Eco Social World: Building New Partnerships and Alliances”, Centre for Studies in Social Management, School of Social Sciences.
- 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 in association with Centre for Policy Research in Education, PMMMNMTT, School of Education, during 13-14 March 2021.
- National Webinar on “Remembering Indian Diaspora's Role in Indian Freedom struggle on October 11, 2021 as part of Azadi Ka Amrit Mahotsav by Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar, India.
- 1st International Online Research Methodology Workshop in Humanities and Social Sciences organized by Centre for Diaspora Studies in Collaboration with Dept. of English and Technical Events Cell, Parul University, Vadodara India and Dept. of Law, University of Raparin, Ranya, Iraq India during 13 – 24 December 2021).
- International Webinar on “Sir Anerood Jugnauth- A Legend of Indian Diaspora (A tribute to Alumni Diaspora Studies)” on September 25, 2021 organised by Centre for Diaspora Studies _Alumni Nodal Cell

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

- Sunita Patel, School of Life Sciences awarded INSA Visiting Scientist award, May 2021.
- R. Vasita, School of Life Sciences, SERB Technology Translation Award (SERB-TETRA)-2021 by SERB, DST, Government of India, 2022.
- Sunita Patel, School of Life Sciences, First Position for presenting a paper at the GUJCOST sponsored National virtual seminar on “Nanotechnology: Chemistry and Biology at the Interface of 21st century, March 2022.
- Sunita Patel, School of Life Sciences, Best poster presentation award for presenting a paper at 15th International symposium on recent trends in cancer prevention and interception – Bench to Bedside, February 2022.
- Dr. Shrish Kumar Tiwari, School of National Security Studies awarded patent for System and Method for Online Marketing recommendation using Internet of Things (IoT) sensor-based product availability in retail environment, 2021-22.
- Mr. Parshuram Sahoo (Ph.D. Research Scholar, Centre for Security Studies), First Prize in All India Competition Field Marshal Sam Manekshaw National Essay Competition on India's National Security, Centre for Land Warfare Studies, RPSO Complex, Army Cantt. New Delhi.
- Behara Murari and Agrawal Sarita awarded 3rd prize in Paper Presentation entitled “Examining the Emerging Nature and Trends of Agriculture in The State of Odisha: An Inter-Regional Analysis in Odisha” joint paper presented at 7th International Youth Symposium held on January 28, 2022 Organized by B. K. School of Professional and Management Studies, Gujarat University, Ahmedabad.
- Dr. Sajaudeen Nijamodeen Chapparban, Awarded the Schusterman Center's Summer Institute fellowship for Israel Studies 2021-22 to for the period June 29 - July 10, 2022, at Brandies University, Waltham, MA, USA, and between 11 – 21 July 2022 in Israel.

Academic collaboration and MoUs signed by the schools

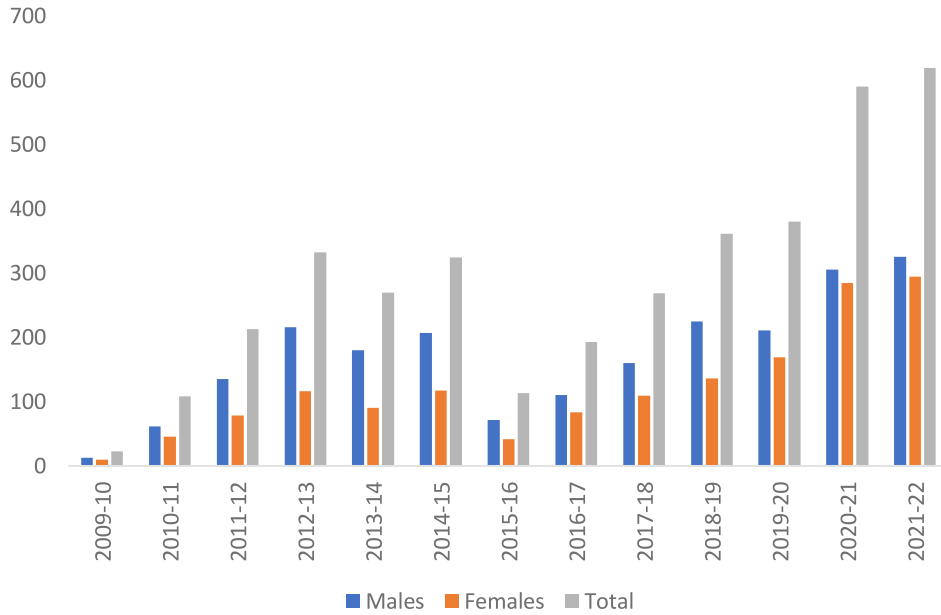
- MoU (memorandum of understanding) Signed between School of Education, CUG and Mahatma Gandhi Central University on August 26, 2021.
- School of International Studies signed MoU with Centre for Land Warfare Studies (CLAWS), New Delhi on range of academic collaborations on fields of mutual interest. It includes joint collaborations in terms of publications, seminars/webinars/workshops and events of similar sort, and on a fellow exchange programme for furthering mutual interests of both the institutions.
- School of Applied Material Sciences signed MOU with Nirma University, Ahmedabad
- School of Applied Material Sciences signed MOU with Susen Medicamentos Pvt.Ltd.

Guest lectures in the Centre/School

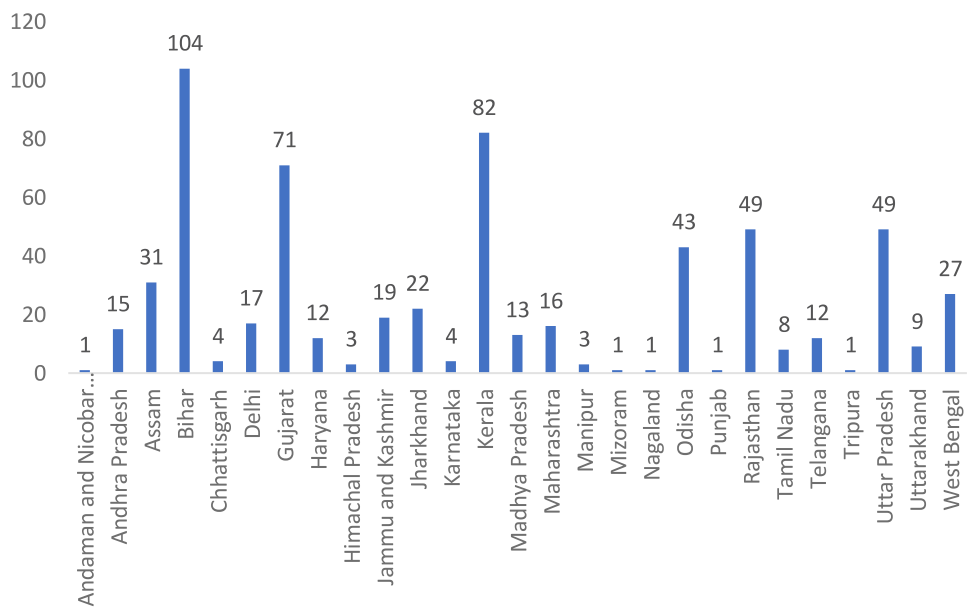
- Dr. Bharat Pandya, Associate Professor, Department of Gujarati, The M. S. University, Baroda. Lecture on 'Bhasha Adgyayan ni Parmpara' October 10, 2021 at Centre for Gujarati Language and Literature, SLL&CS
- Dr. Prashant Patel, Associate Professor, Department of Gujarati, Children's University, Gandhinagar. Lecture on 'Maanv Samaj ma Bhasha nu Sthan'. October 10, 2021 at Centre for Gujarati Language and Literature, SLL&CS.
- Dr. Niyati Antani, Assistant Professor, Department of Gujarati, Gujarat College, Ahmedabad. Lecture on 'Kavi Kant krut Purvalap.' February 02, 2022 at Centre for Gujarati Language and Literature, SLL&CS.
- Dr. Vijay Patel Associate Professor, Department of Gujarati, Municipal Arts College, Mahesana. Lecture on 'Shakespeare's Othello' February 05, 2022 at Centre for Gujarati Language and Literature, SLL&CS.
- Dr. Kavita Pandya, Assistant Professor, Department of Gujarati, SNDT University, Mumbai. Lecture on 'Chinu Modi's Aurangzeb'. February 07, 2022 at Centre for Gujarati Language and Literature, SLL&CS.
- Dr. Sameer Bhatt, Associate Professor, Department of Gujarati. Lecture on 'Shitanshu Yashschandra's JatayuI'. February 07, 2022 at Centre for Gujarati Language and Literature, SLL&CS.
- Dr. Sukhdev Mishra, Scientist D, National Institute of Occupational Health Ahmedabad, Biostatistics, 7-8 December 2021 at School of Life Sciences.
- Dr. Sukhdev Mishra, Scientist D, National Institute of Occupational Health Ahmedabad, Biostatistics, 11 December 2021 at School of Life Sciences.
- Dr. Sukhdev Mishra, Scientist D, National Institute of Occupational Health Ahmedabad, Biostatistics, 13-14 December 2021 at School of Life Sciences.
- Dr. S.C. Roy, Associate professor, Department of Physics, Indian Institute of Technology Madras, Chennai delivered an expert lecture on "Electron microscopy and its use in nanomaterials research" on 19.07. 2021, school of Nano Sciences.
- Dr. K.M. Tripathi, Ramalingaswami Faculty/Assistant Professor, Indian Institute of Petroleum and Energy, Visakhapatnam, Andhra Pradesh delivered an expert lecture on "Transition of waste material and biomass to renewable energy and health care technologies" on 07.12.2021, school of Nano Sciences.
- Dr. Alok Srivastava, Professor Panjab University, A public lecture on "Energy Storage Systems: Challenges before Material Scientists" School Chemical Sciences on December 15, 2021.
- Dr. Jignesh B. Patel, Invited lecture on "Role of Specialized Universities: ECCE", on June 15, 2021, School of Education.
- Dr. Maunas Thaker: Invited lecture on "Latest Trends: Relationship of Education with Social Sciences and Languages" on June 17, 2021 School of Education.
- Dr. Rupen Parmar: Online Guest lecture on "School System in Canada and Career Opportunities", July 3, 2021, School of Education.

- Mr. Ejaj, Mr. Yogesh Kumar, Mr. Jeevan Kumar Sahoo, & Mr. Sandeep Dutta: Online Session on “Teacher Selection and Recruitment in secondary and higher secondary schools”, September 25, 2021, School of Education.
- Dr. Elizabeth Robin Invited Lecture on Resume Writing on January 13, 2022, School of Education.
- Dr. Darsheel Baxi Invited Lecture on Genesis of Academic Writing on January 13, 2022, School of Education.
- Dr. Sudhir Tandel Invited Lecture on Academic Writing on January 17, 2022, School of Education.
- Dr. Jyotsna Amin Invited Lecture on Academic Writing January 22, 2022, School of Education.
- Dr. Vipul Solanki Invited Lecture on Communication and Expository writing March 4, 2022, School of Education.
- Dr. Gargi Kaul, IAAS (Retd.), India's Defense Planning and Budgeting June 11, 2021, School of National Security Studies.
- Dr. Gargi Kaul, IAAS (Retd.), Defense Procurement Policy and Process. June 24, 2021, School of National Security Studies.
- Dr. Gargi Kaul, IAAS (Retd.), India's Defense Production and it's Challenges. July 5, 2021, School of National Security Studies.
- Dr. Gargi Kaul, IAAS (Retd.), Trend Analyses of India's Defense Expenditure Since 1947. July 15, 2021, School of National Security Studies.
- Mr. Utkal Tripathy, Career Opportunities in Corporate Sector for Security Studies Graduates. October 9, 2021, School of National Security Studies.
- Dr. Muktesh Chander, IPS, online distinguished lecture on Information Security: Issues and Emerging Challenges. December 2, 2021, School of National Security Studies.
- Dr. S.C. Roy, Associate professor, Department of Physics, Indian Institute of Technology Madras, Chennai delivered an expert lecture on "Electron microscopy and its use in nanomaterials research" on July 19, 2021, School Nano science.
- Dr. K.M. Tripathi, Ramalingaswami Faculty, Indian Institute of Petroleum and Energy, Visakhapatnam, Andhra Pradesh delivered an expert lecture on "Transition of waste material and biomass to renewable energy and health care technologies" on July 07, 2021, School Nano science.
- Dr. Namrata, Assistant Professor, Humanities Department, Maulana Azad National Institute of Technology (MANIT), Bhopal, delivered a lecture on "Use of SPSS in Social Sciences Research: A Quantitative Approach" to PhD students in Research Methodology-I (STI-651) course on February 8, 2022, Centre for Studies in Science, Technology and Innovation Policy, School of Social Science.

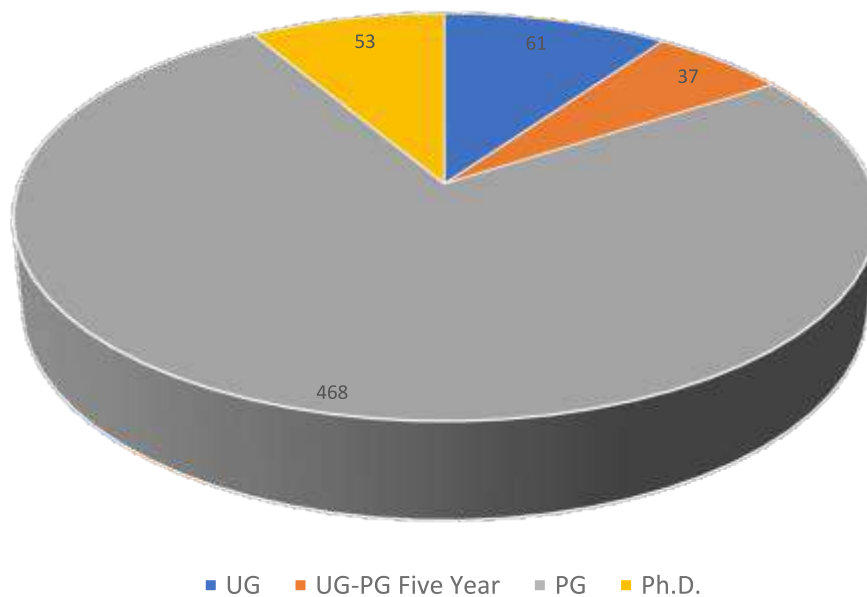
Admissions in Central University of Gujarat(no.)



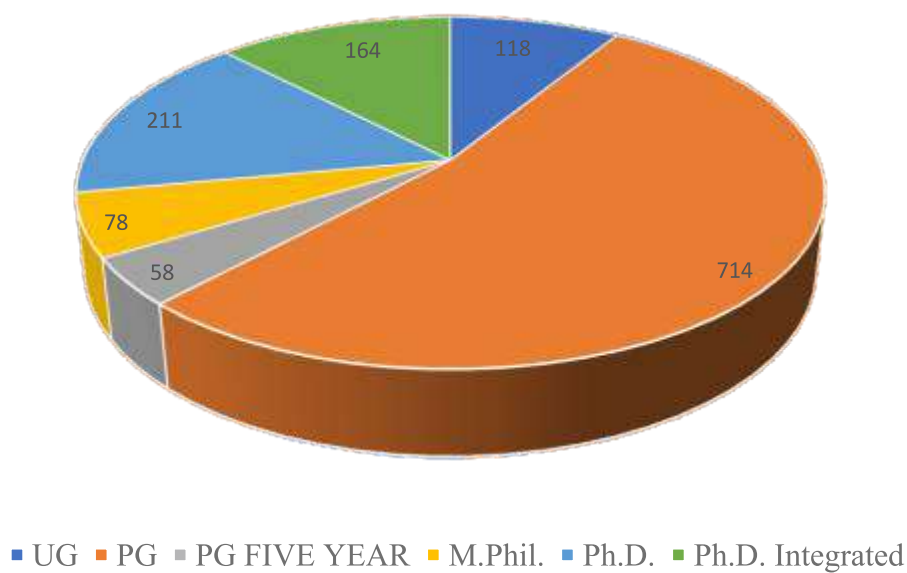
State Wise Admission 2021-22(No.)



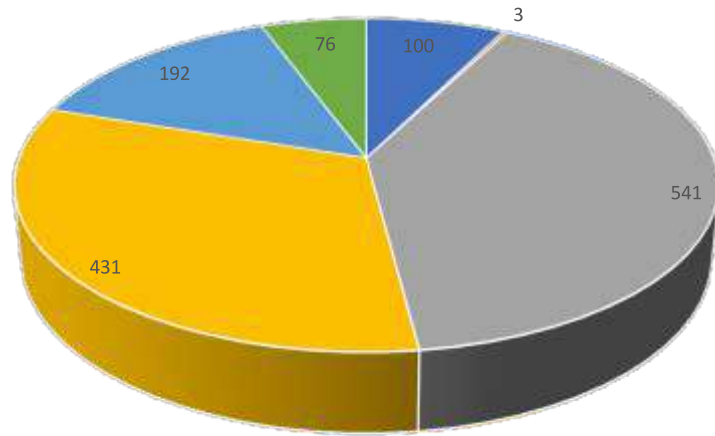
Programmewise admissions during 2021-22 (no.)



programmewise total students during 2021-22(no.)



Categorywise total students during 2021-22(no.)



■ EWS ■ Foreign Student ■ General ■ OBC (Non Creamy Layer) ■ SC ■ ST

Category wise percentage Distribution of Students admitted during 2021-22

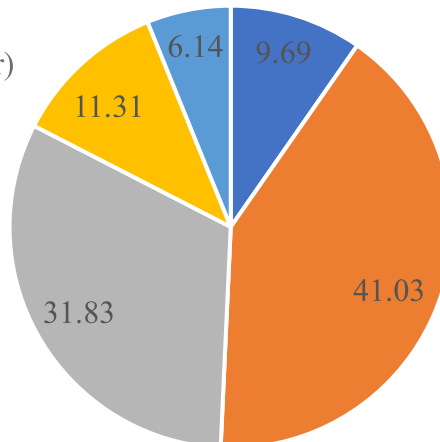
■ EWS

■ GENERAL (UR)

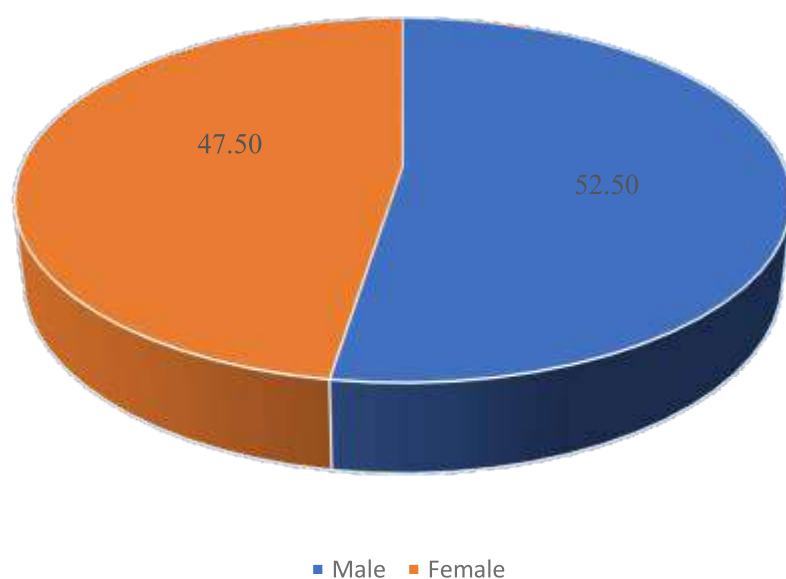
■ OBC (Non Creamy Layer)

■ SC

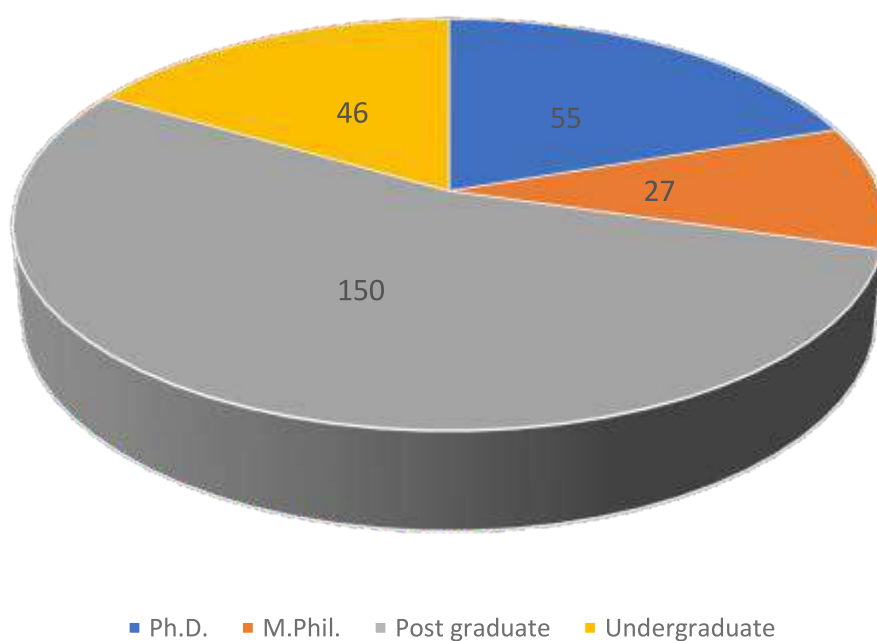
■ ST



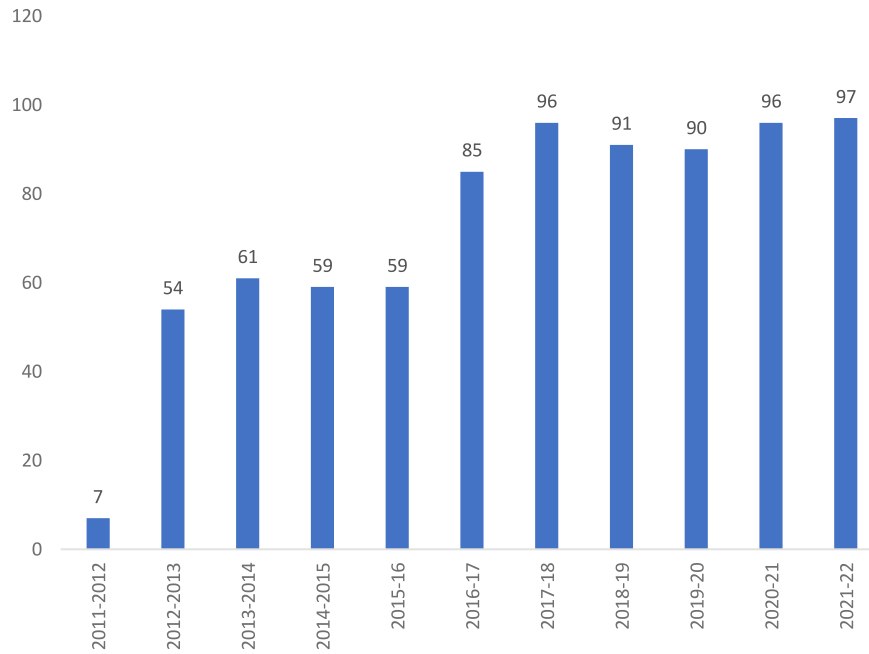
Gender wise percentage Distribution of Students admitted during 2021-22



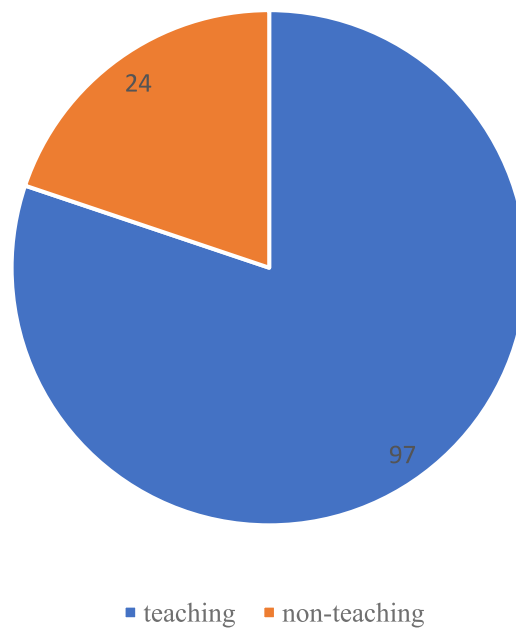
Degrees awarded during 2021-22



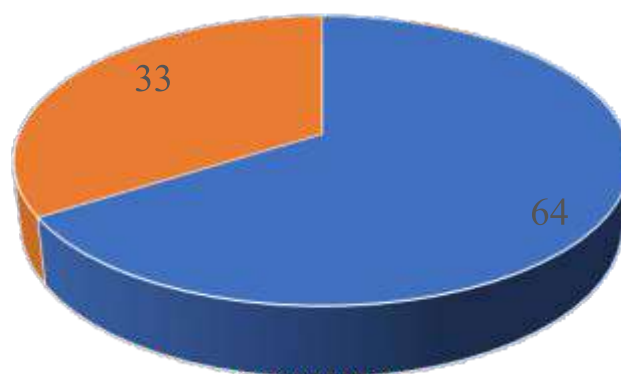
Growth of Faculty in CUG



Ratio of teaching and administrative staff in CUG

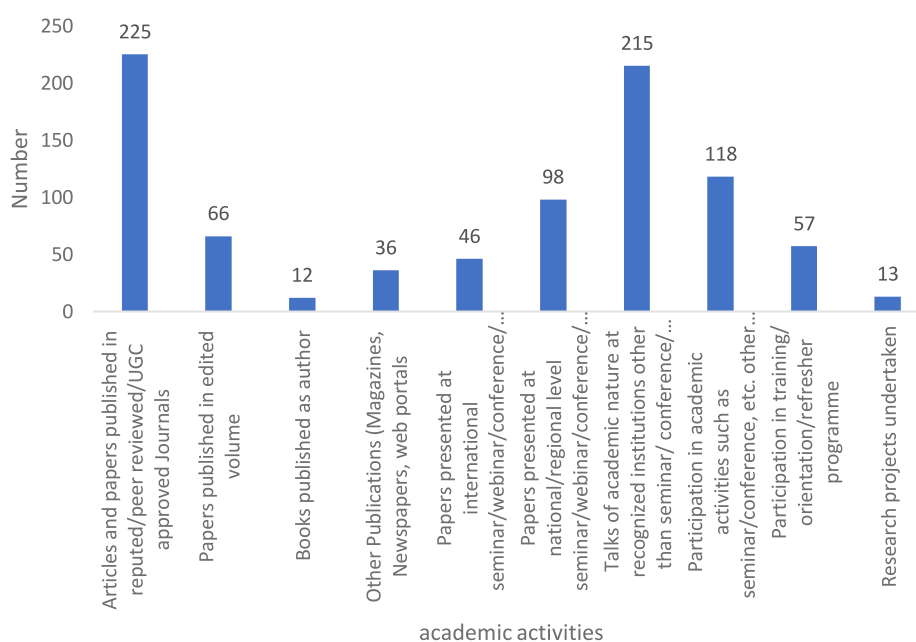


Genderwise distribution of teaching staff

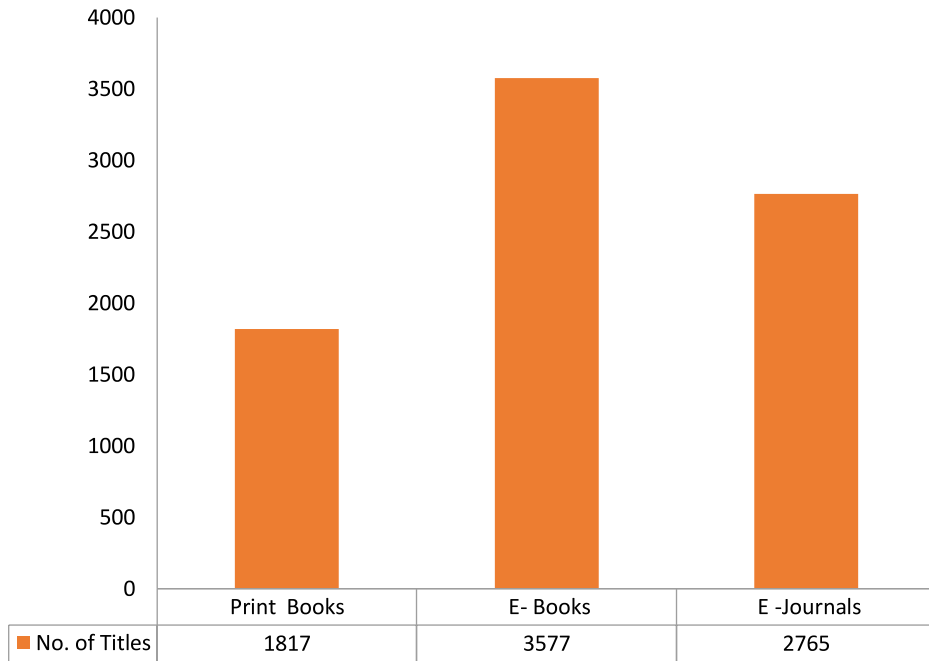


■ Males ■ Females

Academic activities of the Teaching staff



Library Aqisition (2021-22)



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 center to provide inputs in industrial requirements and enhance the skill of students.

Programs offered

M.Sc. Industrial Chemistry

Ph.D. in Applied Chemistry

Faculties at the School level

Prof. Prakash C Jha

Area of interest: Multiscale Modelling from Molecules to Materials. Computational approach to drug designing and rational approach to catalyst design for energy materials.

Dr. Raju Chowhan

Area of interest: Multi-disciplinary research programs including total synthesis of bioactive molecules, the design of novel methodologies, and catalytic asymmetric reactions.

Dr. Eeshwaraiah Begari

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

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

- 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, <https://www.sciencedirect.com/>.
- 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, <https://link.springer.com>
- Vora J, Athar M, Sinha S, Jha PC, Shrivastava N, 2021, Current HIV Binding Insight of Anti-HIV Phytocompounds with Prime Targets of HIV: A Molecular Dynamics Simulation Analysis, <https://pubmed.ncbi.nlm.nih.gov/>
- Panchal, M., Kongor, A., Athar, M., (...), Jha, P.C., Jain, V.K., J. Mol. Liquids, 2021, Structural motifs of oxacalix[4]arene for molecular recognition of nitroaromatic explosives: Experimental and computational investigations of host-guest complex,

<https://www.sciencedirect.com/>

- Kediya, S., Manhas, A., Jha, P.C., 2021, DFT/TD-DFT Based Study to Decipher the Proton Transfer Process in Anion Sensing Mechanism of NTS Molecule, *Chemistry Select*, <https://chemistry-europe.onlinelibrary.wiley.com/>
- Vora, J., Patel, S., Athar, M. T. Chabaria, Jha, P.C., Shrivastava, N., 2021, Pharmacophore modeling, molecular docking and molecular dynamics simulation for screening and identifying phytocompounds, anti-dengue, *Journal of Biomolecular Structure and Dynamics*, 2021, <https://pubmed.ncbi.nlm.nih.gov/>
- Suman, P., Lone, M.Y., Janardan, S., Jha, P. C., Sivaramakrishna, A., Clayton, H.S., 2021, Studies on stability and structural aspects of hydrazide-based hypercoordinate silicon(IV) complexes, *Journal of Coordination Chemistry*, <https://www.tandfonline.com/>
- Sahiba, N., Agarwal, D.K., Manhas, A., (...), Jha, P.C. Agarwal, 2021, Mechanochemical Approach for the Selective Synthesis of 1,2-Disubstituted Benzimidazoles and Their Molecular Docking Studies, *S. Polycyclic Aromatic Compounds*, <https://www.tandfonline.com/>
- B. B. Pavankumar, Prabodh Ranjan, Prakash C. Jha and Akella Sivaramakrishna, *Analyst*, 2021, New simple molecular fluorescent probes for rapid and highly selective sensing of hydrazine by aggregate-induced emission, <https://pubs.rsc.org/>
- Dinesh K. Agarwal Ayushi Sethiya Pankaj Teli Anu Manhas Jay Soni Nusrat Sahiba Prakash C. Jha Shikha Agarwal Pradeep K., 2021, Click chemistry-inspired design, synthesis, and molecular docking studies of biscoumarin derivatives using carbon-based acid catalyst, *Journal of Heterocyclic Chemistry*, <https://onlinelibrary.wiley.com/>
- Suman, P., Bhat, H.R., Janardan, S., Jha, P.C., Sivaramakrishna, 2021, New Hydrazide based Tricyclic Pentacoordinate Siliconium Ions –A Facile Route to the Synthesis of Spherical Shaped $\text{Sr}_5(\text{PO}_4)_2\text{SiO}_4$, *A Journal of Applied organometallic chemistry*, 2021, <https://onlinelibrary.wiley.com/>
- Sethiya, A., Teli, P., Manhas, A., (...), Jha, P., Agarwal, S. 2021, Carbon- SO_3H : An efficient catalyst for the synthesis of biscoumarin under ambient reaction conditions and their in-silico studies, *Synthetic communications*, 2021, <https://www.tandfonline.com/>, 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, *Kongor, Catalysis letters*, 2021, <https://link.springer.com>
- Sannapaneni Janardan, A. S. Vijai Anand, Pothini Suman, Mohsin Y. Lone, Prakash C. Jha C. V. S. Brahmmananda Rao & Akella Sivaramakrishna, 2021, Facile Reduction of Phosphine Oxides by O-Silylated Hydrazide Supported Hydrosilanes, *Silicon*, <https://link.springer.com/>.
- Anu Manhas, Sujeet Kumar & Prakash C. Jha, 2021, Identification of the natural compound inhibitors against *Plasmodium falciparum* plasmepsin-II via common feature based screening and molecular dynamics simulations, *JBSD*, <https://www.tandfonline.com/>
- 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*, <https://www.sciencedirect.com/>

- M Vora, A Kongor, M Panchal, M Athar, A Verma, F Panjwani, PC Jha ,2021, A highly selective anthraquinone appended oxacalixarene receptor for fluorescent ICT sensing of F⁻ ions: an experimental and computational study", Journal of Chemical Sciences, <https://link.springer.com/>
- B. Borah, K. D. Dwivedi, L. Raju Chowhan. ,2021, Applications of Pyrazolone in multicomponent reactions for the synthesis of dihydropyrano[2,3-c]pyrazoles and spiro-pyrano[2,3-c]pyrazoles in the aqueous medium. Arkivoc, i, 273-328. DOI: 10.24820/ark.5550190.p011.481.
- B. Borah, K. D. Dwivedi, L. Raju Chowhan.,2021, Recent approaches in the organocatalytic synthesis of pyrroles. RSC Advances, 11, 13585-1360. (Selected for the RSC Advances 10th Anniversary collection focusing on Sustainable synthesis).
- Biplob Borah, Kartikey Dhar Dwivedi and L. Raju Chowhan,2021, Review on Synthesis and Medicinal Application of Dihydropyrano[3,2-b] pyrans and Spiro-pyrano[3,2-b] pyrans by Employing the Reactivity of 5-hydroxy-2-(hydroxymethyl)-4H-pyran-4-one. Polycyclic Aromatic Compounds, DOI:10.1080/10406638.2021.1962923
- Bhupender Kumar, Marri Sameer Reddy, Kartikey Dhar Dwivedi, Amarjeet Dahiya, J. Nagendra Babu, L. Raju Chowhan ,2021, Synthesis of In-situ Immobilized Iron Oxide Nanoparticles (Fe₃O₄) on Microcrystalline Cellulose: Ecofriendly and Recyclable Catalyst for Michael Addition. Applied Organometallic Chemistry, DOI: 10.1002/aoc.6455.
- Biplob Borah, Kartikey Dhar Dwivedi, L. Raju Chowhan, 2021, Recent advances in the metal- and organocatalyzed asymmetric functionalization of pyrroles, Asian Journal of Organic Chemistry. 10, 2709-2762.
- Kartikey Dhar Dwivedi, Bhupender Kumar, Marri Sameer Reddy, Biplob Borah, J. Nagendra Babu, and L. Raju Chowhan, 2021, Acetyl oxime/Azirine 1, 3-Dipole and strategy for Regio-selective Synthesis of Polysubstituted Pyrroles via [3+2] Cycloaddition with Alkyne Utilizing Fe₂O₃@cellulose Catalyst. Results in Chemistry, 3, 100201.
- Biplob Borah, Kartikey Dhar Dwivedi, L. Raju Chowhan ,2021, 4-hydroxycoumarin: A versatile substrate for the transition-metal-free multicomponent synthesis of bioactive heterocycles Asian Journal of Organic Chemistry. 10, 3101-3126.
- Biplob Borah, L. Raju Chowhan, 2021 Recent advances in the transition-metal-free synthesis of Quinoxalines. RSC Advances, 11, 37325-37353.
- Shanta Raj Lakshmi, Vipin Singh, L. Raju Chowhan ,2021, Efficient Conjugate Addition of 3-Methyl-5-Pyrazolones to Chalcones in Water Extract Rice Straw Ash (WERSA), Chemistry B, 60B, Accepted.
- Vipin Singh, Shanta Raj Lakshmi, L. Raju Chowhan , 2022 Graphene Oxide Catalysed Synthesis of Fused Chromeno Spiro Pyrrolidine Oxindoles via Tandem Decarboxylation and 1,3 Dipolar Cycloaddition, Frontiers in Chemistry, 9, 759436. DOI: 10.3389/fchem.2021.759436.
- Biplob Borah, Kartikey Dhar Dwivedi, Bhupender Kumar, L. Raju Chowhan.,2022, Recent advances in the microwave- and ultrasound-assisted green synthesis of coumarin-heterocycles., Arabian Journal of Chemistry, 15, 103654.
- Noah T. Haskin, Richard A. Guingrich, Allison J. Schrader, Matthew R. Crosse, Alpa Y. Dave, Eeshwaraiah Begari, Ram S. Mohan, Bismuth (III) Chloride Catalyzed

Multicomponent Synthesis of Substituted Hexahydroimidazo [1, 2-a] Pyridines, Green and Sustainable Chemistry, 2021, www.scirp.org/journal/paperinformation

- Alpa Y. Dave, Kokila A. Parmar, Eeshwaraiah Begari, Deepkumar S. Joshi ,2021, Synthesis and Biological Evaluation of Oxadiazole Clubbed Thiadiazole Derivatives as Antimicrobial Agents, Indian Journal of Heterocyclic Chemistry, www.connectjournals.com/toc
- Alpa Y. Dave, Eeshwaraiah Begari, 2021, One-Pot Synthesis of α -Aminonitriles in Water Using Iron (III) Tosylate Hexahydrate ($\text{Fe}(\text{OTs})_3 \cdot 6\text{H}_2\text{O}$) as a Green Catalyst, Chemistry Select, <https://chemistry-europe.onlinelibrary.wiley.com/doi>

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

- Prof. Prakash C Jha as a Resource person on Research and Scientific Writing, 25 and 26 February 2022, State Level Conference, Department of Chemistry, Government Science

Participation in training/ orientation/refresher programme

- Dr. Raju Chowhan Participated in Online Management Development Programme on Public Procurement (Basic) on 17th - 20th May, 2021, Conducted by Arun Jaitley National Institute of Financial Management Faridabad

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

Prof. Prakash C Jha

- Dean, SAMS
- Chairperson -School Board of Studies, SAMS
- Chairman- Committee for Advance Studies and Research, SAMS
- Chairman -Committee for Departmental Academic Integrity Panel, SAMS
- Member- Fourth Academic Council of Central University of Gujarat, CUG
- Member - Fourth Executive Council of Central University of Gujarat
- Member-Admission Committee, CUG
- Coordinator -Placement Cell, CUG

Dr. Raju Chowhan

- SWAYAM coordinator for SAMS
- Nodal Officer for Alumni of SAMS
- Purchase officer of SAMS
- Member of CASR and BOS
- Member of CIF committee
- In charge for LCMS.

School of Chemical Sciences

About the School

The School of Chemical Sciences (SCS) is a unique learning center 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 following areas: 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, nanochemistry, 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.

Program Offered

M.Sc. in Chemical Sciences

Ph.D. in Chemical Sciences

Six-month certificate course in Analytical Technique for Visually Challenged (ATVC)

Faculties at the School level

Prof. Man Singh, Professor

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

Prof. Dinesh Kumar, Professor & Dean

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 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

- Shukla, V., & Singh, M. (2022). Room temperature luminescence and ferromagnetism from transition metal ions: Mn-, co- and Ni-doped ZnS nanoparticles. *Materials Science and Engineering: B*, 280, 115685. <https://doi.org/10.1016/j.mseb.2022.115685>
- Chandra, A., Malik, P., Singh, S., Roy, A., Sahoo, N., & Singh, M. (2022). Sustainable research methodology for potassium nitrate recovery from seawater. *Chemical Engineering and Processing - Process Intensification*, 174, 108870. <https://doi.org/10.1016/j.cep.2022.108870>

- 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, 14(4), 1407-1419. <https://doi.org/10.1007/s12633-020-00913-4>
- Ravi, R. K., Singh, M., & Fulekar, M. H. (2021). Bioconversion dynamics for bioremediation of chlorpyrifos pesticide using bacterial consortia in two immiscible liquid phase partitioning bioreactor. Biomass Conversion and Biorefinery. <https://doi.org/10.1007/s13399-021-01695-4>
- 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>
- Chetty, R., Pandya, S. R., & Singh, M. (2020). Physicochemical interaction of cerium oxide nanoparticles with simulated biofluids, hemoglobin, insulin, and ds-DNA at 310.15 K. New Journal of Chemistry, 44(5), 1825-1845. <https://doi.org/10.1039/c9nj04155a>
- Inwati, G. K., Kumar, P., Singh, M., Yadav, V. K., Kumar, A., Soma, V. R., & Swart, H. (2021). Study of photoluminescence and nonlinear optical behaviour of AgCu nanoparticles for nanophotonics. Nano-Structures & Nano-Objects, 28, 100807. <https://doi.org/10.1016/j.nanoso.2021.100807>
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- M'chaar, R., Ouerfelli, N., Ammar, M. K., Hafez, B., Singh, M., Messaâdi, A., Elmsellem, H., & Arslan, H. (2021). Surface tension and viscosity–temperature dependence and mutual causal correlation in tin-silver alloys. Surfaces and Interfaces, 26, 101444. <https://doi.org/10.1016/j.surfin.2021.101444>
- Rajpurohit, N. A., Bhakar, K., Nemiwal, M., & Kumar, D. (2022). Design and synthesis of hybrid nanostructures for sustainable energy and environmental remediation. Arabian Journal of Geosciences, 15(2). <https://doi.org/10.1007/s12517-022-09456-x>
- Abbas, Z., Nemiwal, M., Dhillon, A., & Kumar, D. (2022). Use of biogenic NiONPs as nanocatalyst in kumada-corrui coupling reaction. Inorganic and Nano-Metal Chemistry, 1-8. <https://doi.org/10.1080/24701556.2021.2025075>
- Nemiwal, M., Zhang, T. C., & 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>
- Kumari, S., Sharma, K. S., Nemiwal, M., Khan, S., & Kumar, D. (2021). Simultaneous detection of aqueous aluminum(III) and chromium(III) using *Persea americana* reduced and capped silver nanoparticles. International Journal of Phytoremediation, 1-14. <https://doi.org/10.1080/15226514.2021.1977911>
- Raghav, S., Jain, P., & Kumar, D. (2022). Assembly of cerium impregnated pectin/silica–gel biopolymeric material for effective utilization for fluoride adsorption studies. Materials Today: Proceedings, 50, 273-281. <https://doi.org/10.1016/j.matpr.2021.06.327>

- Al-Enizi, A. M., Ubaidullah, M., & 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., & 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., Zhang, T. C., & Kumar, D. (2021). Graphene-based electrocatalysts: Hydrogen evolution reactions and overall water splitting. *International Journal of Hydrogen Energy*, 46(41), 21401-21418. <https://doi.org/10.1016/j.ijhydene.2021.04.008>
- Ghanghas, P., Choudhary, A., Kumar, D., & Poonia, K. (2021). Coordination metal complexes with Schiff bases: Useful pharmacophores with comprehensive biological applications. *Inorganic Chemistry Communications*, 130, 108710. <https://doi.org/10.1016/j.inoche.2021.108710>
- Sharma, V., Nemiwal, M., & Kumar, D. (2022). Catalytic applications of recent and improved covalent organic frameworks. *Mini-Reviews in Organic Chemistry*, 19. <https://doi.org/10.2174/1570193x19666220105144523>
- Joshi, P., Nemiwal, M., Al-Kahtani, A. A., Ubaidullah, M., & Kumar, D. (2021). Biogenic AgNPs for the non-cross-linking detection of aluminum in aqueous systems. *Journal of King Saud University - Science*, 33(6), 101527. <https://doi.org/10.1016/j.jksus.2021.101527>
- Nemiwal, M., Zhang, T. C., & Kumar, D. (2021). Pectin modified metal nanoparticles and their application in property modification of biosensors. *Carbohydrate Polymer Technologies and Applications*, 2, 100164. <https://doi.org/10.1016/j.carpta.2021.100164>
- Jindal, H., Kumar, D., Sillanpaa, M., & Nemiwal, M. (2021). Current progress in polymeric graphitic carbon nitride-based photocatalysts for dye degradation. *Inorganic Chemistry Communications*, 131, 108786. <https://doi.org/10.1016/j.inoche.2021.108786>
- Bhamboo, P., Bera, S., & Mondal, D. (2021). TiCl₄-Promoted asymmetric Aldol reaction of Oxazolidinones and its sulphur-congeners for natural product synthesis. *Asian Journal of Organic Chemistry*, 10(11), 2763-2819. <https://doi.org/10.1002/ajoc.202100432>
- Nemiwal, M., Gosu, V., Zhang, T. C., & Kumar, D. (2021). Metal organic frameworks as electrocatalysts: Hydrogen evolution reactions and overall water splitting. *International Journal of Hydrogen Energy*, 46(17), 10216-10238. <https://doi.org/10.1016/j.ijhydene.2020.12.146>

Papers published in edited volume

- Ferres, K. (2001). Idiot box: Television, urban myths and ethical scenarios. In I. Craven (Ed.), *Australian cinema in the 1990s* (pp. 175-188). Frank Cass.
- Patel, K., Shah, S. K., & Prabhakaran, P. (2021). Aggregation-induced emission materials for protein fibrils imaging. *Progress in Molecular Biology and Translational Science*, 113-136. <https://doi.org/10.1016/bs.pmbts.2021.06.011>

Books published as author

- Kumar, D. (2021). *Nanocellulose and its composites for water treatment applications*. CRC Press. *Metalized Nanocellulose composites as a feasible material for membrane supports:*

Design and applications for water treatment. (n.d.). <https://doi.org/10.1021/acs.est.6b05955.s001>

Other Publications (Magazines, Newspapers, web portals)

- Griffis, D. (2019, November 21). In traditional language, there is no word for disability. The Guardian. <https://www.theguardian.com/commentisfree/2019/nov/21/in-traditional-language-there-is-no-word-for-disability>
- Ankita Dhillon, Meena Nemiwal, Dinesh Kumar, Recent Development in Nanomaterials: Industrial Scale Fabrication and Applications, Uma Shankar, Manvari Rani (Eds.), eISBN: 9781003091486, CRC press, Ch.2, pp. 18-41, 2022.
- Naresh A. Rajpuhohit, Kaushalya Bhakar, Meena Nemiwal, and Dinesh Kumar, Chemistry and Technology of Waterborne Polyurethanes, CRC Press, Taylor & Francis Group, Ram K. Gupta and Ajay Kumar Mishra (Eds.), ISBN: 978-1-032-00286-6, DOI: 10.1201/9781003173526-2, Ch. 2, pp17-30, 2022.
- Meena Nemiwal, Vijayalakshmi Gosu, Ankita Dhillon, and Dinesh Kumar, Environmental Applications of Metal–Organic Frameworks: Recent Advances and Challenges, ACS Symposium Series, Smita S. Kumar, Pooja Ghosh, and Lakhveer Singh, (Eds.), ISBN13: , DOI: 10.1021/bk-2021-1394.ch012, pp. 299-318, 2021.
- Niharika Singh, Ankita Dhillon, Meena Nemiwal, and Dinesh Kumar, Metal–Organic Frameworks for Water Decontamination and Reuse: A Dig at Heavy Metal Ions and Organic Toxins, ACS Symposium Series, Pooja Ghosh, Smita S. Kumar, and Lakhveer Singh, (Eds.), ISBN13: , DOI: 10.1021/bk-2021-1395.ch004. pp. 77-124, 2021.
- Ankita Dhillon, Dinesh Kumar, Biopolymeric Nanomaterials: Water Purification, Elsevier, Shamsher Kanwar, Ashok Kumar, Tuan Anh Nguyen, Swati Sharma, Yassine Slimani (Eds.), ISBN: 978-0-12-824364-0, <https://doi.org/10.1016/B978-0-12-824364-0.00018-6> pp407-412, 2021.
- Rekha Sharma, Sapna Nehra, Dinesh Kumar, Sources of Active Ingredients for Sustainable Corrosion Inhibitors, Materials Research Forum LLC, USA, Inamuddin, Mohd Imran Ahamed, Mohammad Luqman, Tariq Altalhi, (Eds.), ISBN: 978-1-64490-149-6, <https://doi.org/10.2174/9781644901496-2.ch14>, 107, pp-30-45, 2021.
- Ankita Dhillon, Rekha Sharma, Dinesh Kumar, Removal of Sulfates From Wastewater Wiley-Scrivener Publisher, Inamuddin, Mohd Imran Ahamed, Rajender Boddula, Tauseef Ahmad Rangreez, (Eds.), ISBN: 9781119725237, <https://doi.org/10.1002/9781119725237.ch14>, (May 10, 2021).
- Meena Nemiwal, Ankita Dhillon and Dinesh Kumar, Nanomaterials: Synthesis, Properties, and Societal Applications, NOVA Science Publishers, USA, Mridula Tripathi, Arti Srivastava, Kalpana Awasthi, Eds., ISBN: 978-1-53619-763-1, Chapter 2.
- Rekha Sharma, Sapna Nehra, and Dinesh Kumar, Nanocellulose-Based Materials for the Removal of Inorganic Toxicants CRC Press, Dinesh Kumar (Ed.), pp. 147-159, 2021. ISBN 9780367487331.
- Sapna Nehra, Rekha Sharma, and Dinesh Kumar, Nanocellulose in Sensing Application for Water Purification, CRC Press, Dinesh Kumar (Ed.), pp. 159, 2021. ISBN 9780367487331.
- Kritika S. Sharma, Rekha Sharma, and Dinesh Kumar, State of the Art and Future Perspective of Nanocellulose in Water Treatment, CRC Press, Dinesh Kumar (Ed.), pp. 197, 2021. ISBN 9780367487331.

- Ankita Dhillon, Meena Nemiwal, Dinesh Kumar, Potential of Nanocellulose as a Sustainable Replacement of CNTs in Water Purification Methods, in Water Treatment, CRC Press, Dinesh Kumar (Ed.), pp. 77, 2021. ISBN 9780367487331.
- K Bhakar, M Nemiwal, D Kumar, Potential Differences between Cellulose Nanocrystal, Microfibrillated Cellulose, and Hairy Cellulose Nanocrystalloid in Water Purification in Water Treatment, CRC Press, Dinesh Kumar (Ed.), pp. 63, 2021. ISBN: 9780367487331.

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

- Dinesh Kumar: Delivered lecture Surface Plasmon Resonance: Detection of water toxicants in international conference on Current Global Research Trends in Science & Technology (CGRTST-2022)", Department of Chemistry & Department of Pharmacy, Banasthali Vidyapith on March 26-27, 2022.
- Dinesh Kumar: Delivered lecture on Surface Plasmon Resonance: Detection toxic metal ions in 1st International Conference on Advances in Water Treatment and Management (ICAWTM-22), Gandhinagar, on 25-26 March 2022.
- Dinesh Kumar: Delivered online lecture on Development of plasmonic nanoparticles for ultrasensitive detection in Webinar on Nature Based Low-Cost Solutions for Wastewater Treatment organized by Department of Environmental Sciences, G.B. Pant University of Agriculture and Technology, Pant Nagar, Uttarakhand, on December 28, 2021.
- Dinesh Kumar: Delivered online lecture on Spectral Technique: Detect, Identity, Quantify at Nirankari Baba Gurubachan Singh Memorial College, Sohna (Gurugram) on December 11, 2021.
- Prof. Dinesh Kumar: Delivered online lecture on Trans Effect at Department of Chemistry, Banasthali Vidyapith, Rajasthan on December 05, 2021.
- Dinesh Kumar: Delivered online lecture on Substitution Reactions in Square Planar Complexes at Department of Chemistry, Banasthali Vidyapith, Rajasthan on December 04, 2021.
- Dinesh Kumar: Delivered an online lecture as resource person on Detection And Removal of Aqueous Inorganic Toxicants, at Human Resource Development Centre (HRDC), Dr. H.S. Gour University (A Central University), Sagar M.P. in Online Refresher Course in CHEMISTRY–Chemistry At The Interface With Biology And Material Science: Emerging Frontiers' from 11–25 November 2021 on 13 November 2021.
- Dinesh Kumar: Invited as resource person to deliver talk on Bonding theories of coordination compounds in the UGC Sponsored 2nd Online Refresher Course in Chemistry (16/08/2021 to 29/08/2021) at UGC-HRDC, Gujarat University, Ahmedabad on August 18, 2021.
- Dinesh Kumar: Delivered an invited talk on Assessment and Remediation of Health Hazardous Aqueous Inorganic Toxicants in 2 Days Virtual National Seminar on Emerging Trends in Chemical and Material Science on 22-23 July 2021 at Kadi Sarva Vishwavidyalaya, Gandhinagar on July 22, 2021.
- Dinesh Kumar: Delivered an invited talk on Plasmonic Detection of Aqueous Inorganic Toxicants in International Virtual Conference on Frontiers in Chemical Sciences" (IVCFCS-2021) at Department of Chemistry, MLSU, Udaipur June 25, 2021.

- ## Research projects undertaken

- 98

Research student/s guided

Name	Nature of programme	No. of students guided (registered during 2021-22)
Last Name, First Name Middle Name (if any)		
Singh Man	PhD	04
Kumar Dinesh	PhD	04
Mondal Dhananjay	PhD	03
Lenin D. V.	PhD	02
G. N. Gururaja	PhD	04
Prabhakaran Panchami	PhD	04

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

Prof. Man Singh

- 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

- Dean, SCS
- Nodal officer, CIF, CUG
- Director, RDC

- Member of admission committee
- Member of technical committee of scientific purchase committee
- Member of convocation stage management committee
- Member of CASR of SCS, SNS and SEDS
- Member of committee for submission of report Triptote MOU-CUG, UGC, and MoE
- Convener of School level committee to undertake the AAA exercise
- Member of committee for physical verification of Stock
- Member of Institutional implementation committee for SWAYAM

Dr. Dhananjoy 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 in 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
- Incharge of instruments in CIF: NMR, Single crystal XRD, IR spectroscopy.

Dr Panchami Prabhakaran

- Project Cell, member

School of Education

About the School and Centre

School of Education was established in 2017. It offers M.Ed. and Ph.D. programmes in Education. These programmes aim to equip students with the requisite academic and professional skills and competencies in Education in general and specifically in Teacher Education. The courses offered under the Centre for Studies in Education and Research (CSRE) 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 academia, schools, non-profit organizations (NGOs), government organisations, 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 (PMMMNTT) by the Department of Higher Education, Ministry of Human Resource Development, and Government of India in the academic year 2019-20.

Under this scheme, the school has two Centres:

1. Centre for Policy Research in Education (CPRE)
2. Centre for Professional Development of Teacher Educators (CPDTE)

Faculties at the School level

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.

Prof. Jayendrakumar N. Amin, Professor and Chairperson

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.

Prof. G. R. Angadi, Professor

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

Prof. Rakesh Rai, Professor

Areas of Interests: Educational Philosophy, Educational Research, Teacher Education, Special Education, Educational Psychology, Value Education, Social Science Education

Dr. Y. Vijaya Lakshmi, Assistant Professor

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

Dr. Shamim Aara Hussain, Assistant Professor

Areas of Interests: Science Education, Educational Psychology, Educational Research, Educational Technology

Dr. Shilpa S. Popat, Assistant Professor

Areas of Interests: Educational Research, Holistic Education, ICT, Environmental and Science Education, Educational Measurement and Evaluation, and Entrepreneurship Education.

Dr. J. P. Singh, Assistant Professor

Areas of Interests: Measurement and Evaluation in Education, Research Methods & Data Analysis, Psychology of Learning, Teacher Education.

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

- Patel, H. B., & Sahani, R. S. (2021). Manushya Ki Apexaye Purn Karne ke Liye Vishayvar Vidhyashakha Ki Bhumika (Hindi) International Journal of Research 9(10).
- Parmar, R.N., & Amin J.N. (2021). Effectiveness of Use of Neurolinguistic Approach in Teaching of English Language. International Journal of Research in all Subjects in Multi Languages, 9(10), 35-37.
- Parmar, R.N., & Amin J.N. (2021). Effectiveness of perceptions on English Achievement Test and English Language Achievement of Class IX students. International Journal of Research in all Subjects in Multi Languages. 9(11), 12-14.
- Kumar, Abhishek & Amin, J. N. (2021). Exploring Awareness of Inclusive Education Among Prospective Teachers. RIE Bhopal Journal of Education, 5 (1), 11–21.
- Kumar, Abhishek & Amin, J. N. (2022). Designing the Teaching-Learning Process in Teacher Education Using Open Broadcaster Software: A Literature Review. International Research Journal of Management IT and Social Sciences, 13(1), 131–137.
- Kurabet, R. I., & Angadi, G. R. (2022). Effectiveness of Information and Communication Technology in Learning Science, EduInspire-An International E-Journal, An International Peer Reviewed and Referred Journal, 9(1), 16-24.
- Gorai, J., & Angadi, G. R. (2021). Outcome-Based Learning through Apprenticeship Embedded Degree Programme to Meets the Gap of Employability, Horizons of Holistic Education, 8(2), 110-117.
- Gorai, J., Bhargav, A., & Angadi, G. R. (2021). A Quantum Leap towards Reflective Teaching with National Education Policy 2020, Journal of Research in Education, 9(2), 34-46.
- Nancy Gogia, & Vijaya Lakshmi, Y. (2021). Relationship between Research Supervisor and Doctoral Students. EduInspire -An International E-Journal, 8(1).
- Vijaya Lakshmi, Y. (2021). eLearning Readiness of Higher Education Faculty Members. Indian Journal of Educational Technology, 3(2), 121-138.
- Vijaya Lakshmi, Y. & Jadeja, M. (2021). Effect of Age, Gender, Discipline on E-Learning Readiness of Faculty Members of Higher Education Institutions. Education India Journal, 10 (2).
- Vijaya Lakshmi, Y. & Majid, I. (2022). Chatbots in Education System. University News, 60 (8).
- Hussain, S. A. (2021). Analysis of various educational policies from NEP 1968 to NEP2020 with special reference to examination reforms (Hindi). Journal of Research in Education, 9(1).

- Hussain, S. A., & Mrinalini, J. (2021). Comparative Study of Critical Thinking Ability among Teacher Educators on the basis of Gender, Journal of Emerging Technology and Innovative Research, 8(8).
- Kouser, S. & Popat, S. S. (2022). Early Childhood Care and Development in India. Rajasthali Journal, 1(2), 27-31.

Papers published in edited volume

- Angadi, G. R. (2021). Effect of Leadership Styles on School Climate. In Sumi, S.S., & Geetha, J.V. (Ed.), Glimpses of Leadership Practices in Education (pp.). APH Publishing Corporation, New-Delhi.
- Gorai, J., Mondal, T., & Angadi, G. R. (2021). The Outlook of National Education Policy-2020 on School Teacher Education through the lens of Reflective level of Teaching. In PRAYSU (Ed.), NEP- 2020 Reformation of Indian Education System (pp.137-149). Nexus Publication, Surat, Gujarat.

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

- Karan, B., & Angadi, G. R. “Incorporating Artificial Intelligence (AI) in Teachers' TPACK Knowledge for Effective Pedagogy in School” in International Conference on 'Online Learning and Innovation in Teaching Pedagogy' organised by Centre for Distance and Online Education, Aligarh Muslim University, Aligarh on 30th –31st March 2022
- Gorai, J. & Angadi, G. R. “Embodiment of Apprenticeship Embedded Degree Programme towards Higher Education” in the 2nd Doctoral Thesis International Conference (virtual) on “Social Sciences, Humanities, and Interdisciplinary Research” jointly organized by the IQAC, NEHU, Shillong on 26th February 2022.
- Karan, B., & Angadi, G. R. “Pedagogical Approach of Artificial Intelligence and its Application in School Education: A Review” organized by CELE, Ambedkar University Delhi, was hosted an online International Conference on Applications of AI in Education on 28-29 March 2022, funded by Shastri Indo-Canadian Institute.
- Vijaya Lakshmi, Y. & Majid, I. “Are Higher Education Faculty members ready for eLearning?” at the international conference on 'Education Beyond Face to Face Mode: Opportunities and challenges' organized under the aegis IUCTE, Department of Education and Psychology, The Maharaja Sayajirao University, Vadodara, Gujarat from March 25 – 27, 2021.
- Hussain, S. A., & Singh, V. Bring Your Own Device in Classroom: Effectiveness and Challenges at the conference on Reengineering Responsible Innovation Across Education Spectrum held at Universal Group of Institutions, Mohali (Punjab) February 18 – 19, 2022.
- Hussain, S. A., & Gauri, A. P. Responsible Innovation and National Education Policy 2020 at the conference on Reengineering Responsible Innovation Across Education Spectrum held at Universal Group of Institutions, Mohali (Punjab) February 18 – 19, 2022.
- Hussain, S. A., & Suranjan Kumar, Learning with Technology: A Case Study of Schedule Caste Students of Ambedkar Residential School of Begusarai at the conference on Reengineering Responsible Innovation Across Education Spectrum held at Universal Group of Institutions, Mohali (Punjab) February 18 – 19, 2022.

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

- Patel, H. B. “Smartphone usage as universal design for learning in inclusive education” in national Conference on “Inclusion in Special Education: Recent Trends and Practices” held on February 16, 2022.
- Karan, B & Angadi, G. R. "Integration of Artificial Intelligence in CBSE School Education towards Innovative Teaching and Learning Practices: A Document Analysis in the Researchers", MOSAIC, 2021 organized by the Research Cell, Department of Education, Faculty of Education and Psychology, The Maharaja Sayajirao University of Vadodara, Gujarat from July 17 – 19, 2021.
- Gorai, J., & Angadi, G. R. “Apprenticeship Embedded Degree Programme toward Higher Education: A Conceptual Understanding” in the Two-Day National Seminar on National Initiative for Proficiency in Reading with Understanding and Numeracy (NIPUN Bharat) organized by Centre of Research, Indian Institute of Teacher Education, Gandhinagar collaboratively with ICSSR held on March 21 – 22, 2022.
- Dakpe, O. & Vijaya Lakshmi, Y. “School Readiness and an Overview of its Dimensions” at the Online National Seminar on Education in Information Era: Concerns, Challenges and Innovations held on March 20 – 21, 2021 organized by Children's University, Gandhinagar
- Majid, I., & Vijaya Lakshmi, Y. “Factors to measure eLearning readiness among students” at the Online National Seminar on Education in Information Era: Concerns, Challenges and Innovations held on March 20 – 21, 2021 organized by Children's University, Gandhinagar
- Chakma, C., & Vijaya Lakshmi, Y. “Studies on Spiritual Intelligence: A review” in the Researchers' Mosaic, 2021 organized by the Research Cell, Department of Education, Faculty of Education and Psychology, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat from July 17 – 19, 2021.
- Yadav, H. & Vijaya Lakshmi, Y. “Studies on Happiness: A review” in the Researchers' Mosaic, 2021 organized by the Research Cell, Department of Education, Faculty of Education and Psychology, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat from July 17 – 19, 2021.
- Gogia, N., & Vijaya Lakshmi, Y. “doctoral students' perception on supervisory practices of research supervisors: a review study” in the Researchers' Mosaic, 2021 organized by the Research Cell, Department of Education, Faculty of Education and Psychology, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat from July 17 – 19, 2021.
- Dakpe, O., & Vijaya Lakshmi, Y. “Studies on School Readiness: A Review” in the Researchers' Mosaic, 2021 organized by the Research Cell, Department of Education, Faculty of Education and Psychology, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat from July 17 – 19, 2021.
- Popat, S. S., & Kouser, S. “Information and Communication technology: A Literature Review of its Infrastructure and Application in Higher Education” at national Webinar on education for Better Tomorrow organized by A. G. Teachers Collage Ahmedabad on January 21, 2022.
- Popat, S. S. “Holistic Education in Higher Education: students' Reflections” presented at national Seminar on National Education Policy 2020: Strategies for Implementation organized by Department of Education and Psychology, The Maharaja Sayajirao University, Baroda, Vadodara, Gujarat, India from March 14 – 15, 2022.

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

- Patel, H. B. Resource Person “Predatory Publishers and Journals” to RPE Course work research scholars, PhD”, IITE, Gandhinagar on May 15, 2021.
- Patel, H. B. - Invited as a resource person in online Refresher Course, “Coping Mechanism with Work” organized by UGC-HRDC at Vallabh Vidyanagar, Anand on September 8, 2021.
- Patel, H. B. - Invited as a resource person in online Refresher Course, “Coping Mechanism with Work” organized by UGC-HRDC at Vallabh Vidyanagar, Anand on September 17, 2021.
- Patel, H. B. - Invited as a resource person in FIP program “Understand and appreciate the potential of technology in Teaching Learning Process,” & “Make use of Technology for Assessment and Evaluation Practices” organized by UGC-HRDC Vallabh Vidyanagar, Anand on September 18, 2021.
- Patel, H. B. Delivered session of “Teacher Selection and Recruitment in higher secondary school organized by School of Education, CUG on September 25, 2021.
- Patel, H. B. Invited as a Resource person “Role of Principals in Understanding the Quality Assurance in the School Management System” at MAKAIAS for a Two-Day Interdisciplinary e-Orientation Programme for Principals under CBSE Schools of West Bengal on September 25 – 26, 2021.
- Patel, H.B. Invited as a resource person in topic “5 MCQ base questions” FDP program for administrative staff of universities and colleges, organized by UGC-HRDC, Gujarat University, Ahmedabad on February 28, 2022.
- Amin, J. N. Invited to act as “Resource Person” for 2-credit course on Research and Publication Ethics - Ph.D. Course work for topic “Ethics: definition, moral philosophy, nature of moral judgements and reactions” at IITE, Gandhinagar on May 18, 2021.
- Amin, J. N. Invited to deliver a lecture on topic "Infrastructure: Disruptive Technologies, Role of NETF and Ensuing Equitable Use of Technology" to the participants of the 7 days online workshop on "National Education Policy (NEP-2020): The Way Ahead" at Akal University, Bathinda (Punjab) on September 11, 2021.
- Amin, J. N. rendered his valuable services as a resource person in the UGC Sponsored 1st Online Refresher Course in Quality in Higher Education (06/09/2021 to 19/09/2021) for University and College Professors and developed an e-content in 4-quadrants on 'Virtual reality for education' at UGC-HRDC, Gujarat University, Ahmedabad on September 15, 2021.
- Amin, J. N. Invited as an expert in online faculty development programme on Education to deliver a lecture on 'Virtual Reality of Education' at KCG, Department of Education, Govt. Of Gujarat on October 14, 2021.
- Amin, J. N. Invited as a resource person and delivered one session lecture on January 17, 2022, entitled “Modalities of Implementation of Academic Bank of Credits (ABC) in HEI's” in FDP on Pedagogy and Assessment in Higher Education: NEP 2020 (January 5 – 18, 2022) organized by Department of Education under PMMMMNMTT, Central University of Punjab, Bhatinda.

- Amin, J. N. Invited as a resource person in Refresher Course in Teacher Education (Online) to deliver a lecture on 'Research Trends in Education I & II' at UGC-HRDC in University of Mysore, Mysuru on January 25, 2022.
- Angadi, G. R. “Participants' Seminar Presentations (Session-1 & 2)” UGC-Sponsored 5th Faculty Induction Programme (FIP) for the University and College Teachers from 06.09.2021 to 05.10.2021 (Online), of UGC-HRDC, Bharathidasan University, Tiruchirappalli (TN) on October 2, 2021, Invited Resource Person.
- Angadi, G.R. “National Professional Standards for Teachers (NPST) (Session-1)” 5th Refresher Course in Teacher Educator (Online from January 12 – 25, 2022) of UGC-HRDC, University of Mysore, Mysore on January 17, 2022, Invited Resource Person.
- Angadi, G.R. “National Mission on Mentoring (NMM) (Session-2)” 5th Refresher Course in Teacher Educator (Online from January 12 – 25, 2022) of UGC-HRDC, University of Mysore, Mysore on January 17, 2022, Invited Resource Person.
- Angadi, G.R. “Learning Outcome-based Curriculum Framework (LOCF) (Session-1)” 5th Refresher Course in Teacher Educator (Online from 12th-25th January 2022) of UGC-HRDC, University of Mysore, Mysore on January 24, 2022, Invited Resource Person.
- Angadi, G.R. “Academic Bank of Credits (ABC) (Session-2)” 5th Refresher Course in Teacher Educator (Online from January 12 – 25, 2022) of UGC-HRDC, University of Mysore, Mysore on January 24, 2022, Invited Resource Person.
- Shamim Aara Hussain. Equity and Inclusion: Learning for all, National Level faculty programme on Inclusion, Innovative Education and NEP2020, March 16 – 20, 2022. As an expert.
- Vijaya Lakshmi, Y. Expert lecture in the Faculty Development Programme organized by IITE on October 16, 2021.
- Vijaya Lakshmi, Y. Invited as a Lead Speaker for the for the technical Session on “Management of Resources During Research Work” during Scholars' Mosaic-2021-Annual Young Researchers' Meet held during July 17-19, 2021, organized by Faculty of Education and Psychology, the Maharaja Sayajirao University of Baroda.
- Popat Shilpa S. Invited lecture on Tools and techniques in Research- Concept, Steps in development by IITE, Gandhinagar on February 16, 2022.
- Popat Shilpa S. Expert lecture on Education Policy and Administration at National Level faculty development program organized by Research and Culture Society on March 20, 2022.

Participation in academic activities such as seminar/conference, etc. other than paper presentation

- Patel, H.B. Invited as a guest at IITE to deliver a speech on the topic “Predatory Publishers and Journals” to research scholars pursuing PhD at IITE n May 19, 2021 on 11.00am to 12.00 noon.
- Patel, H.B. Invited as a speaker CDE Programme on “Teaching, Learning & Evaluation” organized by Government Dental College and Hospital, Ahmedabad on March 14, 2022.
- Patel, H.B. Invited as an expert for selection of guest faculty at Mahatma Gandhi International Hindi Vishwavidyalaya on October 24, 2021.

- Patel, H.B. Invited as a Chair in National Webinar Series on Higher Education, Motivational Insights, Preparation of Competitive Exam and Stress Management Guidance organized by Remedial Coaching Cell CUG on March 24, 2022.
- Amin, J. N. Invited as a resource person to a National Seminar on 'Examination Reforms' organized by Department of Education, Children University, Gandhinagar on March 24, 2022.
- Angadi, G. R. Organized (as a Coordinator) 3-Days Online Workshop on “Methodology of Educational Research” School of Education, Central University of Gujarat on 24th-May 26, 2021
- Angadi, G. R. Organized In-house training session (F2F mode) on LMS (Learning Management System) implementation in School of Education on August 16, 2021.
- Angadi, G. R. Attended LMS Demonstration session at INFLIBNET, Gandhinagar on July 15, 2021.
- Angadi, G. R. Participated as Resource Person and delivered a talk on “Reimagining Vocational Education in light of NEP 2020” on 9th Sept. 2021 in 7-Days Online National Level Workshop on “NEP 2020: The Way Ahead” organized by Department of Education, Akal University, Talwandi Sabo held on September 6-12, 2021.
- Angadi, G. R. Participated in One Day International Webinar on 'Reappraising Gandhism after Gandhi in 21st Century' conducted by Section of Sociology, Mahila Maha Vidyalaya, Banaras Hindu University, Varanasi on October 2, 2021.
- Angadi, G. R. Attended Round table discussion on IQAC R & D Cell: Scope and Significance in Universities held on November 12, 2021.
- Angadi, G. R. Attended Virtual National Webinar on "Quality Assurance & Assessment and Teaching Learning Practices in the Post COVID Time” Organized by School of Education (PMMMNMTT) & IQAC, Guru Nanak Dev University, Amritsar, held on February 28, 2022.
- Angadi, G. R. Attended UGC Consultative Workshop on “National Research Internship Programs (NRIP) in Higher Education Institutions (HEIs) in India” Organized by IQAC, CUG on March 12, 2022.
- Angadi, G. R. Invited talk on "Perspectives of Teacher Education in Nurturing the Talents of 21st Century Learners" in the National Seminar Organized by JSS Institute of Education, Sakleshpur (Karnataka) on March 30, 2022.
- Angadi, G. R. participated in a One-day Webinar on “National Education Policy-2020” conducted by UGC-HRDC Guru Nanak Dev University, Amritsar on March 19, 2022
- Rai, R. Chaired of Various Technical Session organized by Dr. Zakir Hussain Teachers' Training College is organizing 54th Annual National Conference Indian Association of Teacher Educators (IATE) 2022 On “National Education Policy 2020: Road Map for Teacher Education” from March 26–28, 2022.
- Hussain, S. A. Construction and Standardization of Teaching Aptitude Test as a subject expert, organized by IITE, Gandhinagar, from February 28, 2022 to March 31, 2022.
- Vijaya Lakshmi Y. As a member in District level Consolation meeting regarding SCF; December 30, 2021.

- Vijaya Lakshmi Y. Construction and Standardization of Teaching Aptitude Test as a subject expert, organized by IITE, Gandhinagar, from February 28, 2022 to March 31, 2022.

Participation in Training/ Orientation/ Refresher programme

- Amin, J. N. Online teacher training on 'Cyber Safety and Security' held by Ministry of Electronics and Information Technology, GoI from July 26 – 31 2021, as a participant.
- Angadi, G. R. Two weeks Interdisciplinary International Refresher Course on “Academic Bank of Credits (ABC) Scheme in Higher Education, UGC Regulation, 2021 (With reference to Blended Learning)” from July 7-20, 2021 and obtained Grade A, organized by Teaching Learning Centre, Ramanujan College University of Delhi, as a Participant.
- Shamim Aara Hussain. 1st Online Refresher Course in Quality in Higher Education from September 6, 2021 to September 19, 2021 by UGC HRDC, Gujarat University, Ahmedabad as a Participant.
- Singh, J. P. One-week short-term course on “Curriculum Development and National Education Policy 2020”, from February 22, 2022 to February 28, 2022 organized by UGC-HRDC, Bhagat Phool Singh Mahila Vishwavidyalaya, Sonipat, as a Participant.
- Vijaya Lakshmi, Y. “Refresher Course in Education” organized by UGC - Human Resource Development Centre, Maulana Azad National Urdu University, Hyderabad from February 7 – 20, 2022, as a Participant.
- Vijaya Lakshmi, Y. MOOCs on Digital Teaching Techniques held during December 1 – 31, 2021 organized by ICAR-NAARM, as a Participant.
- Popat, S. S. 2nd Online Refresher Course on Teacher Education from September 6, 2021 to September 19, 2021 organized by UGC HRDC, Gujarat University, Ahmedabad, as a Participant.

School of Environment and Sustainable Development

About the School

Respect for nature and nourishing it was a part of the culture globally. Sustainability is a long-term concept that needs to be bound with integrity. Environmental sustainability as a state of future should consider climate justice than climate change. The traditions passed on through ancestors teach us the significance of living in nature and respecting through festivals. In changing environment and ecosystem there is an urge to revive and preserve for the future generations.

School of Environment and Sustainable development has been working towards developing technologies to live sustainably in harmony with nature and identifying possibilities to heal the affected part of it through remediation. School is focusing on mentoring the young minds to develop a positive attitude towards the biodiversity and conserve them to balance the ecosystem towards a greener world.

The school organizes various events and conducts expert lectures to provide knowledge in various fields of environments. Through the interactions with specific experts the candidates understand the real situation in different sectors of environment.

The students at various levels are encouraged to participate in various activities that could help them to build a sustainable community as defined by the Sustainable Development Goals. Various recent researchers of the faculty are focused on cleaner environment and conservation strategies through technologies.

Programmes offered

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

Faculties at the Centre level

Prof. Bhawana Pathak, Professor

Area of interest: Plant behavior Ecology; Biodiversity conservation; Environmental Biotechnology/ nanotechnology; climate change

Prof. R. Y. Hiranmai, Professor

Area of interest: Bioremediation, Organic farming, Soil quality monitoring, Vermitechnology

Prof. Pallavi Sharma, Professor

Area of interest: Stress Biology of Plants, Molecular Environmental Biology, Environmental Biochemistry and Biotechnology, Phytoremediation

Dr. Rajesh Singh, Assistant Professor

Area of interest: Biological wastewater treatment with energy recovery, Air Pollution Monitoring

Dr. Paulami Sahu, Assistant Professor

Area of interest: Hydrogeology; Groundwater modelling; Groundwater Management; GIS and Remote Sensing

Dr. Kumari Rina, Assistant Professor

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

Dr. Dheeraj Rathore, Assistant Professor

Area of interest: Ecology, Stress Physiology, Waste utilization

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

- N. Chaudhari and B. Pathak (Feb 2022) Assessment of Floristic Diversity and its Structural Composition in South Gujarat. Indian Journal of Ecology (2022) 49 (1): 64-74 DOI: <https://doi.org/10.55362/IJE/2022/3478>
- Ekta Purswani, Satyam Verma, S. Jayakumar, M.L. Khan, Bhawana Pathak (Dec 2021) Examining and predicting land use change dynamics in Gandhinagar district, Gujarat, India, Journal of Urban Management, <https://doi.org/10.1016/j.jum.2021.09.003>
- Smriti Mehrotra Kiran KumarV., Man mohanK., Bhawana Pathak (Dec 2021) Bioelectrogenesis from ceramic membrane-based algal-microbial fuel cells treating dairy industry wastewater, Sustainable Energy Technologies and Assessments Volume 48, <https://doi.org/10.1016/j.seta.2021.101653>
- Smriti Mehrotra and Bhawana Pathak (2021) Comparative assessment of carbon sequestration potential of sodium bicarbonate supplemented marine and freshwater algae World Review of Science, Technology and Sust. Development, DOI: [10.1504/WRSTSD.2021.10041776](https://doi.org/10.1504/WRSTSD.2021.10041776)
- Asha Humbal, Neha Chaudhary, Supriya Vaise and Bhawana Pathak (July 2021) A Brief Review on Phytochemical and Pharmacological Aspects of Andrographis Paniculata LOJ Pharmacology & Clinical Research (LOJPCR) DOI: [10.32474/LOJPCR.2021.02.000148](https://doi.org/10.32474/LOJPCR.2021.02.000148)
- Viralkunvar Devda, Kashika Chaudhary, Sunita Varjani, Bhawana Pathak, Anil Kumar Patel, Reeta Rani Singhania, Mohammad J. Taherzadeh, Huu Hao Ngo, Jonathan W. C. Wong, Wenshan Guo & Preeti Chaturvedi (June 2021) Recovery of resources from industrial wastewater employing electrochemical technologies: status, advancements and perspectives, Bioengineered, 12:1, 4697-4718, DOI: [10.1080/21655979.2021.1946631](https://doi.org/10.1080/21655979.2021.1946631)
- Singh, R., Misra, A.N. & Sharma, P. (2022). Genome-wide transcriptional response of contrasting genotypes of industrial crop castor to As(V) stress: Identification of genes and mechanisms associated with As(V) tolerance. Industrial Crops and Products. 179(5), 114678. <https://doi.org/10.1016/j.indcrop.2022.114678>
- Khan, E.A., Ahmed, H.M., Misra, M., Sharma, P. & Misra, A.N. (2022) Nitric oxide alleviates photochemical damage induced by cadmium stress in pea seedlings. Phyton, 91(5), 959-973. <https://doi.org/10.32604/phyton.2022.018708>
- Rahul, R. & Sharma, P. (2022) Identification of cadmium tolerant and sensitive genotypes of castor and their contrasting responses to cadmium treatment. Environmental Science and Pollution Research 29 (11), 16052-16065. <https://doi.org/10.1007/s11356-021-16596-2>
- Singh, R., Misra, A.N. & Sharma, P. (2021) Safe, efficient, and economically beneficial remediation of arsenic-contaminated soil: possible strategies for increasing arsenic tolerance and accumulation in non-edible economically important native plants. Environmental Science and Pollution Research 28 (45), 64113-64129. <https://doi.org/10.1007/s11356-021-14507-z>

- Dhar, V., & Singh, R (2021). Impact of partially submersed iron scraps in simultaneously sulfate and nitrate removal using sulfate-reducing bacteria. *Environmental Technology & Innovation* 24, 101823
- Singh, N.K., & Singh, R. (2021). Evaluation of pretreatment potential and hydrogen recovery from lignocellulosic biomass in an anoxic double-staged bioelectrochemical system. *International Journal of Hydrogen Energy*. 46 (79) 39122-39135. <https://doi.org/10.1016/j.ijhydene.2021.09.155>
- Singh, N.K., & Singh, R. (2021). Modeling and statistical analysis of heat-shocked Sulfate-reducers and Methanogens rich consortiums for hydrogen and methane production in a Bio-electrochemical cell. *International Journal of Hydrogen Energy*, 46 (51) 25819-25831. <https://doi.org/10.1016/j.ijhydene.2021.05.097>.
- Kumar, M., & Singh, R. (2021). Area-based speciation kinetic analysis of the multipollutant removal in Constructed Wetlands to enhance its treatment efficiency. *Environmental Science: Water Research Technology*. 7, 1090-1102. <https://doi.org/10.1039/D1EW00027F>
- Singh, N.K., & Singh, R. (2021). A sequential approach to uncapping of theoretical hydrogen production in a sulfate-reducing bacteria-based bio-electrochemical system. *International Journal of Hydrogen Energy*. 46(39)20397-20412. <https://doi.org/10.1016/j.ijhydene.2021.03.152>
- Singh, N.K., Kumari, P., & Singh, R. (2021). Intensified hydrogen yield using hydrogenase rich sulfate-reducing bacteria in bio-electrochemical system. *Energy*, 219, 119583. <https://doi.org/10.1016/j.energy.2020.119583>
- Tanushree, Kumari Rina (2021). September 2021, A hydrochemical and remote sensing approach to decrypt the groundwater salinization in the coastal city of Sabarmati basin, Gujarat. *Groundwater for Sustainable Development*. DOI: 10.1016/j.gsd.2021.100673
- Ghosh Sukanya, Kumar Deepak, Kumari Rina (2022) Assessing the influence of floods over selected states of Eastern India with cloud-based geo-computing platforms. *Geocarto International*. DOI: 10.1080/10106049.2022.2047230.
- Ghosh Sukanya, Kumar Deepak, Kumari Rina (2022) Evaluating the impact of flood inundation with the cloud computing platform over vegetation cover of Ganga Basin during COVID-19. *Spatial Information Research*. DOI: 10.1007/s41324-022-00430-z.
- Chaudhary I.J. and Rathore D. (2022). Effects of ambient and elevated ozone on morphophysiology of cotton (*Gossypium hirsutum* L.) and its correlation with yield traits. *Environmental Technology & Innovation*, 25, 102146. <https://doi.org/10.1016/j.eti.2021.102146>. ISSN: 2352-1864
- Nigam, B., Dubey, P.S. & Rathore D. (2022). Protective role of exogenously supplied salicylic acid and PGPB (*Stenotrophomonas* sp.) on spinach and soybean cultivars grown under salt stress. *Scientia Horticulturae*, 293, 110654. DOI: <https://doi.org/10.1016/j.scienta.2021.110654>. ISSN: 0304-4238
- Chaudhary, I.J. & Rathore, D. (2021). Micro-morphological and anatomical response of groundnut (*Arachis hypogaea* L.) cultivars to ground-level ozone. *Journal of Applied Biology & Biotechnology*, 9(04), 137-150. DOI: 10.7324/JABB.2021.9419. ISSN:2455-7005
- Chaudhary, I.J. & Rathore, D. (2021). Assessment of ozone toxicity on cotton (*Gossypium hirsutum* L.) cultivars: Its defensive system and intraspecific sensitivity. *Plant Physiology*

and Biochemistry, 166, 912-927. DOI: <https://doi.org/10.1016/j.plaphy.2021.06.054>. ISSN:0981-9428

- Singh, R. & Rathore, D. (2021). Effects of Fertilization with Textile Effluent on Germination, Growth and Metabolites of Chilli (*Capsicum annum*L) Cultivars. *Environmental Processes*, 8, 1249–1266. DOI: <https://doi.org/10.1007/s40710-021-00531-1>. ISSN: 2198-7505

Papers published in edited volume

- Krishna Rawat and Bhawana Pathak (2021) Contamination of groundwater by fly ash heavy metals at landfill sites in Contamination of Water Health Risk Assessment and Treatment Strategies, Pages 31-48 <https://doi.org/10.1016/B978-0-12-824058-8.00020-7>
- Mehrotra S., Kiran Kumar V., Man Mohan K., Gajalakshmi S., Pathak B. (June 2021) Terracotta Membrane-based Microbial Fuel Cell with Algal Biocathode: A Low-Cost Alternative to Dairy Wastewater Treatment Coupled Electricity and Biomass Production. In: Kalamdhad A.S. (eds) *Integrated Approaches Towards Solid Waste Management*. Springer, Cham. https://doi.org/10.1007/978-3-030-70463-6_17
- Hiranmai Yadav R. (2021). Soil-plant- microbial interactions for soil fertility management and sustainable agriculture" In: Jay Shankar Singh, Shashank Tiwari, Chhatarpal Singh, Anil Kumar Singh (Eds.) *Microbes in Land Use Change Management*. Elsevier ISBN: 978-0-12-824448-7
- Ajay Neeraj, R. Hiranmai Yadav and Raman Kumar Ravi. (2021). Alteration in microbial population density at different land use system. In: Jay Shankar Singh, Shashank Tiwari, Chhatarpal Singh, Anil Singh (Eds.) . *Microbes in Land Use Change Management*. Elsevier ISBN: 978-0-12-824448-7
- Raman Kumar Ravi, Ajay Neeraj and R. Hiranmai Yadav. (2021). Assessment of microbial biomass for production of eco-friendly Single Cell Protein, Bio-energy and other useful products. In: Jay Shankar Singh, Shashank Tiwari, Chhatarpal Singh, Anil Singh (Eds) . *Microbes in Land Use Change Management* Elsevier ISBN: 978-0-12-824448-7
- Mohd A. Siddiqui and R. Hiranmai Yadav. 2021. Molecular characterization of bacterial community succession and analysis of physiochemical properties in a compost of solid organic waste from Gandhinagar, Gujarat, India. In: *Microbes in Land Use Change Management*. Jay Shankar Singh, Shashank Tiwari, Chhatarpal Singh, Anil Singh (Eds) . Elsevier ISBN: 978-0-12-824448-7
- Snigdha Singh and R. Hiranmai Yadav .2021. Influence of land use change on native microbial community and their response to the variations in microenvironment. In: Jay Shankar Singh, Shashank Tiwari, Chhatarpal Singh, Anil Singh (Eds) . *Microbes in Land Use Change Management*. Elsevier. ISBN: 978-0-12-824448-7
- Hiranmai R.Y. and M. Kamaraj. 2022. Occurrence, fate and toxicity of emerging contaminants in a diverse ecosystem. In: Jeyaseelan Aravind and Murugesan Kamaraj (Eds.) *Emerging Contaminants: Remediation Technologies*. Physical Sciences Reviews, e Gruyter (www.degruyter.com). <https://doi.org/10.1515/psr-2021-0054>
- Sahu P. (2021) Source and Fate of Perchlorate in the Environment: A Grave Concern for World. In: Kumar M., Snow D., Honda R., Mukherjee S. (Eds) *Contaminants in Drinking and Wastewater Sources*. Springer Transactions in Civil and Environmental Engineering (pp. 137-157). Springer, Singapore.

- Sahu, P. E(2021) Policies and Legal Aspects of Environmental Management. In P. K. Sikdar (Ed.), Environmental Management: Issues and Concerns in Developing Countries. (pp: 343-367) Capital Publishing Company, New Delhi, India.
- Siddha, S. and Sahu, P. (2022) Impact of Climate Change on the River Ecosystem. In: Madhav, S., Singh, S. K., Srivastav, A. L., Singh, V. B., Singh, P. (Eds) Ecological Significance of River Ecosystems Challenges and Management Strategies (pp. 79-104). Elsevier.
- Ahirwar, T.K., Sahu, P. and Baredar P. (2022) Nanofluid based cooling for wind turbines. In T. Srinivas and R. Kumar (Eds) Nanofluid Applications in Green Energy Technologies (pp.219-236) Nova Science Publishers, New York, USA
- Rana Diksha, Kumar Deepak, Kumari Maya, Kumari Rina (January 2022) Assessing the Impact of Delhi Metro Network Towards Urbanisation of Delhi-NCR. In book: Geospatial Technology for Landscape and Environmental Management. DOI: 10.1007/978-981-16-7373-3_17.
- Soni, S., Chaudhary, I.J., Singh, A. & Rathore, D. (2021) Acute and chronic effects of ground level ozone on human health. In: S.B. Agrawal, M. Agrawal & A. Singh (Eds.), Tropospheric ozone: A hazard for vegetation and human health (pp 575-620). Cambridge Scholars Publishing, UK. ISBN: 978-1-5275-7057-3.

Books published as author

- Pandey, V.C., Gajic, G., Sharma, P. & Roy, M. (2022). Adaptive phytoremediation practices: Resilience to climate change. Paperback ISBN: 9780128238318 eBook

Other Publications (Magazines, Newspapers, web portals)

- Priyanka Kumari and Bhawana Pathak (Feb 2022) Mangroves: Protect the protectors in Paryawaran Perspective magazine. Issue: February 2022.
- Stuti Haldar and Bhawana Pathak (April 22, 2021) Gujarat is progressing towards its solar PV rooftop target 2021-22 PV Magazine (<https://www.pv-magazine-india.com> › 2021/04/22
- R.Y. Hiranmai and Parul Vats. (2021, June-July). Yogic Farming: A philosophical vision into Practical Farming. Paryawaran Perspective, pages: 30-31
- Sharma P. (2022) जैव विविधता: प्राकृतिक संतुलन की अहम वजहI Paryawaran Perspective. <http://paryawaranperspective.com/wp-content/uploads/2022/02/PP-Feb.-2022-final.pdf>

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

- Pallavi Sharma “Role of energy efficiency strategies in Urban Planning for sustainable development” in International Webinar on Role of Transportation, Environment and Energy in Integrated Urban Planning-2021 (RTEE-IUP 2021) organized by Central University of Jharkhand from 25th to 26th November 2021.
- Paulami Sahu and Chitrangada Debsarma (2021) Environmental challenges in post-COVID-19 world and their potential solutions, 43rd Indian Geography Congress 2021 with a Focal theme of 'Population, Environment, Health, Sustainable Development Goals and Appropriate Technologies: Post-Covid-19 Scenarios', going to be held on October 28 - 30, 2021 at BHU (Banaras Hindu University), Varanasi, U.P. in online mode (google meet).

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

- Bhawana Pathak delivered lecture on Wetland and Sustainable Development, during the celebration of wetland Day at Nal Sarovar Bird Sanctuary (February 2, 2022)
- Bhawana Pathak attended Building Climate Resilient Gujarat - A programme on climate change, at science city, Ahemdabad, organized by Climate Change Department Gujarat (February 21, 2022)
- Bhawana Pathak delivered special lecture on Environment and Sustainable Development for BTech students, Department of Metallurgical and Materials Engineering at Indian Institute of Technology, Patna (January 15, 2022).
- Bhawana Pathak delivered lecture on Workplace cleanliness in lab for Three Months Technician Development Programme for Entry-level Jobs in the Technical Cadre, organised by G B Pant National Institute of Himalayan Environment and Sustainable Development, Kosi Katarmal Almora, Uttaranchal (January 17, 2022)
- Bhawana Pathak delivered lecture as resource person on Role of Environmental Education in Sustainable Development, during Online Refresher Course in Environmental Studies and Sustainable Development organized by Dr Babasaheb Ambedekar Marathwada University, Aurangabad (January 21, 2022)
- Pallavi Sharma delivered expert lecture on the topic “Biodiversity conservation measures and issues” in five days' workshop on “Multidisciplinary approaches of environmental sciences” organized by School of Environment and Sustainable Development, Central University of Gujarat on July 28, 2021.
- Paulami Sahu and Chitrangada Debsarma (2021) Environmental challenges in post-COVID-19 world and their potential solutions, 43rd Indian Geography Congress 2021 with a Focal theme of 'Population, Environment, Health, Sustainable Development Goals and Appropriate Technologies: Post-Covid-19 Scenarios', going to be held on October 28 - 30, 2021 at BHU (Banaras Hindu University), Varanasi, U.P. in online mode (google meet).
- Dheeraj Rathore delivered a lecture on “Ecosystem Balance” in 5 days Workshop on “Multidisciplinary Approaches of Environmental Sciences” organised by School of Environment Science and Sustainable Development, Central University of Gujarat, Gandhinagar (Gujarat) India, during July 27-31, 2021.

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

- R.Y. Hiranmai delivered lecture on Climate change and Agriculture at UGC- STRIDE sponsored six days online training programme on “Environmental Sustainability and Research Ethics” organized by School of Biosciences at Avinashiligam Institute for Home Science and Higher Education for Women, Coimbatore, TamilNadu from 21.03.2022 to 26.03.2022.
- R.Y. Hiranmai delivered on “Soil Reclamation by Organic Manure to Alleviate Salinity Stress in Plants” as Resource Person for One Week Virtual National Level Faculty Development Programme on '(Future Perspectives in Biological Sciences" at Avinashiligam Institute for Home Science and Higher Education for Women, Coimbatore, TamilNadu held from November 8 – 14, 2021

- R.Y. Hiranmai delivered Invited lecture on “Soil reclamation using organic farming” at Webinar on “Resetting our relationship with nature” organized by Skyline University, Nigeria on April 5, 2021 to celebrate World Environment Day 2021.
- Pallavi Sharma delivered lecture on “Biodiversity and Conservation” for In-service Course KV Sabarmati at Kendriya Vidyalaya Sabarmati, Ahmedabad on December 25, 2021.
- Dr. Paulami Sahu. Global Warming : causes, consequences and mitigative strategies (July 29, 2021) in Five days workshop on Multidisciplinary approaches of Environmental Sciences (27-31 July 2021) by School of Environment and Sustainable: delivered expert lecture
- Dheeraj Rathore delivered a lecture as Resource person on “Ecosystem Balance” in Short Term Course on Sustainable development and Planet Earth organised by HRDC, Devi Ahilya Vishva Vidhlya, Indore, India on 9, October, 2021.
- Dheeraj Rathore delivered a lecture as Resource person on “Ecological Sustainability” in Short Term Course on Sustainable development and Planet Earth organised by HRDC, Devi Ahilya Vishva Vidhlya, Indore, India on 9, October, 2021.

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

- Bhawana Pathak participated workshop on Restructuring of Naari Gaurav Neeti, organized by Gender Resource Centre at Ahmedabad Management Association Ahmedabad (25th March 2022).
- Bhawana Pathak participated in one day webinar on Sustainability Index for University Campus under UBA 2.0 (January 13, 2022)
- Bhawana Pathak participated – National Youth Day: A Distinguished Lecture on Vivekananda's Philosophy and its Relevance Today as moderator, jointly organized by EBSB, UBA and NSS, Central University of Gujarat, (January 12, 2022)
- Bhawana Pathak participated in the webinar on MSME sector on NE Region, Issues, Challenges and Way forward organized by NIRDPR (10th January 2022)
- R.Y. Hiranmai, Five Days' Workshop on Multidisciplinary Approaches of Environmental Sciences organised by School of Environment and Sustainable Development, Central University of Gujarat, Gandhinagar, Gujarat, from 27-31 July 2021
- Pallavi Sharma participated in webinar on Recent trends and advances in Bioremediation technologies organized by School of Environment and Sustainable Development, Central University of Gujarat, 16th -18th Aug 2021 as coordinator
- Pallavi Sharma participated in expert lecture by Kumud Malika Tripathi, organized by School of Nano Sciences, Central University of Gujarat on 7th December 2021 as chairperson.
- Rajesh Singh, National Workshop on "Tools and Software for Data Analytics" from Feb 28th to March 4th, 2022 by Department of Food Technology, Guru Jambheshwar University of Science & Technology, Hisar. Expert Lecture
- Dr. Paulami Sahu. 5 Days workshop on Multidisciplinary Approaches of Environmental Sciences organized by School of Environment and Sustainable Development, Central University of Gujarat. 27-31 July, 2021: Coordinator

Participation in training/ orientation/refresher programme

- Bhawana Pathak participated in UGC stride virtual 10 days fdp on mitigating climate change, organized by Central University of Tamil Nadu, 26th April - 6th May 2021
- R. Y. Hiranmai. 2021 Participated in “two week Research methodology training programme for faculty development (online) during 7th to 18th June 2021”, organised by Centre for Studies in Economics & Planning, School of Social Sciences, Central University of Gujarat, Gandhinagar
- Dr Dheeraj Rathore participated in Faculty Development Programme on “Research Methodology” organized by Center for Economics, Central University of Gujarat, Gandhinagar (India) from June 7, 2021 to June 18, 2021.
- Dr Dheeraj Rathore participated in Workshop on “Tools and Software for Data Analytics” organized by Department of Food Technology, Guru Jambheshwar University of Science and Technology, Hisar from 28th February to 4th March 2022.

Research projects undertaken

- Bhawana Pathak, “Random Verification of Annual Inventory on Hazardous Waste Management” by Waste Management Division, Central Pollution Control Board. September, 2021 to March 2022.
- Dheeraj Rathore, Title of Project: “Environmental monitoring of heavy metals using common roadside plants in selected cities of Gujarat”. Funding Agency: Science and Engineering Research Board (SERB), New Delhi. Total Cost: Rs 34,94,832. Duration: February 4, 2022 to February 3, 2025 (on going).

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered (only(new) number) during 2021-22)
Dr. Rajesh Singh	Ph.D.	1
Dr. Paulami Sahu	Ph.D.	1
Dr. Dheeraj Rahore	Ph.D.	1

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, Central Library, CUG
- Chairperson - Unnat Bharat Abhiyan, CUG
- Chairperson - Committee for Library Books/ Journals Purchase, CUG
- Chairperson - Zero Semester Committee, CUG
- Chairperson- School Board of Studies, SESD

- Chairperson - Committee for Advance Studies and Research, SESD
- Chairperson - Committee for Departmental Academic Integrity Panel, SESD
- Chairperson - Committee for selection / identification of plants to be planted at the periphery of permanent campus
- Member - Court of the Central University of Gujarat
- Member - Fourth Executive Council of Central University of Gujarat
- Member - Fourth Academic Council of Central University of Gujarat
- Member - Committee for implementation of National Innovation and Start-up policy (NISP) CUG
- Member- Internal Quality Assurance Cell (IQAC)
- Member - Advisory Committee of Central Instrumentation Facility(CIF), CUG
- Member- committee for procurement of Scientific Lab equipment.
- Member - Campus Development Committee, CUG
- Member - ARC Committee for the FY 2021-22
- Member - Local Purchase Committee
- Member -CASR- School of Nano Sciences, CUG (2021-2023)
- Member - National Service Scheme (NSS) Advisory Committee
- Member – departmental Academic Integrity Panel (DAIP), School of Nano Sciences, CUG (2021-2023)
- Member, Task force committee for implementation of NEP 2020 at CUG
- Member- CUG - Admission Committee (2021)
- Member, Technical committee for evaluation of technical specification of scientific equipment.
- Member- Scrutiny committee for pilot project
- Convener -Social Entrepreneurship, Swachhata & Rural Engagement Cell (SES REC), CUG
- Expert member- Research Advisory committee, School of Social management

Prof. R.Y. Hiranmai

- Presiding Officer, Internal Complaint Committee
- Member Ek Bharat Shresht Bharat
- Member National Service Scheme
- Member World Environment Day
- Member Annual Report committee
- Member Central Instrumentation Facility

- Member Disposal committee
- Member Research Advisory Committee, SESD
- Member Research Advisory Committee, SLS
- Member School Board, SESD
- Member Online entrance exam question paper setting
- Member Awareness activities for eliminating gender-based violence
- Planning and Monitoring Board of CUG
- Centre Board of Studies(STIP)
- Asset verification committee
- Court of CUG
- Gender Championship Activities 2021
- SESD Admission Committee

Prof. Pallavi Sharma

- Dean (I/C), School of Nano Sciences, CUG
- Member, Academic council, Central University of Gujarat
- Member, Court of the Central University of Gujarat
- Convener and Chairman, Committee for Advanced Studies and Research (CASR) of School of Nano Sciences
- Swayam Coordinator for School of Environment Science and Sustainable Development, CUG
- Member, Standing Committee for Scrutiny of the Pilot Project
- Member, Committee to undertake the Academic and Administrative Audit exercise of schools of the University
- Member, School board, School of Nano Sciences
- Faculty incharge, MALDI-TOF, CIF
- Member, Task force committee for implementation of NEP 2020 at CUG
- Member, Department Academic Integrity panel, Centre for studies in Science, Technology and Innovation policy, School of Social Sciences
- Member, Department Academic Integrity panel, School of Life Sciences
- Member, Department Academic Integrity panel, School of Nano Sciences
- Member, SESD MSc. Admission committee
- Member, Committee to suggest modalities to implement holistic education
- Member, Vice chancellor nominee in selection committee for appointment of JRF in ICMR project in SLS.

- Member, Committee for Advanced Studies and Research, School of Life Sciences
- Member, Committee for Advanced Studies and Research, School of Environment and Sustainable Development.
- Member, Committee for recommending journals to UGC CARE list (annexure 24)
- Member, Technical committee for evaluation of technical specification of scientific equipment.
- Member, Garba organizing committee 2021
- Member, Local Purchase committee of School of Nano Sciences
- Member, Centre Board of Studies, for Centre of Applied Chemistry, School of Applied Material Sciences
- Member, School level Admission committee, SNS
- Member, Committee for monitoring the teaching of Holistic and Multidisciplinary Education Courses
- Chairperson, Committee to open Dean and Proctor office, Sector 30 which was occupied by Late Prof. Indrani Banerjee
- Member, PhD Interview Panel, School of Education
- Member, Merit Club Committee
- Member, ad hoc Board of Studies for holistic education

Dr Rajesh Singh

- Purchase Officer, SESD

Dr. Paulami Sahu

- Warden: Sector 30 Research Girls Hostel, CUG since November 2017.
- Warden of Girl's Hostel, Sector-20, CUG since 13.11.2020
- Warden (I/C): NICM Girls Hostel since 18.02.2022
- Nodal person, SESD of CUG Alumni Cell since 11.06.2021.
- Member: Discipline Committee in for Traditional Garba event held on 8th October 2021.
- Member: Rajbhasa Karyonayan Samiti since 20.2.2020.
- Nominated Member: Acted as a nominated member of SESD in Focus Group Discussion During Gender Championship Activities at CUG held on 14.03.2022
- Course-In-Charge: UG Environmental Studies 2020 onwards, SESD
- Course-In-Charge: M.Sc. in Environmental Sciences (Semester I and II) (Since 2021), SESD

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 and 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 a M.Phil. and a 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, School of International Studies & Chairperson, Centre for International Politics.

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

Dr. Saurabh Sharma, Assistant Professor

Ms Eva Loreng- Assistant Professor, Centre for International Politics

Areas of interest: Diaspora, migration, soft power and culture.

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

- Manish and Sharma, Anu. (2022), “OMAN and UAE on China's Maritime Silk Road Initiative: Implications for India, Air Power, Journal of Air Power and Space Studies, 17(1). Spring 2022 (January-March)
- Manish (2022), “The Rise of Taliban 2.0: Implications for the Region”, co-authored with Sumedh Pardhe, Liberal Studies, 6(2).
- Manish (2021), “Understanding West Bengal Assembly Polls 2021”, co-authored with Oindrilla Dattagupta, Locating Democratic Values in The Assembly Elections of 2021, Social Science in Perspective, Quarterly Journal of C.Achutha Menon Study Centre & Library Thiruvanthapuram, 13(3&4), ISSN 0975-5497.
- Manish (2021), “China's Belt and Road Projects in Central Asia”, co-authored with Alok Behera, SAGE, <https://doi.org/10.1177/23197145211042431>

- Manish (2021), “Asian Development Bank's Infrastructure Development Projects in Sikkim”, co-authored with Shraddha Rai, Eastern Quarterly, 13, ISSN 0975–4962.
- Manish (2021), “Terrorism and India's National Security”, Terrorism and National Security, 1(1).
- Sharma, Saurabh (2021), “Impact of Media on National Security: Understanding the Role of Mass Media and Social Media in India”, co-authored with Ashutosh Mukund Pandey, Terrorism and National, I(II), ISSN 2737–0313.
- Sharma, Saurabh. Perceptions and Misperception: Factors that Shape the Hindi Print Media's Coverage of International News, Media Mimansa (Quarterly Research Journal), Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal, Madhya Pradesh, ISSN- 2229-5593

Papers published in edited volume

- Manish (2021), Unit-7 Human Development and Regional Imbalances in South Asia, Introduction to South Asia (BPSE-144). Political Science, School of Social Sciences, IGNOU, New Delhi
- Manish (2022), “India's Geostrategic Interests in South China sea”, in Prof. Saroj Kumar Verma (Ed.), Changing Dimensions of India's Foreign Policy. IPSAC, Shillong, Victorious Publishers

Book published as author

- Manish (2021). The Belt and Road Initiative: Implications for India. Pentagon Press, ISBN-10: 9390095360

Other Publications (Magazines, Newspapers, web portals)

- Sharma, Saurabh, and Sharma (2022), Keshav, written in a co-authored op-ed titled "Ukraine Crisis: Uncertainty of War & India's Side". Bheem Pragya News, Jhunjhunu, Rajasthan.

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

- Manish, “India and Extended Neighborhood: West Asia, Central Asia and Southeast Asia, India's Soft Power Diplomacy, Miscellaneous” at ICSSR Sponsored National Seminar In collaboration with BRICS Institute, New Delhi India's Neighbourhood Foreign Policy During Prime Minister Modi's Regime Organised By: Department of Political Science, Central University of Haryana, Mahendragarh, 30 September 2021.
- Manish, “Reconstructing the Region”, International Webinar jointly organised by Dept of International Relations, South Asian University and Dept of Political Science, Goa University. August 12-13, 2021.

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

- Sharma, Saurabh “Social Media & Its Impact on National Security: From Isis To Recent Delhi Riots In India” by Dr Saurabh Sharma jointly presented with Ashutosh Mukund at Two-Day National Conference on National Security and Cyberspace: Issues And Challenges Jointly Organised By Rashtriya Raksha University And Central University of Gujarat November 23-24, 2021

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

- Manish, “Security Challenges to India's Foreign Policy”. Academic Staff College, Goa University. March 13, 2022.
- Manish, India's Foreign Policy in Its Neighbourhood. Academic Staff College, Goa University. March 11, 2022. Invited as a Resource person for the Refresher Course in Political Sciences (Inter/ Multi-disciplinary) (Online)
- Manish, "The Rise of India and China in Present Geopolitics", Symbiosis University, Nagpur. March 10, 2022.
- Manish, “Decoding Challenges to Political Institution Building in South Asia”, the School of International and Area Studies, Goa University. Distinguished Lecture. March 04, 2022.
- Manish, “State and Human Security in South Asia: Strategic Perspectives”, the School of International and Area Studies, Goa University. Distinguished Lecture. March 02, 2022.
- Manish, “Introduction: Function, Structure and Analysis of Introduction, Problem Statement, Objective, Developing Hypothesis”, Workshop organised by Amity School of Communication in Association with Amity Academic Staff College, Amity University, Uttar Pradesh, February 21, 2022.
- Manish, “Abrogation of Article 370 and its Implications for Kashmiri Exodus” at a Webinar organised by ABVP-CUG with the association of (Vivekanand Study Circle & SHoDH-CUG), January 19, 2022.
- Manish, “Faculty Development Programme” Fakir Mohan University, December 18, 2021.
- Manish, “Human Rights for Women”, National Webinar Kokrajhar Government College, Assam, December 10, 2021.
- Manish, “65th Mahaparinirvan Diwas” Distinguished Lecture organised by Central University of Gujarat, December 06, 2021.
- Manish, “Mahaparinirvan Divas”, Eebinar organised by Embassy of India, Hanoi, Vietnam, December 06, 2021.
- Manish, “Information Security: Issues and Challenges”, Distinguished Lecture organised by School of National Security Studies, CUG, December 02, 2021.
- Manish, “The Making of the Constitution of India” Webinar organised by SVCC, Embassy of India, Henoi, Vietnam, November 26, 2021.
- Manish, “The Making of Constitution of India”, organised by the Department of Political Science in collaboration with NSS Unit, Bangabasi Morning College, Kolkata, November 26, 2021.
- Manish, “Constitution Day” celebrations organised by CUG on November 26, 2021.
- Manish, “Global Response Afghanistan Crisis” organised by Shodh and Central University of Gujarat Students' Council, November 25, 2021.
- Manish, “India's Afghanistan Challenge”, Orientation Programme under the scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT) organised by Faculty Development Centre, Iswar Saran PG College, University of Allahabad, Prayagraj, November 20, 2021.

- Manish, “Pedagogy in Social Science”, Orientation Programme under the scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT) organised by Faculty Development Centre, Iswar Saran PG College, University of Allahabad, Prayagraj, November 20, 2021.
- Manish, “Cyber Awareness – Challenges and Solutions”, Webinar organised by Centre for Studies in Strategic Technologies (Cyber/Space Security), School of National Security Studies, CUG on October 29, 2021.
- Manish, “Rise on Taliban in Afghanistan and its Effects on the Geopolitical Role of the United States in the Asia-Pacific Region”, Amity School of Liberal Studies, Amity University, Jaipur, October 06, 2021.
- Manish. “The American Withdrawal from Afghanistan: China, India and the Road Ahead”, Topical Webinar, Centre for Studies of International Relations, September 19, 2021.
- Manish, “Implications of the Fall of the National Government of Afghanistan”, Centre for Constitutional Law and Governance (CCLG), Rajiv Gandhi National University of Law, Punjab, September 6, 2021.
- Manish, “Missile Defence and Deterrence: Examining the Correlation and Outcomes”, Fellow Seminar Institute for Defence Studies and Analyses (IDSA), New Delhi, August 19, 2021. External Discussant
- Manish, “Biological Warfare: Lessons from Covid 19 Pandemic”, One Day Webinar on Counter-Terrorism, Centre for Counter-insurgency and Counter-Terrorism (CCICT), School of Internal Security and Police Administration (SISPA) Rashtriya Raksha University, Lavad–Dehgam, Gandhinagar, August 17, 2021.
- Manish, “The Contribution of Mahatma Gandhi in Indian Independence” (Amrit Mahotsav of Indian Independence), International Webinar organised by Department of Zoology Paliwal College, Shikohabad, Firozabad (UP) in Collaboration with School of Education, MG Central University, Bihar, August 15, 2021.
- Manish, “आज़ादी का अमृत महोत्सव”, One Day Online Panel Discussion organised by Academic Political Wing, August 14, 2021.
- Manish, “Recent Trends in India's Foreign Policy”, One Day National Webinar organised by Department of Political Science, Institute of Advanced Studies in Education (IASE), Kunjaban, Agartala, West Tripura, July 24, 2021.
- Manish, “The Future of Armed Control”, Department of Civics and Politics, University of Mumbai, July 16, 2021.
- Manish, “How to advance your career under the UGC-CAS”, Two Week All India Faculty Development Programme (AIFDP2K21) on Emerging Trends in Online Education organised by Trinity College for Women (Arts and Science), Namakkal, Tamilnadu & Edugroom India Foundation, Kochi, Kerala in collaboration with UGC-Human Resource Development Centre, Bhagat Phool Singh Mahila Vishwavidhyalaya, Sonipat, Haryana. July 14, 2021
- Manish, “Terrorism and National Security on the occasion of Anti-Terrorism Day, Central University of Gujarat. May 21, 2021.

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

- Manish, “India's Foreign Policy: Kal, Aaj aur Kal”, distinguished Lecture by Ambassador Satish C. Mehta, 28 February 2022. Organiser
- Loreng, Eva, “India's Foreign Policy: Kal, Aaj aur Kal”, distinguished Lecture by Ambassador Satish C. Mehta, 28 February 2022. Convene
- Manish, “Global Dynamics and Challenges: Europe and India”, International Conference jointly organized by JNU and Central University of Gujarat on 30 October 2021. Chaired a session

Research projects undertaken

Manish, Geopolitical Implications of CPEC Extension into Afghanistan, Indian Council of Social Science Research, 4 Lakhs, Ongoing

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

Manish

- Manish, “Invited to join as Member of the Editorial Board of the Asian Political Science Review published biyearly by the Political Science Association of Kasetsart University, Thailand in cooperation with the Department of Governmental Studies, Muhammadiyah University of Makassar, Indonesia.
- Member, Advisory Board, Atal Bihari Vajpayee Institute of Policy Research and International Studies, The Maharaja Sayajirao University of Baroda
- Member, Board of Studies, Sardar Patel University, Anand, Gujarat
- Visiting Faculty, Naval War College, Goa
- Visiting faculty at School of Foreign Affairs, Languages and Political Economy (SFALPE), Rashtriya Raksha University
- 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 Panjab University Chandigarh, Jawaharlal Nehru University, New Delhi, Central University of Kerala, Goa University, Naval War College, Goa, Central University Of Jammu, Kerala University

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

Prof. Manish

- Dean, School of International Studies
- Member, Ad-hoc Board of Studies, Centre for Maritime Security Studies, SNSS
- Chairperson, Centre for International Politics, School of International Studies
- Chairman, Departmental Academic Integrity Panel, School of National Security Studies
- Member, University Court, Central University of Gujarat

- 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
- Member, Board of Studies, Centre for Studies in Strategic Technologies (Cyber/Space Security), 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, Centre Board of Studies, Centre for Comparative Literature and Translation Studies, SLL&CS, 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, National Education Policy (NEP) Cell, CUG
- Member, Task Force Committee for Implementation of National Education Policy (NEP) 2020, CUG
- 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, 2022
- Member, International Students Committee, CUCET Exams 2022
- Member, Committee for preparation of common academic time-table for programmes offered at University Sector-29 campus
- Member, Departmental Academic Integrity Panel, School of National Security Studies
- Member, Departmental Academic Integrity Panel, School of Education
- Interview Panel, Ph.D. in Diaspora Studies, Centre for Diaspora Studies, CUG, Admission 2021-22
- Interview Panel, Ph.D. in Economics, CSEP, SSS, CUG, Admission 2021-22
- Member, Library Advisory Committee
- Interview Panel, Ph.D. in Political Science, Parul University, Vadodara, Gujarat

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, Centre Board of Studies, CSS, SNSS
- 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
- SWAYAM 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

School of Language, Literature and Culture Studies

About the School

The School of Language, Literature and Culture Studies (SLL&CS) has UG, PG and Research programmes in various subjects related to Humanities that include the study of Indian and foreign languages and Literatures as well as comparative study of literatures and cultures. Core issues related to gender, caste, race and processes of exclusion and marginalization in society, migration and identity of diaspora communities are some of the areas of study in the courses offered by the School. All the programmes are interdisciplinary in nature and aid students to prepare for employment in teaching, research, print and visual media, 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 in its ongoing quest for global knowledge domains. The School has taken a number of initiatives by introducing new courses and revising existing courses in line with LOCF.

Center for Chinese Studies

About the Centre

The Centre for Chinese Language and Culture was started in the year 2011. The Centre started offering academic programmes from the academic year 2012-13. Its name later was changed to Centre for Chinese Studies. The Centre is equipped with a fully-functional language lab, which offers state of art teaching-learning experience.

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 Government of India. Students have also won accolades in India round of the Chinese Bridge Competition organised every year by the Chinese government to popularise Chinese language across the world. Since its inception, the Centre is maintaining an excellent placement record. Growing trade and investment between India and China offers excellent employment opportunities to Chinese language experts.

Faculties at the Centre level

Swami Kundan Kishor, Assistant Professor & Coordinator

Areas of Interest: Poetry Translation, Journalistic Translation, Traditional Chinese Characters, Simplified Chinese Characters, Chinese History, Diaspora Studies.

Prabhat Kumar, Assistant Professor

Areas of Interest: Chinese Language, Literature, Culture; Translation and Interpretation studies; India-China relations in literary texts; Diaspora Studies.

Nishant Kumar, Assistant Professor

Areas of interest: Modern & contemporary Chinese literature, Chinese language & linguistics, Translation, Interpretation and History, Society & Culture of China.

Prashant Kaushik, Assistant Professor

Areas of interest: Chinese language teaching. Chinese literature, history, culture. Translation and interpretation studies. India-China relations. BRI studies.

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

- Swami Kundan Kishor. (2021). Intertextuality, Asymmetry and Cross-Cultural Identities in the Stories of Afanti and Mullah Nasruddin. LangLit, November 2021 edition, Part-6, No-25, ISSN-23495189.
- Kumar, Prabhat. (2021). Early Chinese Immigrants, Racism, Identity and Making of Chinatown in the USA. Towards Excellence, 13(4), 953-966.
- Kumar, Nishant. (2021). Understanding the Nobel Laureate 'Mo Yan' through His Fiction. The Creative Launcher: An International, Open Access, Peer-Reviewed & Refereed E-Journal in English. Vol. VI & Issue I (April), ISSN-2455-6580, Pp. 64-72.
- Kaushik, Prashant (2021) Book Review: Bajpai, Kanti, India Versus China: Why They Are Not Friends. India Quarterly, Volume: 77 issue 4, Year 2021, Pages 673-676. DOI: <https://doi.org/10.1177/09749284211047620>

Papers published in edited volume

- Kaushik, P. (2021) "South Asia, India and BRI: Chinese Perspectives" in Manish (ed.) The Belt and The Road Initiative: Implications for India, pp. 155-169. Pentagon Press, New Delhi.

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

- Swami Kundan Kishor. "कविश्वी चीमो की कलम से चीन के तत्कालीन समाज का दर्शन", Two Day International Webinar on "Significance of Translation in India-China Relations" held on 22-23 Feb 2022, Central University of Gujarat, Gandhinagar
- Swami Kundan Kishor. "Career Opportunities through Foreign Languages: Chinese Perspective", Two-day International Virtual Conference on "Challenges and Opportunities of Teaching and Learning a Foreign Language: Contemporary Perspectives" at Department of Foreign Languages Studies, Central University of Karnataka, Kalaburagi, 9-10 Nov 2021.
- Swami Kundan Kishor. "100 Years of Red Dynasty of China: A Story of Five Generations of Chinese Leadership", Annual VP Dutt Young Scholars' Conference "100 Years of Chinese Communism: Impact on China and the World" organized by Department of East Asian Studies, University of Delhi, 29-31 October 2021
- Kumar, Prabhat. "माओ तुन के उपन्यास अर्धरात्रि के अनुवाद से तात्कालीन चीनी समाज का अध्ययन", two-day international conference "Significance of Translation in India-China Relations" jointly organised by Centre for Chinese Studies and Centre for Hindi Studies of Central University of Gujarat, Gandhinagar from 22/02 -23/02/2022.

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

- Swami Kundan Kishor. "राष्ट्रीय शिक्षा नीति में विदेशी भाषा का समावेश: चीनी भाषा के संदर्भ में". National Webinar titled "National Education Policy and Literature" organized by Shri Meghmani Family and Shri Bhailalbhai A Patel, Umiya Arts and Commerce College for Girls, Sola, Ahmedabad and Centre for Gujarati Language and Literature, CUG, 21 March 2022
- Kumar, Nishant. "Popularising Chinese Language in India: The Scope and Challenges", Two-Day National Webinar on "Challenges of Promoting Chinese Language Learning &

Teaching in India", Organized by Department of Foreign Languages, Aligarh Muslim University, Aligarh, 27 & 28 April 2021.

- Kaushik, P. "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 the Department of Foreign Languages, Aligarh Muslim University, Aligarh on 27 & 28 April 2021.

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

- Swami Kundan Kishor. "The Real Identity of Uyghur Muslims of China and Human Rights Issues". An online lecture organized by IbneKhaldoon Study and Research Centre for History on 8th January 2022. Expert Lecture.
- Swami Kundan Kishor. "Understanding China through Chinese Poetry". An online expert lecture at the Department of Chinese, Sanchi University of Buddhist-Indic Studies, Sanchi, Madhya Pradesh, 25th January 2022. Expert Lecture.

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

- Swami Kundan Kishor. "National Education Policy and Indian Society" in National Webinar titled "National Education Policy and Literature" organized by Shri Meghmani Family and Shri Bhailalbhair A Patel, Umiya Arts and Commerce College for Girls, Sola, Ahmedabad and Centre for Gujarati Language and Literature, CUG, 21 Feb 2022. Moderator.
- Swami Kundan Kishor. Preliminary Competition of the 20th "Chinese Bridge" - Chinese Proficiency Competition for College Students in the Republic of India- University Level, 11th July 2021. Convenor.
- Swami Kundan Kishor. "NIICE Global Conclave 2021" held on 25-27 June 2021. Participant.
- Swami Kundan Kishor. The 1st Sinology and Chinese Studies Symposium (online), Turkey, 24-25 Sep 2021. Participant.
- Kumar, Prabhat. Inaugural Session in the Two-Day International Webinar on "Significance of Translation in India-China Relations" in collaboration with Centre for Hindi Studies, SLL&CS, Central University of Gujarat on 22-23 Feb 2022. Welcome address.
- Kumar, Prabhat. Valedictory Session in the Two-Day International Webinar on "Significance of Translation in India-China Relations" in collaboration with Centre for Hindi Studies, SLL&CS, Central University of Gujarat on 22-23 Feb 2022. Session Moderator.

Participation in training/ orientation/refresher programme

- Swami Kundan Kishor. "Two Week Research Methodology Training Programme for Faculty Development (online), CUG, 7th -18th June 2021. Participant.
- Kaushik, P. "Four days' Online Management Development Programme on Public Procurement (Basic)" organised by the Arun Jaitley National Institute of Financial Management, Faridabad between 7th - 10th June 2021. Participated as the Purchase Officer of the SLL&CS.

- Kaushik, P. “Online training of GeM”organised by the Arun Jaitley National Institute of Financial Management, Faridabad on 20 January 2022. Participated as the Purchase Officer of the SLL&CS.

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

Swami Kundan Kishor.

- Coordinator, Centre for Chinese Studies, SLL&CS, CUG from 25th Aug 2020 till date.
- Member of Centre Board, Centre for Chinese Studies, School of Language, Literature & Culture Studies, Central University of Gujarat, Gandhinagar.
- Member, School Board of SLL&CS, CUG from 21st Sep 2020 till date.
- Member, Committee for Advanced Studies and Research (CASR), SLL&CS, CUG from 23rd Oct 2020 till date.
- Member, Admission Committee for Academic Year 2021-2022, Central University of Gujarat
- Member, Publicity Committee, Admission Sub-committee 2021-22, Central University of Gujarat

Kumar, Prabhat

- Member, Fourth Executive Council, Central University of Gujarat, Gandhinagar.
- Member, School Board of SLL&CS, Central University of Gujarat, Gandhinagar from 21st Sep 2020 till date.
- Member, Centre Board of Studies, Centre for Chinese Studies, School of Language, Literature & Culture Studies, Central University of Gujarat, Gandhinagar.

Kumar, Nishant

- Member, Centre Board of Studies, Centre for German Studies, SLL&CS, CUG from 19.05.2019 to 18.05.2021.
- Member, Cricket Selection Committee of CUG Non-Teaching Staff Cricket Team for Gujarat State Inter University Staff Tournament- 2022 organized by Krantiguru Shyamji Krishna Verma Kachchh University, Selection trial held on 4th January 2022.

Kaushik, P.

- Purchase Officer, SLL&CS, CUG.

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.

Vipul Solanki, assistant professor

Areas of Interest: Translation Studies. Literature of Marginalized, Indian Literature.

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

- Jasmine Sheikh and Zakia Firdaus “Politics of Elemental and Eliminative Representation of Women in Indian Cinema” the International Journal of Science and Research (IJSR). Vol 10, issue 11, November 2021

Papers published in edited volume

- Stella Chitrallekha 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 ed by Aliva Mohanty, Sayantani Behura, Geetanjali Naik and Suprit Panigrahi. , Mittal Publication: New Delhi, 2021

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

- Zakia Firdaus, Land, Gender and Activism: Ecofeminism and North American Writing Gender and Identity: Ecofeminist [Perspective to English Literature, Karnal. DAV College for Women 03 July, 2021
- Maheshwari Zarana, “City, Gender and the Disablement of Space: a Study of Andhadi Gali (Blind Street) by Dhiruben Patel” in the Five Days' 2nd IDSC International E-Conference on “Disability: Resistance, Disruption and Transgression” organized by Indian Disability Studies Collective (IDSC) from 29th November to 03rd December 2021

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

- Ranganathan, Balaji. resource person for a talk on Psychoanalysis organized by the Saurashtra University on 12th April 2021.

- Maheshwari Zarana, English Literary Association: Institute: Avinashilangam Institute for Home Sciences and Higher Education for Women Coimbatore, Translation and Colonial Modernity, April 12, 2021 as Guest speaker
- Maheshwari Zarana. Participated in a five-day international webinar on Why Does Disability Research Matter” which was organised in collaboration with Saksham from 4th to 8th of October, 2021.

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
- 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, Cultural 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 School organizes guest lectures, workshops and seminars for students in areas such as Film, Editing, English Language Teaching, Academic Writing and Translation. Students are encouraged to present papers at academic conferences and seminars conducted by the School and also to travel to those organized by other academic institutions.

Faculties at the Centre

Dr. Atanu Bhattacharya, Professor & Chairperson

Areas of interest: Technology, English Language and Cultural Studies and their interactions with pedagogy.

Dr Ishmeet Kaur Chaudhry, Assistant Professor

Areas of interest: Literatures of/from the Margins, Post-colonial Studies, Australian Literature and Sikh Studies.

Dr. Dhārā k. chotai, Assistant Professor

Areas of interest: Areas of interest are Literary Historiography, Colonial Studies, Visual Studies and Cultural Studies

Dr. Milind Solanki, Assistant Professor

Areas of interest: Postmodernism, Dystopian Literature, Folk Literature and Historiographic Metafiction

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

Areas of interest: 20th C. American Literature, Modernism, and Psychoanalysis.

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

- Chaudhry, Ishmeet Kaur. (2021). A Rare Semblance of Culture, Music and Mystery. Muse India: The Literary e-Journal, Vasant Ritu (Spring, Issue No. 96 (Mar-Apr 2021))
- Dalwaniya, Meghana and Ishmeet Kaur Chaudhry. (2021) Mapping The Dalit Woman's Experience: An Exploration Into Violence And Violation Of Women Rights In Harish Mangalam's Gujarati Dalit Novel Tirad. Gap Bodhi Taru: A Global Journal Of Humanities (Oct-Dec 2021)

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

- Bhattacharya, Atanu. Negotiating the Digital: Questions for Language Pedagogy, Refresher Course in English Language Studies, 13th August 2021, University of Hyderabad.
- Bhattacharya, Atanu. Researching Minor Genres, FDP on “Transcending Disciplines”, 19th August, 2021, Amity University, Kolkata
- Bhattacharya, Atanu. Research and Publication Ethics. Orientation Programme, 23rd August, 2021, VN South Gujarat University, Surat.
- Bhattacharya, Atanu. Contesting the Text: Textbook Production in Colonial India, 10th Anniversary Lecture Series, University of Hyderabad, 12th November, 2021.
- Bhattacharya, Atanu. Researching the Speculative, Refresher Course, Pondicherry University, 2nd December, 2021.
- Bhattacharya, Atanu. Multidisciplinary Research: An Introduction, Research Methodology Workshop, 13th December, 2021, Parul University, Vadodara.
- Bhattacharya, Atanu. Research at the Crossroads, Research Week Lecture Series, 31st December, 2021, Gujarat Technological University, Ahmedabad
- Bhattacharya, Atanu. Dialoguing the Web, ISEL Literature Summit, USA, 22nd January, 2022
- Chaudhry, Ishmeet Kaur. Academic Writing and All you Need to know about it, Certificate Course on Scientific Research Writing, Organised by IQAC, Gujarat University, Ahmedabad, 31st January, 2022

- Chotai, dhara, k. Cultural Studies, Department of Studies and Research in English, Rani Channamma University, Vijaypur, Karnataka, 9th December, 2021.
- Anupama A. Gertrude Stein's Extended Meditation on Non-Place. Guest-lecture, HS 517: Literary Experiments in European Modernism, Department of Humanities and Social Sciences, IIT Gandhinagar, 1st November, 2021

Participation in training/ orientation/refresher programme

- Chaudhry, Ishmeet Kaur. Short Term Course in E-content Development and Online Pedagogy, Jawaharlal Nehru Technological University, Hyderabad, 13-12-2021 to 18-12-2021
- Chaudhry, Ishmeet Kaur, Short Term Course on Gender Sensitization, Pondicherry University, 24-12-2021 to 30-12-2021
- Chotai, dhara K., Refresher Course on Modern Trends in Literature, Thoughts and Discourse, 14-02-2022 to 26-02-2022, UGCHRD Doctor Harisingh Gour Vishwavidyalaya, Sagar.

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students admitted in 2021-22
Bhattacharya, Atanu	Ph.D.	02
Chaudhry, Ishmeet Kaur	Ph.D.	01
Chotai, Dhara	Ph.D.	00

Centre for German Studies

About the Centre

The Centre for German Studies was established in 2011 with the objective of expanding knowledge, learning and research on German language, literature and culture in India and contributing to India's close links with Germany. Allied courses are also offered to students for nurturing their interests in interdisciplinary research areas like translation studies, culture studies, literary theory, etc.

After successful completion of three years the students are eligible for B.A. (Hons.) degree in German Studies. The M.A. programme offers a range of fields like genres of literature, literary movements, periods in literary history, translation & interpretation, linguistics, didactics of German Language, the cultural and political history. In the final semester, the M.A. students are required to write a dissertation on an area of their choice.

Programmes offered

- B.A. (Hons.) in German Studies
- M.A. in German Studies
- Ph.D. in German Studies

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.

Layal, 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.

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

- Layal, Jaspreet Kaur, A Kite Runner's tale of Afghan-Struggles, 26th International Conference titled Conflict and Literature: Narratives of Struggle (in online mode), Department of Germanic and Romance Studies, University of Delhi, 10-12 March 2022 (Paper presentation done on March 11th, 2022).
- Jahel, Roshan Lal, Gewalt und Macht in Ingeborg Bachmanns Werken, XIV Congress of the International Association for German Studies (online mode), IVG and University of Palermo, Italy, July 26th, 2021.

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

- Layal, Jaspreet Kaur, "Art and Architecture in German Speaking Countries", Vellore Institute of Technology, Vellore, Tamil Nadu, November 24th, 2021, Guest Lecture.

Participation in training/ orientation/refresher programme

- Layal, Jaspreet Kaur, 111th Faculty Induction Programme organized by UGC-HRDC-Goa University in online mode, 29-09-2021 to 28-10-2021 (1 month), Participant.
- Donthula, D. Vinai Kumar, Research Methodology Training Programme for Faculty Development (Online) organised by Centre for Economics, SSS, CUG, 7-6-2021 to 18-6-2021 (Two Weeks)

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

Faculties 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, Travel 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.

Ms. Sangita Chadhari, Assistant Professor

Areas of Interest: Literary Criticism, Comparative Literature

Dr. Baldev Prajapati, Assistant Professor

Areas of Interest: Folklore, loknatya bhavai.

Articles and Papers Published in Reputed/peer Reviewed/UGC approved Journals

- Makwana, Rajesh 'Smaran ane Samvedanani Bhavvandan', Achala, Journal-September, 2021
- Makwnan, Rajesh 'Gujarat me panchyati raj kee Sharuvat se Vartman tak ki Vyapak Samiksha'Panchyat Sandesh Journal, October-November.2021
- Makwnan, Rajesh 'Gujarat ma Godadiya Panth Parichiy ane Sahitya'(December - 2021).Lokgurjari
- Makwnan, Rajesh 'Aazadina Andolanma Gujarati Sahitykaronu Yogdan' 'Yojana', Feb. 2022
- Chauhan, Ajaysinh 'Gujarati Kavita ni Tasak ma Banarasi Pan nu Bidu : Banaras Dairy', Parab April- 2021
- Chauhan, Ajaysinh 'Lokvidya Abhyas ni Navi Khitijo Darshavta grantho: American Folklorist School: Svadhyay' Vol-I-II. Shabdsrushti February-2022
- Chauhan, Ajaysinh 'Taranyatra no Mahatvano Dastavej : Narmada Vaheta Pravasma' Shabdsrushti March -2022
- Pandya, Pratibha “Sucheta bhadlavalanu loksahityik sanshodhan- sampadan: kshetrakarya-kendri sujh ane samaj” in “Lokgurjari “–Journal-June, 2021
- Pandya, Pratibha “Maldhari Jatina Sanskargito: Abhyaspoot Sanshodhan” in “Lokgurjari “–Journal-Saptember, 2021
- Pandya, Pratibha, “Halarni Maldhari Jatina Rasda': Drashtipoot Vargikaran ane Tarkpoot Swadhyay” in “Lokgurjari“–Journal-December,
- Pandya, Pratibha “British Sampadako: Gujarati Diaspora Sahitya” in “Shabdsar”, February, 2022
- Bhatt, Deepak, 'British Guajarati varatkar Ahmad Gulni vartaoma Diasporic Samvedan' Shabdsrushti August :2021, Year 2021
- Chaudhari, Sangita "Gujarat no nath navalktha ma patr Nirupa kala": international journal of research in subject in multi language
- Chaudhari, Sangita "any sanshodhan ane sahitya sanshodhan vacheno bhedh” international journal of research in all subjects in multi language, February 2022

Papers published in edited volume

- Makwana, Rajesh, Bharatiya Tunki vartana Anuvadak: Dr. Bipin Ashar, 'Shabdashan Aeji Vikramasan'
- Chauhan, Ajaysinh, 'Gujarati Kavita nu Yugadarshan' Ed. Shirish Panchal, Gujarati Sahitya Vivechan, ISBN: 978-81-951236-2-9
- Bhatt, Deepak, Gujarati Natya Sahitya- Ekam –Gujarati Sahityik Nibandho Ane Lekhan kaushal-Bhag -3, Volume 4, Sahityik nibandho Bhag -3, Year 2021, Pages 55-69 BAOU - Ahmedabad

Books published as author

- Makwana, Rajesh (2021)'Dr. B.R.Amedkar : Vichar ane Vimrsha' funded by Dr. B.R. Ambedkar Chair, Saurashtra University, Rajkot, 2021
- Makwana, Rajesh (2021) 'Gujarati Hindi Adhyeta Kosh'Rashtriya Hindi Sansthan, Agra, 2021
- Makwana, Rajesh (2022) Adadhe Raste Andharu. (Late J.T. Makwana Nu Adhuru Atamvrutant Ane Bija Lekho) Self Published, 2021

Other Publications (Magazines, Newspapers, web portals)

- Makwana, Rajesh, Bahusrhut Vachak Dr. Ambedkar, Yugdrastha , December.2021

Papers presented at State/National Levelseminar/webinar/conference/workshop, etc.

- Makwana, Rajesh, Resource Person at 'Gujarati no Adhiyapak Sangh Annual Convention'organized by Arts, Commerce and Science College, Kholavad, on 10th–11th July 2021.
- Makwana, Rajesh Resource Persons at 'One Day State Level Seminar Titled 'Chunilal Madiya: Shatabdi Vandna'organized byAnand Arts College, Anand and Gujarat Sahitya Akademi, Gandhinagar, 8th January 2022.
- Makwana, Rajesh Resource Persons at 'One Day State Level Seminar Titled 'Matrubhasha Sarakshan Ane Sanvardhan'organized by Government Arts and Commerce College, Sami and Gujarat Sahitya Akademi, Gandhinagar, 21th February 2022.
- Makwana, Rajesh Paper Presented at National Conference on 'Folk Literature in Indian Languages: Today and Tomorrow'organized byRegional Institute of Education,Bhopal, 27thTo29th January 2022.
- Makwana, Rajesh Resource Persons at 'One Day State Level Seminar Titled 'Azadini Chalval Ane Gujarati Sahitya'organized by Arts and Commerce College, Kapadvanj and Gujarat Sahitya Akademi, Gandhinagar, 23th February 2022.
- Makwana, Rajesh Resource Persons at 'One Day State Level Seminar Titled 'Sahitya Ma Rashtravad'organized by Government Arts and Commerce College, Netrang and Gujarat Sahitya Akademi, Gandhinagar, 4th March 2022
- Makwana, Rajesh Resource Persons at 'State Level Seminar Titled 'Gujarat nu Loksahitya ane Loksanskriti'organized by Department of Gujarati, Saurashtra University, Rajkot and Shri Zaverchand Meghani Loksahitya Kendra, Rajkot, 23th March 2022.
- Chauhan, Ajaysinh, Resource Person, UGC Sponsored 2nd Online Refresher Course in Social Science, Organized by UGC-HRDC, Gujarat University, Ahmedabad. 16th July 2021.

- Chauhan, Ajaysinh, Resource Person, one day Workshop for Higher Secondary Teachers on 'essay'. Organized by District Education Office, KHEDA. 26th August 2021.
- Chauhan, Ajaysinh, Resource Person, Five Day Workshop on Fundamental Glossary: Chemistry (English-Hindi-Gujarati) Organized by Commission for Scientific & Technical Terminology, Ministry of Education, Government of India. 20 to 24 September 2021.
- Chauhan, Ajaysinh, Resource Person for the workshop on planning and preparation for 'National Conference on Indian Folk literature: Today and Tomorrow'. 27-28 January-2022.
- Chauhan, Ajaysinh, Resource Person in Seminar on 'Charitrmulak Sahitya' Organized by Gujarat Sahitya Academy, Gandhinagar and ZCAD Foundation. 9th December-2021.
- Chauhan, Ajaysinh, Resource Person in Seminar on 'Matrubhsha sanrakshan ane Sanvardhan' Organized by Gujarat Sahitya Academy, Gandhinagar and Government Arts and Commerce College, Sami. 21th February-2022.
- Chauhan, Ajaysinh, Resource Person in Seminar on 'Kavya Mimansa ane Sahitya Kruti' Organized by Gujarat Sahitya Academy, Gandhinagar and Government Arts College, Ranavav. 26th February-2022.
- Chauhan, Ajaysinh, Resource Person in Seminar on 'Sahitya ma Rashtrvad' Organized by Gujarat Sahitya Academy, Gandhinagar and Government Arts and Commerce College, Netrang. 4th March-2022.
- Chauhan, Ajaysinh, Resource Person in Seminar on 'Tunkivarta na Swarooplakshi Parimano' Organized by Gujarat Sahitya Academy, Gandhinagar and Shri & Smt. P K Kotawala Arts College, Patan. 15th March-2022.
- Pandya, Pratibha, "Lokgit: Aswad ane Arthaghatan" at Department of Gujarati, The Maharaja Sayajirao University of Baroda, Vadodara on 27-08-2021
- Pandya, Pratibha "Lokgit" at Department of Gujarati, Gujarat University, Ahmedabad on 18-09-2021
- Pandya, Pratibha "Lokjivan" and "Bharatiya Jivan Moolyo" in Dr. Subhash Mahila Arts, Commerce and Home Science College, Junagadh on 27-10-2021 & 28-10-2021
- Pandya, Pratibha "Gujarati Loksahityama Strisanshodhakonu Pradaan" under "Pushkar Chandarwakar Vyakhyanmala" in Zaverchand Meghani Loksahitya Kendra, Saurashtra University, Rajkot on 02-12-2021
- Pandya, Pratibha "Gujarati Gazalma Bhartiyata" in Seminar "Gujarati Sahityama Bhartiyata" conducted by Gujarat Sahitya Academy & Kumar Arts Foundation, Godhra on 01-01-2022
- Chaudhari, Sangita, 22,23, March 2022, National Commission For Schedule Tribes Government of India Delhi organizing- conference. "Tribes Education "in participate member.
- Chaudhari, Sangita, Shri a.l.j.patel and Shri d.j.patel arts and commerce college, chkladasarbhan, Dist.: Bharuch. Vidhya vistar aayojit viyakhyanmala "aatmkatha savrup ane lakshono"
- Chaudhari, Sangita, Shree Morarji Desai arts and commerce college Buhari virpor, Dist. Tapi, vidhya vistar aayojit viyakhyanmala "Bhartiya sahitya mimansa"

- Prajapati, Baldevbhai, Delivered a Lecture on 'Gujarati Lokgeet' at the M.S University of Baroda on 09 September 2021.
- Prajapati, Baldevbhai, Paper presented on “Gnagasatinu Sahitya Yogadan” at the State Webinar for Gujarat Sahitya Academy and Bhakta Narsingh Mehta University Junagadh on 10 October 2021.
- Prajapati, Baldevbhai, Paper Presented on “Kalapina Ketarak Kyvo” at the State Webinar jointly organized by Gujarat Sahitya Academy and Government college Kathlal held on 21st October 2021.
- Prajapati, Baldevbhai, Paper Presented 'Anutha Dampatyajivanni Lokvarta- Shetrunji ne Kanthema Duha Vaibhav' at Regional Institute of Education, NCERT, Bhopal. Lecture on 28/01/22.

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

- Prof. Rajesh Makwana, Invited Expert lecture at Ph.D. Course Work, Children's University, Gandhinagar. 8th March 2022.
- Prof. Rajesh Makwana, Invited Expert Lecture on '*Dr. B. R. Ambedkar : Mahanayak*' ABVP, CUG, Gandhinagar, 6th December 2021.
- Prof. Rajesh Makwana, Invited Expert lecture on '*Loksahtya ni Duniya ma Dokiya*', K.J. Somaiya Arts College, Mumbai, 9th December 2021.
- Prof. Rajesh Makwana, Invited Expert lectures on '*Vanchit Viro ni Vandna*', Lakshmi Community Hall, Rajkot, 13th March 2022.
- Prof. Rajesh Makwana, Invited Expert lectures on '*Varshikotsav ane Award Ceremony*', Municipal Arts and Urban Bank Science College, Mehsana. 22nd March 2022.
- Prof. Rajesh Makwana, Invited Expert lectures on '*Shabdasan aej Vikramasan*' Saurashtra University, Rajkot, 24th March 2022.
- Prof. Rajesh Makwana, Invited Expert lecture on '*Rudrax*', Bahauddin Govt. Arts College, Junagadh. 2nd December 2021.
- Dr. Ajaysinh Chauhan, Invited Expert lecture on 'My Exile : Dalai Lama' at Government Arts College, Jhagadia. April 23, 2021.
- Dr. Ajaysinh Chauhan, Invited Expert lecture on '19th Century's America : a view of Parsi gentlemen' at Ahmedabad International Literature Festival. July 3, 2021.
- Dr. Ajaysinh Chauhan, Invited Expert lecture on 'Gujarati Literature' at TEQ Literature festival 2021. August 15, 2021.
- Dr. Ajaysinh Chauhan, Invited Expert lecture on 'Gujarati Travelogue' at Divine Publication. February 05, 2022.
- Dr. Ajaysinh Chauhan, Invited Expert lecture on 'Paulo Coelho's Alchemist' at Samarpan Arts and Commerce College, Gandhinagar. February 17, 2022.

Participation in academic activities such as seminar/conference, etc. other than paper presentation

- Makwana, Rajesh Organized at 'The Socio-Economic and Political Philosophical Relevance of Dr. B. R. Ambedkar in the Contemporary Period' National Webinar by CUG, Gandhinagar. 14th April, 2021

- Makwana, Rajesh Organized at 'On The Occasion of Dr. B. R. Ambedkar's Mahaparinirvan Din' by CUG, Gandhinagar. 6th December, 2021.
- Makwana, Rajesh Chaired at National Conference on 'Folk Literature in Indian Languages: Today and Tomorrow' organized by Regional Institute of Education, Bhopal, 27th To 29th January 2022.
- Makwana, Rajesh at National Conference on 'Folk Literature in Indian Languages: Today and Tomorrow' Organized by Regional Institute of Education, Bhopal, 27th To 29th January 2022.
- Makwana, Rajesh Organized at 'Competitive and NET-GSET Coaching Class by CGLL, CUG, Gandhinagar. 8th March, 2022
- Makwana, Rajesh organized at National Web Conference Association With Umiya Arts and Commerce College, Sola. Ahmedabad 'Education Policy and Literature' 21st March 2022.
- Makwana, Rajesh organized at Lokdayaro 'Lagyo Kasumbi no Rang' by Shri Zaverchand Meghani Loksahitya Kendra, Rajkot. And CUG, Gandhinagar. 21st March 2022.

Participation in training/ orientation/refresher programme

- Makwana, Rajesh Nominated by the UGC, New Delhi to Participated at 'Webinar on Mentorship Guidelines' organized by UGC-HRDC, NEHU, Shillong. 22nd March 2022.
- Prajapati, Baldevbhai, UGC –HRDC Ranchi University, Ranchi- Refresher Course on Tribal Studies from) 06/01/2022 to 19/06/2022.

Research student/s guided

Sr. No.	Name	Nature of programme, whether M. Phil	No. of students guided (only number registered during 2021-22)
1.	Prof. Rajesh Makwana	Ph.D.	02
2.	Dr. Ajaysinh Chauhan	Ph.D.	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, CUG
- Nodal Officer, Dr. Ambedkar Centre of Excellence (DACE), CUG
- Chairperson, Anti-Discrimination Officer, CUG
- Chairperson, Equal Opportunity Cell, CUG
- Member, School Board (School of Language, literature, and culture studies)
- Member, Board of Studies for Centre for Gujarati Language, and literature, CUG

- Member, CASR, SLL&CS
- Member, Academic Counsel, CUG
- Member, Executive Committee, Shri Zaverchand Meghani Lok Sahitya kendra, Rajkot.
- Member, Constitution of Grievance Redressal Committee, CUG
- Coordinator, Reception and Transport Committee, 4th convocation CUG
- Coordinator, Invitation Committee, 4th convocation CUG
- Member, Committee to the Student Representation, CUG
- Member, Canteen Committee, CUG
- Member, Executive Committee, Shri Zaverchand Meghani Loksahitya Kendra, Rajkot.
- Member, Board of Studies, Veer Narmad South Gujarat University, Surat
- Member, Board of Studies, Gujarat Vidyapith, Ahmedabad.
- Member, Board of Studies, Children's University, Gandhinagar
- Member, RDC Committee, Saurashtra University, Rajkot.
- Member, RDC Committee, Hechandracharya North Gujarat University, Patan.
- Member, RDC Committee, Maharaja Krishnkumar Bhavnagar University, Bhavanagar.
- Member, Research Project Committee, Shri Zaverchand Meghani Loksahitya Kendra, Rajkot.
- Member, Consultant of the Gujarat Vidhyapith Journal. Ahmedabad.

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, Gujarati Advisory Board, Sahitya Akademi, New Delhi.
- Member, Committee for Advanced Studies and Research, SLL& CS
- Member, Gujarati Board of Studies, N S Patel Arts College (Autonomous), Anand
- Member, Gujarati Board of Studies, IITE, Gandhinagar.
- Invited Member, Executive Committee, Gujarat Sahitya Academy, Gandhinagar.
- Vice Chancellor Nominated Member, Gujarati RDC Committee, Veer Narmad South Gujarat University, Surat.

- Member, Selection Committee, Hemu Gadhvi Award, Zaverchand Meghani Lok sahitya Kendra, Rajkot.
- Member, plants Committee, Permanent Campus, CUG.
- Member, Departmental Academic Integrity Panel, Centre for Diaspora Studies, CUG.

Dr. Pratibha Pandya

- Member, Celebration Committee of 'Swatantrata Divas'.
- Member, Committee Celebration of 'Navratri'.
- Coordinator of 'Sanskritik Karyakram' (Ek Bharat Shreshth Bharat).
- Member, Board of Studies (CGLL, SLL & CS)
- Member, Admission Committee, CGLL

Dr. Deepak Bhatt

- Assistant PRO
- Member, Board of Studies for Centre for Gujarati Language and literature.

Dr. Sangita Chaudhari

- Member, board of studies for Centre for Gujarati language and literature.
- Programme officer, NSS
- Member, Belonging to ST Category Central University of Gujarat.
- Member, Admission committee, Central University of Gujarat.
- Member, Garba event on Oct 2021
- Member of 15 August Gujarati folk song event.
- Member, Ph.D. Interview Panel, Centre for Diaspora Studies.
- Member, International women's day program judge committee member.

Dr. Baldevbhai Prajapati

- Member, Committee for Caste Based Discrimination in Higher Education, CUG.
- Member, Gender Championship Committee, CUG.
- Member, Board of Studies Gujarati Language and Literature, CUG.
- Member of Discipline Committee and Food Committee for Traditional Garba event, CUG.

Centre for Hindi Studies

About the Centre

The Centre for Hindi Studies was established in 2011 with an integrated M.Phil.-Ph.D. Research programme. The Centre for Hindi Studies started M.A. in Hindi programme in 2015. The focus of the courses is to equip the students in their own language proficiency and enable them to use their skills not only in teaching field but also in today's language industry mainly in translation field, journalism, TV and film industry.

- M.A. in Hindi
- Ph.D. in Hindi

Faculties at the Centre

Dr. Sanjeev Kumar Dubey, Professor and Dean

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

Dr. Bipul Kumar, Associate Professor

Areas of interest: Cinema and Media Studies, Modern Hindi Fiction, Adhunik Hindi Kavita.

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

- Laxmi & Dubey, Sanjeev Kumar., Lokpriy Hindi Cinema aur Stree Vimarsh, Apni Maati, ank- 39, January-March- 2022,
- Dubey, Sanjeev Kumar. Rajesh Joshi: Kavita men Kissagoi ka MaheenHunar, Banaas Jan, Volume-51, July-August 2021,
- Meena Siyaram & Dubey, Sanjeev Kumar., Aupniveshik Kaal men Jharkhand ke Adivasiyon ka Shoshan aur Sangharsh, ApniMaati, ank- 37, July-September- 2021,
- Dubey, Sanjeev Kumar, Rashtra Gourav aur Krishak Karuna ke Kavi: Maithilisharan Gupta, Gagananchal, Volume-4, July-August 2021,
- Dubey, Sanjeev Kumar, Tootate Moolyon aur Bikharte Sambandhon Ke Aakhyaan, SochVichar, Volume-10, April 2021
- Tiwari, Pramod Kumar, Bhojpuri Bhasha aur Sahitya: KuchhYatharth Kuchh Bhram, Sankalp Srijan, 2022 (p.72-75)
- Tiwari, Pramod Kumar, Bharat Bhooshan Madan Mohan Malviya, garbhnaal, p.19-21, 2021.
- Tiwari, Pramod Kumar (2021) Kavita Me Hona Apni Mati-Issue no.-37 (E-magazine), <https://www.apnimaati.com>, 2021
- Tiwari, Pramod Kumar, Kashi aur Kissagoi, Hansh, Issue No.-421. P. 80-82, 2021
- Meena, Gajendra Kumar, Lokrang aur BhumandlikarankeeKissagoi, ApniMaati, ank- 39, January-March-2022, Chittoudgarh, https://www.apnimaati.com/2022/03/blog-post_67.html
- Meena, Gajendra Kumar, Adivasi Sahitya Ke Samaksha Chunoutiyan, ApniMaati, ank- 37, July-September- 2021, Chittoudgarh, https://www.apnimaati.com/2021/11/blog-post_5.html

Papers published in edited Volume

- Tiwari, Pramod Kumar. (2022). Samay se 'sam'milanewalelekhak: Alok Gupta, Edited Book by Ishvarsingh Chouhan, Hasmukh Barot, Niyaj Pathan and Rahul Prasad, "Gujarat Ka Svatantrayottar Hindi Lekhan, Yash Publication, Delhi (978-93-81491-82-9) First addition 2022
- Meena, Gajendra Kumar, Sahityik- SanskritikSetu: Anuvadak Alok Gupta, Edited Book by Ishvarsingh Chouhan, Hasmukh Barot, Niyaj Pathan, Rahul Prasad, "Gujarat Ka Svatantrayottar Hindi Lekhan, Yash Publication, Delhi (978-93-81491-82-9) Frist addition 2022

Books published as author

- Tiwari, Pramod Kumar. (2021).Bhojpuriyat Ke Thati, Sahitya Vimarsh Prakashan Gurugram, Haryana ISBN No. 978-93-92829-12-3
- Tiwari, Pramod Kumar.(2021). Hindi Kavya Bhasha: Sangharsh aur Swaroop, Yash Publications, Delhi ISBN No. 978-93-92265-20-4

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

- Dubey, Sanjeev Kumar, Hindi ka Vaishwik Praridrishya in International Webinar on the topic Vashvik Paridrishya aur Hindi, organized by Maharastra Hindi Akademi and SB College, Thane, Maharashtra, February 21,2022.
- Tiwari, Pramod Kumar. Hindi Katha Sahitya in the International Webinar Hindi evam Urdu Bhasha aur Sahitya:Shodh ki Sambhavanayenaur Samasyayen organized by Centre for Indian Languages, JNU, New Delhi, October 11-13, 2021.

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

- Dubey Sanjeev Kumar, VaishwikaranevamMatribhashaen, in the National Webinar organized by Govt. Lahiri PG College,Koriya, Chhattisgarh, February 21, 2022.
- Tiwari, Pramod Kumar, JanjatiyaBhashayen aur Rashtriya Shiksha Niti in the National WebinarBharat me Matribhashayen: VividhAayam organized by Kamala Nehru College, Delhi University, March21, 2022.
- Tiwari, Pramod Kumar. Rashtriya Shiksha Niti aur Bhasha in the National Seminar (Blended mode)Rashtriya Shiksha Nitiaur Sahitya organized by Umiya Arts and Commerce College Ahmedabad and Gujarati Bhasha Sahitya kendra, Central Univerisity of Gujarat, Gandhinagar(Gujarat) March 21, 2022
- Tiwari, Pramod Kumar.Workshop on Planning and preparation of brochure for National conference on Indian Folk Literature organized by Regional Institute of Education, NCERT, Bhopal, October 28-29, 2021
- Tiwari, Pramod Kumar.Bhartiya Kala, Samskriti aur BhashaonkeSandarbhmeinRashtriya Shiksha Niti in the seminar Rashtriya Shiksha Niti: Bhasha aur Sahitya organized by Sarkari Vinayan College, Gandhinagar, September 25-26, 2021
- Meena, Gajendra Kumar.AdivasiBhashayen aur Rashtreeya Shiksha Neeti, Webinar topic on "Rashtreeya Shiksha Neeti aur Sahitya, Umiya Arts and Commerce College Ahmedabad and Gujarati Bhasha Sahitya kendra, Central Univerisity of Gujarat, Gandhinagar (Gujarat) March 21, 2022

- Meena, Gajendra Kumar, Bheel Adivasi Darshan, Seminar Topic on “BheelNeeti Darshan” organized by ShreeGovind Guru Government College, Banswada. (Rajasthan) November 26, 2021
- Meena, Gajendra Kumar, Vagadee Sahitya men Harkhar Peed: Aaj rai BagatParman, Webinar topic on “Rajasthani Sahitya men Harkhar Peed: Aaj rai BagatParman” organized by Department of Rajasthani, Mohanlal Sukhadia University, Udaipur. (Rajasthan), June 20, 2021

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

- Dubey Sanjeev Kumar, Bhasha Udyog aur Hindi, organized by DAV College, Amritsar, Panjab, July 13, 2021.
- Dubey Sanjeev Kumar, PrmchandkeSmarneeyPaatra, Premchand Jayanti Samaroh, organized by Bhasha SamanvayVedi, Kerala, July 31, 2021.
- Dubey Sanjeev Kumar, Hindi Cinegeeton ki Samvedana aur Sarokar, organized by Bishop College, Kottayam, Kerala, September 23, 2021.
- Dubey Sanjeev Kumar, Hindi: Sanskritik Ekta aur Rojgaaronmukhta,, organized by Tolani College, Adipur, Gujarat, September 13, 2021.
- Dubey, Sanjeev Kumar, Curriculum Designing, Outcome based Learning and Choice based Credit System, GurudakshyaKaryakram, HRDC, Allahabad University, on November 18, 2021.
- Dubey, Sanjeev Kumar, Curriculum Designing, Outcome based Learning and Choice based Credit System, GurudakshyaKaryakram, HRDC, DDU Gorakhpur University, December 16, 2021.
- Dubey, Sanjeev Kumar, Curriculum Designing, Outcome based Learning and Choice based Credit System, GurudakshyaKaryakram, HRDC, DDU Gorakhpur University, January 27, 2022.
- Dubey, Sanjeev Kumar, Rajesh Joshi ke Kavya Sarokar, Refresher Course, HRDC, Jodhpur University, on September 10, 2021.
- Dubey, Sanjeev Kumar, Rajesh Joshi ki Kavitaen, Refresher Course, HRDC, Calicut University, September 10, 2021.
- Dubey, Sanjeev Kumar, Hindi Navjagran aur MaithilisharanGupt, Refresher Course, HRDC, Calicut University, November 15, 2021
- Dubey, Sanjeev Kumar, Hindi for Professional Development, Distinguished Guest Lecture, Dept. of Hindi, Calicut University, August 09, 2021
- Dubey, Sanjeev Kumar, Samkalin Hindi Kahani: PravrittievanVyapti, Refresher Course, HRDC, Sagour University, February 18, 2022.
- Tiwari, Pramod Kumar.Bhasha aur Jeevan in Jethalal Joshi smriti vyakhyanmalaorganized by Gujarat PrantiyaRashtrabhashaprachar Samiti, Rashtrabhasha Hindi Bhavan, Elicebridge, Ahmedabad, March 12, 2022
- Meena, Gajendra Kumar, Lecture on “Karyalayeen Hindi” the Programme organized by Udayabhansinghjee Kshetreya Sahakari Prabandh Sansthan, Gandhinagar. Gujarat. January 27, 2022

- Meena, Gajendra Kumar, Facebook live Lecture on “Poorvottarkee Adivasi Sanskritik Vishishtata” The Programme “Hindi Sahitya KeAaine Men PoorvottarBhrat, Organized by Sarakari Vinayanevram Vanijya College, Vankal, Gujarat. August 9, 2021.

Participation in training/ orientation/refresher programme

- Tiwari, Pramod Kumar, 65th One week online Interdisciplinary Faculty Development Programme on “Madhyakalin Sahitya, Samaaj aur Sahitya” being organized by Mata Sundri College, University of Delhi in collaboration with Mahatma Hansraj Faculty Development Centre (MHRFDC), Hansraj College during 12th – 18th November, 2021.
- Meena, Gajendra Kumar, 67th Refresher course in Indian Languages by UGC-HRDC Sardar Patel University, Vallabh Vidyanagar, online mode from September 27 to October 10, 2021, as a Participant

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students admitted in 2021-22
Dubey, Sanjeev Kumar	Ph.D.	02
Tiwari, Pramod Kumar	Ph.D.	01
Meena, Gajendra Kumar	Ph.D.	02

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

Dubey, Sanjeev Kumar

- Controller of Examinations (Offg.)
- Chairperson, Admission Committee and Nodal Officer, CUCET – 2021
- Honorary Director, Centre for Sindhi Language and Literature
- Member of University Court
- Member of Executive Council
- Member of Academic Council
- Chairperson, School Board of Studies (SLL&CS)
- Chairperson, CASR, SLL&CS
- Chairperson, Centre Board of Studies (CHS)
- Chairperson, Rajbhasha Karyanvayan samiti

Kumar, Bipul

- Member of Committee for preparation of Annual Report 2021-22
- Member of Stage Management committee, Convocation-2022

Tiwari, Pramod Kumar

- Member of the University Cultural committee.
- Member of Rajbhasha Samiti.
- Member, Centre Board of Centre for Hindi Studies.
- Member of organizing committee Hindi Week 2021.
- Member, School of Language Literature and Cultural Studies School Board.
- Member of Annual Report Committee 2021-22

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 Committee for preparation of Annual Report 2020-21
- Member of organizing committee Hindi Week 2021.
- Member of Equal Opportunity Cell.
- Member of Board of Studies for Centre for English Studies.
- Member of Hospitality committee, Convocation-2021

Centre for Sindhi Language and Literature

The Centre for Sindhi Language and Literature (CSLL) has been established at Central University of Gujarat (CUG), Gandhinagar in 2016. The Memorandum of Understanding (MoU) has been signed between Central University of Gujarat (CUG), Gandhinagar and National Council for Promotion of Sindhi Language (NCPSL), Ministry of Education, New Delhi. The Centre seeks to promote studies and research in the areas of Sindhi Language, Literature, Art, Culture, Music, Drama and Folklore. The activities of Centre are conducted by the annual interest earned from the corpus fund of One Crore received from NCPSL. During the year 2021-22, the following activities were undertaken by the Centre for Sindhi Language and Literature:

1. Celebrated Sindhi Language Constitutional Recognition Day on 10th April, a webinar was organized by the Centre for Sindhi Language and Literature on 10th April 2021. Dr JethoLalwani, recipient of the prestigious Sahitya Akademi Award 2020 for his Sindhi language book titled **Jehad** (a collection of plays in Sindhi) was invited as a special guest of the webinar. The event was telecast live on Facebook. It is to be noted that a large number of people joined the event through various online modes.
2. An online event was organized for the launching of Dr. Aruna Jethwani's book *The Blended Roots* on 7th October 2021.

3. The Centre celebrated Matribhasha Diwas (International Mother Tongue Day) in the month of February, 2022. Various events like Elocution Competition and Poetry Recitation Competition were organised in collaboration with Educational Institutions in different cities of Gujarat. The event was organised to propagate and promote Sindhi language.
4. The Centre organized an international webinar on the occasion of Matribhasha Diwas.
5. The Centre organised online poetry competition in collaboration with supporting Educational Institutions in different areas of Gujarat where Sindhi students are studying to propagate and promote Sindhi Language.

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. Minaxi A Parmar, Assistant Professor & Coordinator

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

Dr. Bhakti Gala, Assistant Professor

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

Management of Libraries & Information Centres, Knowledge Management, Information Resources & Services, Information Literacy, School Librarianship, Life Skills, Academic Writing, and Teaching Pedagogy

Dr. Hiten Parmar, Guest Faculty

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

- Potnis, D & Gala, B. (2022). Unified Mobile, Financial, and Information Literacy Toolkit: A Social Innovation for Public Libraries to Alleviate Poverty in Developing Countries. The Library Quarterly, 92 (1). <https://doi.org/10.1086/717230>
- Manu, T R & Gala, B. (2021). Growth and development of Research Data Management in India: A visual analysis of published literature indexed in Scopus. Library Philosophy and Practice. <https://digitalcommons.unl.edu/libphilprac/6651/>
- Pichano K. & Gala, B. (2021). State Library of Nagaland in Preserving Cultural Heritage: An exploratory study with special reference to Hornbill Festival. IASLIC Bulletin. 66(2). 102-112. <https://tinyurl.com/42vp2bun>
- Parmar, Minaxi (2021). Research output of Diaspora at Scopus Electronic platform. The Journal of Oriental Research Madras. ISSN: 0022-3301. September 2021.

- Parmar, Minaxi (2021). શિક્ષણ તથા સંશોધન કાર્યોમાં ઉપયોગી માહિતી-પ્રત્યાયન-સંસાધનોનો પરિચય. Shikshan Sansodhan Journal of Art, Humanities and Social Sciences. Vol.4. issue. 9, September 2021.
- Sahu, Sudam Charan and Kumbar, R. (2021). Impact of COVID-19 on Central University of Gujarat Research Scholars' Access to Library and Resources: An Objective Study. Library Philosophy and Practice (e-journal), 5388. <https://digitalcommons.unl.edu/libphilprac/5388/>
- Shashikumara, AA, & Kumbar, R. (2021). Data Visualization Software Tools for Academic Libraries: An Analysis. Indian Journal of Information, Library & Society, 34 (2)
- Parmar Sagender Singh, Kumbar, R (2021). School Libraries as Promoters of Open Educational Resources to Galvanize Education: An Exploratory Study. Library Philosophy and Practice (e-journal). 6031. <https://digitalcommons.unl.edu/libphilprac/6031>

Papers published in an edited volume

- Potnis, D., Gala, B., Lwoga, E T., Islam, Md. Anwar, Warraich, N. F., Keah, H and Rorrissa, A. (2021). Conducting and Publishing Research in Developing Countries: Challenges and Solutions. Proceedings of the 84th Annual Meeting of the Association for Information Science and Technology, Salt Lake City, Utah, USA, 58(1), 634-638. <https://asistdl.onlinelibrary.wiley.com/doi/10.1002/pra2.516>
- Kumari Madhuri & Parmar Minaxi (2021). Scholar's perception & practices on research data management in the universities of Gujarat: A survey. ICSTRDA-2021 (pp. 36-41). ADR Publication.
- Saranya R & Parmar, Minaxi (20212). Gauging the social media attention of COVID 19 articles. ICSTRDA-2021 (pp. 25-30). ADR Publication.
- Parmar, S & Kumbar, R. Open Pedagogy Model for Promoting Open Educational Resources in Indian Public Schools (2022) Proceedings of the 4th LISACON Conference 2021 conference proceedings 'Open Scholarship and Libraries', edited by Shamprasad Pujar, Satish Munnolli, Rajendra Babu, Sunstar Publisher, Bangalore.

Other Publications (Magazines, Newspapers, web portals)

- Gala, B, (2022, January 18). COVID-19 Health Informatics Project: Experiences from a Pan-South Asia and Asia Pacific Project Funded by ASIS&T. Inside ASIS&T. <https://www.asist.org/publications/inside-asist-newsletter/inside-asist-01-2022/>
- Gala, B. (2021, October 6). Saving Lives: A Health Informatics Project on COVID-19 from the ASIST South Asia Chapter. Information Matters . <https://informationmatters.org/2021/10/saving-lives-a-health-informatics-project-on-covid-19-from-asist-south-asia-chapter/>
- Gala, B. (2021, October). ASIS&T South Asia-Chapter Special Project Funds Awarded 2021. ADINET e-News Digest, 82.2-3. https://www.alibnet.org/public/newsdigest/77_en.pdf
- Kumbar, R. (2021, July). Report on 2-Day workshop 'LIBRARIES-2021' Indian Journal of Information, Library & Society, 34 (2).
- Kumbar, R. (2021, August) Report on 'LIBRARIES 2021' – 2 Day workshop conducted by SLIS & SOE on 27th & 28th February 2021, SLA-India Newsletter. <https://slaindiannewsletter.wordpress.com/2021/07/04/libraries-2021-workshop-report/>

- Kumbar, R. (2021, October) India's Doll Festival: An Educational Tool to Promote Cultural Literacy in International Association of School Librarianship (IASL) Newsletter, 50 (5), 10

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

- Potnis, D., Gala, B., Lwoga, E T., Islam, Md. Anwar, Warraich, N. F., Keah, H and Rorrissa, A. Conducting and Publishing Research in Developing Countries: Challenges and Solutions, Information: Equity, Diversity, Inclusion, Justice, and Relevance, The Association for Information Science and Technology (ASIS&T), 30th October – 2nd November 2021.

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

- Gala, B. (2022). Smart Public Libraries: Redefining their social role in community building and empowerment (સ્માર્ટ પબ્લિક પુસ્તકાલયો: સમુદાય નિર્માણ અને સશક્તિકરણમાં તેમની સામાજિક ભૂમિકાને ફરીથી વ્યાખ્યાયિત કરવી), 7th National Workshop on Public Libraries, Gujarat Pustakalay Mandad, Dwarka, 26-28 March 2022.
- Dr. Minaxi, Collaboration is the imperative tool to the success of FIVE laws of Library Science in the current era, organized by Soference 2021, MS Team, 18th December 2021.

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

- Gala, B. Participated in the International Webinar on Developing Effective Digital Citizens with Empathy, Creativity, and Scientific Inquiry, The National Institute of Library and Information Sciences (NILIS), University of Colombo, ASIS&T South Asia, Sri Lanka Association for the Advancement of Science (SLAAS) and Sri Lanka Library Association (SLLA), 15th March 2022 at 7:30 pm IST, Invited Speaker.
- Gala, B. Cultural Heritage Collections: Observations from India. 2021 NILIS Research Symposium on Cultural Heritage: Bridging the Past, Present, and Future Through Libraries, Museums, and Archives, The National Institute of Library and Information Sciences (NILIS), University of Colombo, Sri Lanka, National Library of Sri Lanka, National Archives of Sri Lanka, Royal Asiatic Society of Sri Lanka, and ASIS&T South Asia Chapter, 24th January 2022, Panelist.
- Gala, B. Research Trends in LIS, Joint AICTE-GTU sponsored Six Days Short Term Training Programme on Role of Libraries & Librarians in Pandemic Era, Resource Centre & IQAC of Gandhinagar Institute of Technology, 21st - 26th February 2022, Resource Person.
- Gala, B. Participated as a panelist for the IFLA SCITECH Webinar on “Health Information Literacy: Content Creation during the COVID Infodemic”, International Federation of Library Associations (IFLA), 5th February 2022, Panelist.
- Gala, B. Health Information Literacy: Perspectives for creating multilingual content. International webinar on “Acceleration of health information literacy: Preparing multilingual covid-19 contents for South Asia region”, Department of Library and Information Management, University of Dhaka and ASIS&T South Asia Chapter, 18th December 2021, Invited Speaker.
- Gala, B. International collaborative workshop for school librarians on “Fostering the next generation authors and helping people stay safe from COVID-19”, ADINET, ASIS&T South Asia Chapter, and the School Library Association India, 11th December 2021, Organizer & Speaker.

- Gala, B. Research Metrics, Research and Publication Ethics, The Centre of Publication Ethics (COPE), The Maharaja Sayajirao University of Baroda, 17th October 2021, Resource Person.
- Gala, B. Databases, Research and Publication Ethics, The Centre of Publication Ethics (COPE), The Maharaja Sayajirao University of Baroda, 16th October 2021, Resource Person.
- Gala, B. The Role of Libraries in the Holistic Development of Students, 17th National Librarian's Day, Vanita Vishram Women's University, Surat, Gujarat, 12th August 2021, Invited lecture.
- Kumbar, R. Research Ethics & Publication Misconduct, PhD Coursework Lecture Series, School of Liberal Studies, PDEU, Gandhinagar, 28th April 2021, Invited talk
- Kumbar, R. Manoeuvring Open Education Resources (OERS) for Hybrid Education System, Teacher's Enrichment session, Jamnabai Narsee School, GIFT City, Gandhinagar 2nd September 2021. Invited talk.
- Kumbar, R. 'Proactive role of Librarians in empowering Teachers and Students' and 'Effective Management: Key to successful Education', Induction Training Program, Punjab School Education Department, 15th & 20th December 2021. Invited talks.
- Kumbar, R. Women Librarianship: Issues & Challenges, Department of Library and Information Science, Karnataka State Akkamahadevi Women's University, Vijayapura, 6th March 2022. Invited talk.
- Kumbar, R. Publication Misconduct and Research Ethics. Interdisciplinary Refresher Course in Social Sciences, HRDC, Karnatak University, Dharwad, 15th March 2022. Invited talk.

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

- Gala, B. How to create a Youtube video on the story for sharing? ASIS&T South Asia Chapter, The University of Hong Kong, and Academy 22 Education for all, 5th March 2022. Co-organizer.
- Gala, B. How to translate the story from the native language into English? ASIS&T South Asia Chapter, The University of Hong Kong, and Academy 22 Education for all, 26th February 2022. Co-organizer.
- Gala, B. How to learn the art of creating questions II? ASIS&T South Asia Chapter, The University of Hong Kong, and Academy 22 Education for all, 19th February 2022. Co-organizer.
- Gala, B. How to learn the art of creating questions I? ASIS&T South Asia Chapter, The University of Hong Kong, and Academy 22 Education for all, 12th February 2022, Co-organizer.
- Gala, B. Techniques on digital art creation II, ASIS&T South Asia Chapter, The University of Hong Kong, and Academy 22 Education for all, 5th February 2022, Co-organizer & Moderator.
- Gala, B. Techniques on digital art creation I, ASIS&T South Asia Chapter, The University of Hong Kong, and Academy 22 Education for all, 29th January 2022, Co-organizer.

- Gala, B. NILIS Research Symposium on Cultural Heritage: Bridging the Past, Present, and Future Through Libraries, Museums, and Archives organized by the NILIS, University of Colombo, Sri Lanka, National Library of Sri Lanka, National Archives of Sri Lanka, Royal Asiatic Society of Sri Lanka, and ASIS&T South Asia Chapter, 24th January 2022, Co-chair.
- Gala, B. What are the roles of robots in our society? ASIS&T South Asia Chapter, The University of Hong Kong, and Academy 22 Education for all, 22nd January 2022, Co-organizer.
- Gala, B. How to write a story about AI/Artificial Intelligence, ASIS&T South Asia Chapter, The University of Hong Kong, and Academy 22 Education for all, 8th January 2022, Co-organizer & Moderator.
- Gala, B. Curtain Raiser Seminar of Library Technology Conclave 2022, organized by Informatics in collaboration with Somaiya Vidyavihar University, Mumbai, 7th January 2022, Organizing Committee Member.
- Gala, B. How to write a creative story, ASIS&T South Asia Chapter, The University of Hong Kong, and Academy 22 Education for all, 1st January 2022, Co-organizer.
- Gala, B. Comparative Librarianship between the Philippines, and India. SLIS, CUG, Organized an international collaborative event with the School of Library and Information Studies, the University of the Philippines, 27th November 2021 from 11:30 am to 1:00 pm, Organizer.
- Gala, B. National Library Week Celebrations, SLIS, CUG, 15-20 November 2021. Assisted in organizing by inviting speakers.
- Gala, B. Information Resilience as a Precondition to Build a Resilient Community: A New Research Paradigm by Dr. Sabuj Kumar Chaudhuri, Associate Professor in the Department of Library & Information Science at the University of Calcutta, Kolkata, 16th September 2021, Organizer & Moderator of the webinar on the ASIS&T platform.
- Gala, B. Deployment of Knowledge Management: A Ripple Effect by Dr. Shantanu Ganguly, Librarian, AIIMS, Delhi in collaboration with ASIS&T Special Interest Group on Knowledge Management and South Asia Chapter, 26th August 2021, Organizer & Moderator of the webinar on the ASIS&T platform.
- Gala, B. Webinar I: Research Opportunities for Library & Information Science Students and Professionals, SLIS, CUG, 12th June 2021, participated by introducing the speakers.
- Gala, B. Disaster Preparedness in Libraries at SLIS, CUG, 12th June 2021, Co-organizer.
- Gala, B. Fake News and Misinformation at SLIS, CUG in collaboration with ASIS&T USA, ADINET (a state-level association in Gujarat, India), 30th June 2021, Co-organizer.
- Gala, B. Introduction to Audio Visual Resources: Discovery and Access through the works of Satyajit Ray (Indian Filmmaker and Author), SLIS, CUG, 29th May 2021, Co-organizer.
- Kumbar, R. ADINET Work Group Meeting of Special Interest Groups - Coordinators Meet, 22nd May 2021, Member
- Kumbar, R. Online Management Development Program on 'Public Procurement (Basic)', ARNIFM, 7th -10th June 2021. Deputed to attend as representative of SLIS, CUG.
- Kumbar, R. Webinar to Engage Alumni through Virtual Environment - 'WEAVE – 2021' as part of Alumni Activity, SLIS, CUG, 12th June 2021. Organizer.

- Kumbar, R. Webinar on 'Innovative Practices and Perspectives - Ed 2', ADINET, 17th July 2021. Participated as Moderator.
- Kumbar, R. 'International Day of Universal Access to Information – Right to know', SLIS, CUG, 5th October 2021. Co-organizer.
- Kumbar, R. 3rd Meeting of Board of Studies, Somaiya Vidyavihar University, Mumbai, 27th October 2021. Participated as Member, BOS
- Kumbar, R. Open Access Week 2021, SLIS, CUG, 25th to 27th October 2021. Co-organizer.
- Kumbar, R. ANALECTS @ SLIS, National Library Week, 15th – 20th November 2021. Co-organizer.
- Kumbar, R. '1st International Research Methodology Workshop for Humanities and Social Sciences' conducted by Dept. of English Parul University, Vadodara, 24 December 2021. Chaired a session.
- Kumbar, R. 'Assignments and Beyond', School Alumni Activity, SLIS, CUG, 2nd January 2022. Organizer
- Kumbar, R. Attended online Training of Officials of Autonomous Bodies, Institutions, etc. under MoE by GEM, 20th January 2022. Deputed to attend as Purchase Officer, SLIS
- Kumbar, R. Presented Book Review 'Who moved my cheese' for ADINET Book Club, 29th January 2022. Presenter.
- Kumbar, R. Research Advisory Committee meeting for Onima Dakpe and Mohd. Raziq, School of Education, CUG, 31st January 2022. Member.
- Kumbar, R. CHARM Activity & School Alumni Event 'Informed Generation at School of Library and Information Science Share Perspectives of Engaging with and Accessing of Knowledge Sources (iGEN @SLIS SPEAKS), 25th February 2022. Organizer.
- Kumbar, R. Focus Group Discussion – Faculty Members, CUG as part of Gender Championship Activities, 14th March 2022. Organizer & Moderator.

Research projects undertaken

- Gala, B. Dealing with COVID-19 and saving people's lives in South Asia (SA) areas & beyond - A health informatics promotion project. The Association for Information Science & Technology (ASIS&T, USA), 7000\$ (USD), 1st May 2021 to 31st May 2022 (Principal Investigator, Ongoing).
- Gala, B. International Digital Story Writing Competition: AI and Health, The University of Hong Kong, \$149,960 (HKD), 2021 – 2022 (Partner, Ongoing)

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

Dr. Bhakti Gala

- Member, CASR, SLIS
- Member, RAC, SLIS
- Member, CUG LMS Training Committee

- Member, Departmental Academic Integrity Panel (DAIP) of School of Library and Information Sciences.
- Member, Departmental Academic Integrity Panel, School of National Security Studies
- Member, Departmental Academic Integrity Panel, Centre for Comparative Literature and Translation Studies, School of Language, Literature and Culture Studies

Dr. Minaxi Parmar

- Coordinator, SLIS,
- CASR, SLIS
- Member. BOS, SLIS
- Member, RAC, SLIS & SE
- Convener, EBSB, CUG
- Member, Departmental Academic Integrity Panel (DAIP) of School of Library and Information Sciences.
- Member, Departmental Academic Integrity Panel (DAIP) of Diaspora Studies
- Member, SAC, CUG
- Member, Discipline Committee

Dr. Rashmi Kumbar.

- Member, CASR, SLIS, CUG
- Member, RAC, SLIS, CUG
- Member, CUG LMS Training Committee
- Nodal Person, Alumni Cell, CUG
- SLIS Representative, Placement Cell, CUG
- Purchase Officer, SLIS, CUG
- Member, Committee for Gender Championship Activities, CUG
- Member, Board of Studies, Somaiya Vidyavihar University, Mumbai

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. 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

- Modi, U., Makwana, P., & Vasita, R. (2021). Cancer spheroid co-culture: Molecular insights of metastasis and cancer progression derived using 3D cancer spheroid co-culture in vitro platform. *Journal of Critical Reviews in Oncology/Hematology*, 168, 103511. <https://doi.org/10.1016/j.critrevonc.2021.103511>
- 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>

- Solanki, R., Rostamabadi, H., Patel, S., & Jafari, S.M. (2021). Anticancer nano-delivery systems based on bovine serum albumin nanoparticles: A critical review. *International Journal of Biological Macromolecules*, 193, 528-540. <https://doi.org/10.1016/j.ijbiomac.2021.10.040>.
- Jangid, A., Patel, K., Jain, P., Patel, S., Medicherla, K., Pooja, D., & Kulhari, H. (2021). Carrier-free resveratrol nanoparticles: Formulation development, In-vitro anticancer activity and oral bioavailability evaluation. *Materials Letters*, 302, 130340-130344. <https://doi.org/10.1016/j.matlet.2021.130340>
- Jain, P., Patel, K., Jangid, A. K., Guleria, A., Patel, S., Pooja, D., & Kulhari, H. (2021). Biotinylated Mn₃O₄ nanocuboids for targeted delivery of gemcitabine hydrochloride to breast cancer and MRI applications. *International Journal of Pharmaceutics*, 606, 120895-120905. <https://doi.org/10.1016/j.ijpharm.2021.120895>
- Bhardwaj, G., Vakani, M., Srivastava, A., Patel, D., Pappachan, A., Murumkar, P., Shah, H., Shah, R. & Gupta, S. (2021). Swertisin, a novel SGLT2 inhibitor, with improved glucose homeostasis for effective diabetes therapy. *Arch. Biochem. Biophys.*, 710, 108995. [doi: 10.1016/j.abb.2021.108995](https://doi.org/10.1016/j.abb.2021.108995)
- Patel, B., Patel, D. & Pappachan, A. (2021). Ile209 of Leishmania donovani xanthine phosphoribosyltransferase plays a key role in determining its purine base specificity. *FEBS Lett.*, 595(16): 2169-2182. [doi: 10.1002/1873-3468.14162](https://doi.org/10.1002/1873-3468.14162)
- Jani, J., & Pappachan, A. (2022). A review on quality control agents of protein translation - The role of Trans-editing proteins. *Int. J. Biol. Macromol.*, 199, 252-263. [doi: 10.1016/j.ijbiomac.2021.12.176](https://doi.org/10.1016/j.ijbiomac.2021.12.176).
- Jangid, A. K., Solanki, R., Patel, S., Pooja, D., & Kulhari, H. (2022). Genistein encapsulated inulin-stearic acid bioconjugate nanoparticles: Formulation development, characterization and anticancer activity. *International Journal of Biological Macromolecules*, 206, 213-221. <https://doi.org/10.1016/j.ijbiomac.2022.02.031>
- Joshi, S., & Mishra, S. (2022). Recent advances in biofuel production through metabolic engineering. *Bioresource technology*, 352, 127037. <https://doi.org/10.1016/j.biortech.2022.127037>
- Saini, M., Mushtaq, A., Yadav, S., Rawat, S., Rani, N., Gupta, K., & Saini, K. 2022. Green synthesis of rod shaped ZnO using extract of Origanum majorana leaf and investigation for antibacterial applications. *IOP Conference Series Materials Science and Engineering*, 1225:012048. <https://iopscience.iop.org/article/10.1088/1757-899X/1225/1/012048>

Papers published in edited volume

- Modi, U., Kedaria, D., Dhimmar, B. & Vasita, R. (2021). Translational studies of nanofibers based scaffold for skin and bone tissue regeneration. In S. Singh (Ed.), *Emerging trends in Nanomedicine* (pp. 129-172). Springer Nature.
- Jani, J. Pappachan, A. (2021). Protein analysis: From sequence to structure. In: V. Singh, & A. Kumar (Eds.), *Advances in Bioinformatics*. Springer, Singapore. https://doi.org/10.1007/978-981-33-6191-1_4.

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

- S. Patel, & A. Datta, Biophysical insight into the binding of chlorin p₆ to sudlow's site II of

human serum albumin, ACS Spring 2021 on Macromolecular Chemistry: The Second Century, April 5-30, 2021.

- A. Pappachan, Functional characterization of the anti-leishmanial drug target- Xanthine phosphoribosyl transferase, International conference on biotechnology for resource efficiency, energy, environment, chemicals and health (BREEECH-2021), IIP, Dehradun, December 1-4, 2021.
- S. Joshi, Applications of metabolic engineering in sustainable production of biofuels, International conference on biotechnology for resource efficiency, energy, environment, chemicals and health (BREEECH-2021), IIP, Dehradun, December 1-4, 2021.
- S. Patel, & R. Solanki, Fabrication of evodiamine-loaded bovine serum albumin nanoparticles and its anticancer activity, 15th International symposium on recent trends in cancer prevention and interception-bench to bedside, Jawaharlal Nehru University (JNU) and Cancer Research & Care Academy, February 22-23, 2022.

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

- Pappachan, Protein analysis- from sequence to structure, Online FDP, Dr. Vikram Sarabhai Institute of Cell and Molecular Biology, The M S University of Baroda, Gujarat in collaboration with Department of Biotechnology, National Institute of Technology, Warangal, Telangana, May 21, 2021.
- Pappachan, Biological Macromolecules - Proteins (From sequence to structure approach), Parul Institute of Applied Sciences and Center of Research for Development, Parul University, July 8, 2021.
- Pappachan, Bioinformatics tools and techniques to aid in protein characterization, Hands on workshop on bioinformatics: The Virtual reality of biology, Department of Microbiology, LJ University, January 18, 2022.
- S. Patel, & R. Solanki, Enhancing the anticancer activity of evodiamine by using bovine serum albumin nanoparticles for breast cancer treatment, National Virtual Seminar on “Nanotechnology: Chemistry and Biology at the interface of 21st century” Ashok & Rita Patel Institute of Integrated Study & Research in Biotechnology and Allied Sciences (ARIBAS), March 4, 2022.

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

- A. Pappachan, X-ray crystallography, Institute of Science, Nirma University, April 7, 2021.
- R. Vasita, Nanotechnology approach for protein based therapy development as part of SSR activity of SERB project, Centre of Biotechnology, University of Allahabad, December 15, 2021.

Participation in training/ orientation/refresher programme

- Pappachan, Management development program on Public procurement for government officers, Arun Jaitely National Institute of Financial Management, Faridabad, May 17- 20, 2021, Participant.
- S. Rawat, Faculty development program on Outcome based education, PMMMNMTT, Ramanujan College, University of Delhi, July 15-21, 2021, Participant.

- S. Rawat, Faculty development program on Drug discovery from lab to industry in biotechnology, Department of Biotechnology, NIT, Andhra Pradesh, August 23-27, 2021, Participant.
- S. Rawat, Short term training program on IPR, UGC-HRDC, DAVV, Indore, September 20-25, 2021, Participant.

Research projects undertaken

- R. Vasita, Development of bio inspired dual drug delivering nanofibrous scaffold for bone tissue engineering, Nanomission, DST-Govt. of India, Rs. 37,57,560/-, 2017-2021 (Completed).
- A. Pappachan, Biophysical characterization of adenylosuccinate lyase- a potential drug target from Leishmania donovani- A computational and molecular approach, DBT North-East Twinning Program, Rs. 18,09,950/-, 2017-21 (Completed).
- Pappachan, Cloning, protein purification and characterization of ornithine decarboxylase, an important protein involved in acid stress tolerance in Lactobacillus sp, UGC Start Up Grant, Rs. 8,00,000/-, 2019 -2021 (Completed).
- Pappachan, Understanding the molecular determinants of the unique substrate specificity of a potential anti-Leishmanial drug target- Xanthine phosphoribosyl transferase, ICMR, Rs. 33,97,939/-, 2021-24 (Ongoing).
- R. Vasita (Co-PI), Development of radiation resistant fiber reinforced tungsten nanocomposites for future fusion reactors, SERB-DST, 2022-25.
- R. Vasita, Assessment of scaffold-based co-culture device for in vitro cell culture application, SERB-TETRA, Rs. 30,00,000/-, 2022-24.

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

Prof. Seema Rawat

- Member of the Executive Council & Academic Council
- Dean, School of Life Sciences
- Provost
- Member of IQAC
- Chairperson, Institutional Biosafety Committee
- Chairperson of School Board, CASR, Local Purchase Committee, Admission Committee of School of Life Sciences
- Member of Committee for Advanced Studies and Research (CASR), SCS, SAMS, SNS & SESD
- Member of Technical Committee for Evaluation of Technical Specification of Scientific Equipments & University Purchase Committee
- Member of University Purchase Committee
- Member of Advisory Committee for Central Instrumentation Facility

- Nodal Officer, Grievance Redressal Committee for students

Dr. Rajesh Vasita

- Deputy Director, Research & Development Cell
- Member, University Placement Cell
- Member of School Board, School of Life Sciences
- Member of Committee for Advanced Studies and Research (CASR), School of Life Sciences
- Member of Institutional Biosafety Committee
- Placement Nodal Officer, School of Life Sciences
- Member of Local Purchase Committee, School of Life Sciences

Dr. Sunita Patel

- Member of the fourth Academic Council
- Member of Committee for Advanced Studies and Research (CASR), School of Life Sciences
- Member of School Board, School of Life Sciences
- Member of Committee for recommending Research Journals to UGC-CARE list
- Warden of NICM Girls Hostel
- Member of Institutional Biosafety Committee
- Drawing and Disbursing Officer
- Member of Local Purchase Committee, School of Life Sciences

Dr. Anju Pappachan

- Member Secretary of Institutional Biosafety Committee
- Purchase Officer, School of Life Sciences
- Swayam Coordinator, School of Life Sciences
- Alumni Cell Coordinator, School of Life Sciences

School of Nano Sciences

About the School

The school of Nano Sciences is presently offering M.Sc. & Ph.D. in Nanoscience which 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 and journals 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.

Faculties at the School level

Prof. Pallavi Sharma, Professor and Dean (I/C)

Areas of interest Nanobiotechnology, Stress Biology of Plants, Molecular Environmental Biology, Environmental Biochemistry and Biotechnology, Phytoremediation

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 Nano-Biotechnology (Drug delivery and Agriculture)

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

- Dubey, A., Bhavsar, N., Pachchigar, V., Saini, M., Ranjan, M., & Dube, C. L. (2022). Microwave assisted ultrafast synthesis of graphene oxide based magnetic nano composite for environmental remediation. *Ceramics International*, 48(4), 4821-4828. <https://doi.org/10.1016/j.ceramint.2021.11.018>
- Shiyani, T., Agrawal, S., Markna, J. H., Banerjee, I., & Dube, C. L. (2022). Biohybrid photoelectrodes for solar photovoltaic applications. *Bulletin of Materials Science*, 45(1), 1-7.
- Jain, P., Patel, K., Jangid, A.K., Guleria, A., Patel, S., Pooja, D., & Kulhari, H. (2021). Biotinylated Mn_3O_4 nanocuboids for targeted delivery of gemcitabine hydrochloride to

breast cancer and MRI applications. *International Journal of Pharmaceutics*, 606, 120895. <https://doi.org/doi: 10.1016/j.ijpharm.2021.120895>

- Jangid, A.K., Patel, K., Jain, P., Patel, S., Medicherla, K., Pooja, D., & Kulhari, H. (2021). Carrier-free resveratrol nanoparticles: Formulation development, In-vitro anticancer activity, and oral bioavailability evaluation. *Materials Letters*, 302, 130340. [DOI: https://doi.org/10.1016/j.matlet.2021.130340](https://doi.org/10.1016/j.matlet.2021.130340)
- Jangid, A.K., Solanki, R., Patel, S., Pooja, D., & Kulhari, H. (2022). Genistein encapsulated inulin-stearic acid bioconjugate nanoparticles: Formulation development, characterization and anticancer activity. *International Journal of Biological Macromolecules*, 206, 213-221. <https://doi.org/doi: 10.1016/j.ijbiomac.2022.02.031>
- Kourani, K., Jain, P., Kumar, A., Jangid, A.K., Swaminathan, G., Durgempudi, V.R., Jose, J., Reddy, R., Pooja, D., Kulhari, H., & Kumar, L.D. (2022). Inulin coated Mn₃O₄ nanocuboids coupled with RNA interference reverse intestinal tumorigenesis in Apc knockout murine colon cancer models. *Nanomedicine: Nanotechnology, Biology and Medicine*, 40, 102504. <https://doi.org/doi: 10.1016/j.nano.2021.102504>
- Badgujar, H. F. & Kumar, U. (2021). Green approach towards morphology-controlled synthesis of zein-functionalized TiO₂ nanoparticles for cosmeceutical application. *European Journal of Pharmaceutical Sciences*, 167, 106010. <https://doi.org/10.1016/j.ejps.2021.106010>
- Badgujar, H. F., Bora, S. & Kumar, U. (2021). Eco-benevolent synthesis of ZnO nanoflowers using Oxalis corniculata leaf extract for potential antimicrobial application in agriculture and cosmeceutical. *Biocatalysis and Agricultural Biotechnology*, 38, 102216. <https://doi.org/10.1016/j.bcab.2021.102216>
- Srivastav, A. K., Jaiswal, J., & Kumar, U. (2021). In silico bioprospecting of antiviral compounds from marine fungi and mushroom for rapid development of nutraceuticals against SARS-CoV-2. *Journal of Biomolecular Structure and Dynamics*, 1-12. <https://doi.org/10.1080/07391102.2021.2023048>
- Raval, B., Srivastav, A. K., Gupta, S. K., Kumar, U., Mahapatra, S. K., Gajjar, P. N., & Banerjee, I. (2022). Synthesis of exfoliated multilayer graphene and its putative interactions with SARS-CoV-2 virus investigated through computational studies. *Journal of Biomolecular Structure and Dynamics*, 40(2), 712-721. <https://doi.org/10.1080/07391102.2020.1817788>
- Vuggili, S. B., Gaur, U. K., & Sharma, M. (2022). 2D/2D facial interaction of nitrogen-doped g-C₃N₄/In₂S₃ nanosheets for high performance by visible-light-induced photocatalysis. *Journal of Alloys and Compounds*, 163757. <https://doi.org/10.1016/j.jallcom.2022.163757>
- Singh, G., Ghosh, A., Pandey, P., Kushwaha, A., Gaur, U. K., & Sharma, M. (2022). Persistent peroxidase-mimic of Ce-MoSe₂ nanosheets: A colorimetric approach for glucose detection in serum samples. *Materials Letters*, 132084. <https://doi.org/10.1016/j.matlet.2022.132084>
- Singh, G., Kushwaha, A., & Sharma, M. (2022). Ultra-trace detection of caffeine and theophylline with high sensitivity and selectivity using Gd₂ (MoO₄)₃ nanosheets. *Materials Today Communications*, 103390. <https://doi.org/10.1016/j.mtcomm.2022.103390>

- Singh, G., Kushwaha, A., & Sharma, M. (2022). Highly sensitive and selective detection of serotonin and dopamine with stable oxidation potentials using novel Dy₂MoO₆ nanosheets. *Materials Chemistry and Physics*, 125782. <https://doi.org/10.1016/j.matchemphys.2022.125782>.
- Singh, G., Kushwaha, A., & Sharma, M. (2021). Electrochemistry of Gd₂(MoO₄)₃-rGO nanocomposite for highly sensitive and selective detection of hazardous hydroquinone and chloramphenicol. *Journal of Environmental Chemical Engineering*, 9(6), 106713. <https://doi.org/10.1016/j.jece.2021.106713>
- Singh, R., Misra, A.N. & Sharma, P. (2022). Genome-wide transcriptional response of contrasting genotypes of industrial crop castor to As(V) stress: Identification of genes and mechanisms associated with As(V) tolerance. *Industrial Crops and Products*. 179(5), 114678. <https://doi.org/10.1016/j.indcrop.2022.114678>
- Khan, E.A., Ahmed, H.M., Misra, M., Sharma, P. & Misra, A.N. (2022) Nitric oxide alleviates photochemical damage induced by cadmium stress in pea seedlings. *Phyton*, 91(5), 959:973. <https://doi.org/10.32604/phyton.2022.018708>
- Rahul, R. & Sharma, P. (2022) Identification of cadmium tolerant and sensitive genotypes of castor and their contrasting responses to cadmium treatment. *Environmental Science and Pollution Research* 29 (11), 16052-16065. <https://doi.org/10.1007/s11356-021-16596-2>
- Singh, R., Misra, A.N. & Sharma, P. (2021) Safe, efficient, and economically beneficial remediation of arsenic-contaminated soil: possible strategies for increasing arsenic tolerance and accumulation in non-edible economically important native plants. *Environmental Science and Pollution Research* 28 (45), 64113–64129. <https://doi.org/10.1007/s11356-021-14507-z>

Papers published in edited volume

- Jangid, A.K., Jain, P., Pooja, D., & Kulhari, H. (2021). Emerging trends in nanomedicine. In *Introduction to Nanomedicines: Basic Concept and Applications* (pp. 1-23). Springer
- Tavker, N., & Sharma, M. (2022). Nanosensors for intelligent food packaging, In *Nanosensors for Smart Agriculture* (pp. 737-756). Elsevier
- Kushwaha, A., Singh, G. & Sharma, M. (2022) Stability and fate of nanoparticles in foods. In *Current Trends in Nanotechnology for Food Applications* (pp. 1-20). Apple Academic Press

Books published as author

- Pandey, V.C., Gajic, G., Sharma, P. & Roy, M. (2022). *Adaptive phytoremediation practices: Resilience to climate change*. Elsevier

Other Publications (Magazines, Newspapers, web portals)

- Sharma P. (2022) जैव विविधता: प्राकृतिक संतुलन की अहम वजह। *Paryawaran Perspective*. <http://paryawaranperspective.com/wp-content/uploads/2022/02/PP-Feb.-2022-final.pdf>

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

- Kumar Umesh, Dynamic protein nanoparticles for drug delivery and agriculture applications, International Online Conference on Materials Science and Technology (ICMT 2021) Kottayam, Kerala, India organized by Mahatma Gandhi University, Kottayam, Kerala, India & Gdansk University of Technology, Poland & Wroclaw University of Technology, Poland, November 12-14, 2021

- Sharma Pallavi, Role of energy efficiency strategies in urban planning for sustainable development, International Webinar on Role of Transportation, Environment and Energy in Integrated Urban Planning-2021 (RTEE-IUP 2021) organized by Central University of Jharkhand, November 25-26, 2021

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

- Kulhari Hitesh, Targeted dendrimers as potential nanostructures for drug delivery, One-week e-workshop organized by Ramaiah Institute of Technology, Bengaluru and Indian Institute of Chemical Engineers, Kolkata, October 4-9, 2021
- Kulhari Hitesh, Targeted nanomedicines as anticancer therapy, Short-Term Course Recent interests in Pure & Applied Sciences, Sabarmati University, Ahmedabad, November 15-19, 2021
- Kulhari Hitesh, Nanoparticles mediated delivery of anticancer therapeutics. National Symposium on Nanomaterials, Mehsana Urban Institute of Sciences, Ganpat University, Mehsana, December 29, 2021
- Kulhari Hitesh, Develop your skill through next generation formulation research. Skill Development Program for Tribal students in North East Region of India, NIPER Guwahati, December 21-23, 2021
- Kumar Umesh, Dynamic protein nanoparticles for drug delivery and agriculture applications, Invited talk, International Online Conference on Materials Science and Technology (ICMT 2021) Kottayam, Kerala, November 12-14, 2021
- Sharma Manu, Designing of CoWO₄ nanostructures based electrochemical sensor for the detection of hazardous hydroquinone, International symposium of the materials of millennium: Emerging trends and future prospects (MMETFP-2021), PDEU Gandhinagar, Materials Research Society of India November 19-21, 2021
- Sharma Pallavi, Biodiversity conservation measures and issues in five day workshop on Multidisciplinary Approaches of Environmental Sciences organized by School of Environment and Sustainable Development, Central University of Gujarat, July 28, 2021

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

- Dube Charu Lata, Electron microscopic characterization of materials, Expert talk, Pandit Deendayal Energy University, Gandhinagar, January 29, 2022
- Sharma Pallavi, Biodiversity and Conservation, In-service Course KV Sabarmati at Kendriya Vidyalaya Sabarmati, Ahmedabad on December 25, 2021.

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

- Kumar Umesh, Two Week Faculty Development Programme (Online) on Pedagogy and Assessment in Higher Education: NEP 2020, Department of Education CUPB, January 5-18, 2022, Participant
- Dube Charu Lata, UGC Sponsored 2nd Online Refresher Course in Chemistry, Gujarat University, August 16-29, 2021, Developed an e-content in 4-quadrants entitled Microwave Chemistry and its applications

- Dube Charu Lata , International Conference on Condensed Matter and Device Physics - 2021, organized by PDEU, Gandhinagar, September 9-11, 2021, Session chair
- Kumar Umesh , International Online Conference on Materials Science and Technology (ICMT 2021) 12th - 14th November 2021 Kottayam, Kerala, India, Session chair.
- Sharma Manu, Indo-US virtual Workshop on India Mission for Green Hydrogen and Go Electric, IIT Mandi (India) and Northeastern University (US), March, 6-17, 2022, Participant
- Sharma Manu , Virtual Seminar on Intellectual Property Rights (especially on Patents), by Central Instrumentation Facility (CIF), Natural Sciences, Jamia Millia Islamia, New Delhi February 28, 2022, Participant
- Sharma Manu, National Science Day events on the theme Role of women for a sustainable future, Internal Complaints Committee, Central University of Gujarat, February 28, 2022, Participant
- Sharma Pallavi, webinar on Recent trends and advances in Bioremediation technologies, School of Environment and Sustainable Development, Central University of Gujarat, August 16 -18, 2021, Coordinator
- Sharma Pallavi, Expert lecture by Kumud Malika Tripathi, School of Nano Sciences, Central University of Gujarat, December 7, 2021, Chairperson

Participation in training/ orientation/refresher programme

- Dube Charu Lata, Two Week Research Methodology Training Programme for Faculty Development (Online), Centre for Studies in Economics & Planning, School of Social Sciences, Central University of Gujarat, Gandhinagar, June 7- 18 2021, Participant
- Sharma Pallavi, Two-days online training course for teaching faculty of Universities and Colleges on 'Conservation Issues in India' from July 19-20, 2021. Participant

Research projects undertaken

- Dube Charu Lata (PI), Development of radiation resistant fiber reinforced tungsten nanocomposites for future fusion reactors, Science & Engineering Research Board, DST, GOI, Rs 46, 69167, 17 March 2022-16 March 2025
- Kulhari Hitesh (PI), Mucoadhesive dendrimers-based preservative-free ophthalmic nano formulation of Nepafenac, Science & Engineering Research Board, DST, GOI, 37 Lakhs, 23 March 2019-19 June 2022

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered (only(new) number) during 2021-22)
Dubey, Charu Lata	Ph.D.	0
Kulhari, Hitesh	Ph.D.	0
Kumar, Umesh	Ph.D.	1
Sharma, Manu	Ph.D.	0
Sharma, Pallavi	Ph.D.	2

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

Sharma Pallavi

- Dean (I/C), School of Nano Sciences, CUG
- Member, Academic council, CUG
- Member, Court of the CUG
- Convener and Chairman, Committee for Advanced Studies and Research (CASR) of School of Nano Sciences, CUG
- Swayam Coordinator for School of Environment Science and Sustainable Development, CUG
- Member, Standing Committee for Scrutiny of the Pilot Project, CUG
- Member, Committee to undertake the Academic and Administrative Audit exercise of schools of the University, CUG
- Member, School board, School of Nano Sciences, CUG
- Faculty incharge, MALDI-TOF, CIF, CUG
- Member, Task force committee for implementation of NEP 2020 at CUG
- Member, Department Academic Integrity panel, Centre for studies in Science, Technology and Innovation polity, School of Social Sciences, CUG
- Member, Department Academic Integrity panel, School of Life Sciences, CUG
- Member, Department Academic Integrity panel, School of Nano Sciences, CUG
- Member, SESD MSc. Admission committee, CUG
- Member, Committee to suggest modalities to implement holistic education, CUG
- Member, Vice chancellor nominee in selection committee for appointment of JRF in ICMR project in SLS, CUG
- Member, Committee for Advanced Studies and Research, School of Life Sciences, CUG
- Member, Committee for Advanced Studies and Research, School of Environment and Sustainable Development, CUG
- Member, Committee for recommending journals to UGC CARE list, CUG
- Member, Technical committee for evaluation of technical specification of scientific equipment, CUG
- Member, Garba organizing committee 2021, CUG
- Member, Local Purchase committee of School of Nano Sciences, CUG
- Member, Centre Board of Studies, for Centre of Applied Chemistry, School of Applied Material Sciences, CUG
- Member, School level Admission committee, SNS, CUG

- Member, Committee for monitoring the teaching of Holistic and Multidisciplinary Education Courses, CUG
- Chairperson, Committee to open Dean and Proctor office, Sector 30 which was occupied by Late Prof. Indrani Banerjee, CUG
- Member, PhD Interview Panel, School of Education, CUG
- Member, Merit Club Committee, CUG
- Member, ad hoc Board of Studies for holistic education, CUG

Dube Charu Lata

- Faculty in-charge for DSC, Powder-XRD of Central Instrumentation Facility (CIF), CUG.
- Member of EBSB committee, CUG.
- Member of Plagiarism Committee, School of Nano Sciences, CUG.
- Member of committee for Gender Championship Activities, CUG.
- SWAYAM Coordinator, School of Nano Sciences, CUG.

Kulhari Hitesh

- 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
- Purchase officer, Local Purchase Committee, School of Nano Sciences, CUG.
- Nodal Officer, Alumni Cell, School of Nano Sciences, CUG.

Kumar Umesh , Assistant professor

- Instrument In charge for AFM and fluorescence microscope
- Part of committee member for formulating guidelines for reopening of CUG campus post COVID
- Purchase Officer, School of Nano Science
- Member, Committee for Advanced Studies and Research, School of Nano Science
- Committee member for Gender Champion activities at CUG
- Member of School Board of School of Nano Sciences
- Member of Local Purchase committee for School of Nano Sciences.

Sharma Manu, 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
- Instrument In charge of TEM, CIF, CUG
- Deputy Nodal Officer, CUCET Entrance Exam, CUG
- Member of 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. Currently, there are three centres within the School; (a) Centre for Security Studies (CSS); (b) Centre for Studies in Strategic Technologies; and (c) Centre for Maritime Security Studies.

Centre for Security Studies

Founded as Centre for Internal Security in 2009, the centre is functioning under the School of National Security Studies beginning from the Academic Year 2018-19. 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. The Centre's objective is to disseminate the existing knowledge and generate new knowledge, pertaining to issues of security through teaching and research. The centre aims to train new generation of scholars and analysts in security studies and aspires to inculcate much needed interest in the discipline.

Centre for Strategic Technologies

The Centre for Strategic Technologies is a new center established under the School of National Security Studies (CUG) in 2018. The center occupies a distinctive place in the Indian university system, because for the first time students are taught cyber security theory, through research programs, providing data-driven analysis, cyber law, and privacy, surveillance and innovational technology. Strategic technologies are broadly understood as those technologies which have an impact on national security. The center will work at the intersection of strategy, technological change and evolution and their impact on a country's foreign and military strategy.

Centre for Maritime Security

Centre for Maritime Security is one of the first two centres to be set up under School of National Security Studies that was established in 2018. The Centre aims to establish itself as centre of excellence in the field of maritime security in India, promoting policy relevant research and analysis through collaboration with government, policy practitioners, academics and industry. 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. Given the importance of Gujarat's historical connections with the larger world, the Centre aims to focus on issues related to Gujarat's coastal and maritime security.

The University has an MoU with Naval War College, Goa and intends to explore other such possibilities of academic and research collaboration with the institutions engaged in the field of maritime studies. The Centre soon plans to start a six-month certificate course in maritime security and training programmes for officials from the Indian Navy, Coast Guard and other interested stakeholders. In future, it will also offer a PhD programme with an inter-disciplinary focus relating to history, international relations and strategic studies.

Centre for Security Studies

Faculties at the Centre level

Dr. Sanjay Kumar Jha, Professor and Dean

Areas of Interest: 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

Areas of Interest: Nuclear Deterrence and Strategy, Chinese and Pakistani nuclear and missile capabilities, Proliferation of nuclear weapons and technology, Nuclear Disarmament, India's Defence Ecosystem, Higher Defence Management

Dr. Kishor Jose, Assistant Professor

Areas of Interest: Non-traditional Security Challenges, Energy Security, Central Asia's Politics and Society

Dr. Nongmaithem Mohandas Singh, Assistant Professor

Areas of Interest: 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

Areas of Interest: Multilateralism and Global Governance, Conflict, Security and Development, EU as a Global Actor, India's Foreign Policy

Mr. T.K. Singh, Assistant Professor

Areas of Interest: Cyber Security, Terrorism and Counter Terrorism, Intelligence & Counterintelligence, Low Intensity Conflict, Civil Military Cooperation

Centre for Strategic Technologies

Dr. Shrish Kumar Tiwari, Assistant Professor

Areas of Interest: Cyber Law-Information Technology Act, Privacy Law, Data Protection, Information Security, E-Commerce

Dr. Sourabh Kumar, Assistant Professor

Areas of Interest: India's foreign and defense policy, India's space security, Traditional and Non-traditional security challenges French Language

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

- Tiwari, Shrish Kumar, (2020). Ethical Challenges in E-Governance for Transforming India. *Adhyayan* 10(2). 75-80.
- Tiwari, Shrish Kumar, (2021). Remote Working is Workplace of the Future. *International Research and Reviews Journal*. 8(2).
- Singh, T.K. and Oinam Ghanashyam Khumancha. (2021). India's domestic Cyber Security and Cyber Crime: A Case Study of Social Media and Darknet Management by Manipur Police. *Electronic Journal of Social and Strategic Studies*, 2(II).193-210. <https://doi.org/10.47362/EJSSS.2021.2210>.

- Sandra, V. and Jose, Kishor. (2021). India's Security Imperatives and Cooperation in The Indian Ocean Region: Need For Multilateral Approach. Research Journal of Philosophy & Social Sciences. 47(2). 212-221.
- Tiwari, Shrish Kumar, (2022). Data Protection and Right to Privacy. Journal adhyayan. 11(2).

Papers published in edited volume

- Jha, Sanjay Kumar (2021). BRI and Nepal-China Relations. In Manish (Ed.), The Belt and Road Initiative: Implications for India (pp. 123 – 140). Pentagon Press.
- Vishwanathan, Arun (2021). China's Digital Belt and Road Initiative: Emerging Concerns. In Manish (Ed.), The Belt and Road Initiative: Implications for India (pp. 277-298). Pentagon Press.
- Vishwanathan, Arun (2022). India's Higher Defence Organisation: Recent reforms and the way ahead. In Anshuman Behera and Sitakanta Mishra (Eds.), Varying Dimensions of India's National Security: Emerging Perspectives (pp. 61-74). Springer.
- Tiwari, Shrish Kumar (2021). Sanatan Jivan Paddhti Ki Vartmankal Me Prasangikta: Corona Aapda Ke Vishes Sandarbh Me. In Dr. Rasmi Pant, Dr. Chandravati Joshi, Dr. Lalita Joshi (Ed.), COVID 19: Bhartiya Pariprekshya me vividh aayam (pp. xx-xx). Harswardhan Publication. (pp. 100-106)
- Tiwari, Shrish Kumar (2022). Aazadi Ka Amrit Mahotasav. In Vivek Maheshwari, Alok K. Pandey and Amit K. Tiwari, (Eds.), Yog Evm Vishva Shanti. (pp. 13-17). Prapya Vidya Evm Jain Sankruti Savrakshan Santhan.
- 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. Springer.
- Singh, Manasi. 2021. India, Europe and Connectivity: From Shared Views on BRI to Mutual Cooperation? In Rajendra K. Jain (Ed.), India, Europe and Asia: Convergence and Divergence. Palgrave Macmillan.

Other Publications (Magazines, Newspapers, web portals)

- Singh, Manasi, and Jena Devasmita. 2021, August 4). Towards a deeper partnership. The Telegraph. <https://www.telegraphindia.com/opinion/towards-a-deeper-partnership-india-eu-fair-trade-agreement/cid/1825132>

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

- Singh, Manasi, "Reimagining SAARC in post-pandemic South Asia: Towards a New Raison d'etre" webinar on Reconstructing the Region in South Asia, jointly organized by Goa Univeristy and South Asian University, 12-13 August 2021.
- Kumar, Sourabh, "India-France Space Cooperation in the 21st Century: From Collaboration to 'Security Dialogue'" in International Conference on "Global Dynamics and Contemporary Challenges: Europe and India" Organised by : Centre for Studies in Strategic Technologies, SNSS, CUG, in collaboration with Centre for European Studies, SIS, JNU Indian Centre for Cultural Diplomacy and Organisation of Diaspora Initiatives, New Delhi.

- Singh, T.K., India's Cybersecurity Structure, (in the VIth Session) at Two-Day National Conference on National Security and Cyberspace: Issues and Challenges jointly organised by Central University of Gujarat, and Rashtriya Raksha University on 23 and 24 November 2021.

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

- Jha, Sanjay Kumar, “Terrorism and National Security on the occasion of Anti-Terrorism Day” at Central University of Gujarat. 21 May 2021 Delivered a lecture
- Jha, Sanjay Kumar, “Futuristic challenges in Public Order Management in online workshop on “Public Order & Security” at CRPF Academy, Gurugram. 21 May 2021. Delivered a lecture
- Jha, Sanjay Kumar, “Systems Approach to Law and Order, Social Responsibility of Police: Scope and Limitation”, to the senior officials of Police and Central Armed Police Forces (CAPF) in the 'Senior Level Internal Security Course' at Internal Security Academy of CRPF, Mount Abu. 22 April 2021. Delivered a lecture
- Jha, Sanjay Kumar, “The Concept of Internal Security” to the senior officials of Police and Central Armed Police Forces (CAPF) in the 'Senior Level Internal Security Course' at Internal Security Academy of CRPF, Mount Abu. 22 April 2021. Delivered a lecture.
- Jha, Sanjay Kumar, 4 Pillars of UN Global Counter-Terrorism Strategy in the One Day Webinar on Counter-Terrorism at Centre for Counter-insurgency and Counter-Terrorism (CCICT), School of Internal Security and Police Administration (SISPA) Rashtriya Raksha University, Lavad – Dehgam, Gandhinagar on 17th August 2021. Delivered the expert talk
- Jha, Sanjay Kumar, “Methodological Challenges in the Study of Conflict and Violence” at Week Online Faculty Development Programme on Research Methodology & Research Writing organized by Rashtriya Raksha University, Gandhinagar on 16 September 2021. Delivered a lecture
- Jha, Sanjay Kumar, “International Terrorism and Global Security” at 8th Refresher Course in Global Studies (IDC): International Relations and World Politics organised by UGC-Human Resource Development Centre, Jawaharlal Nehru University, New Delhi on 26 November 2021 from 02.00 pm to 03.30 pm. Deliver a Lecture (online)
- Singh, Manasi, “Globalization and Global Economic Governance”, Amity University Noida, 22 October 2021. Delivered a lecture.
- Vishwanathan, Arun, “Intelligence and National Security: The Indian Case”, online lecture at School of Military Affairs, Strategy and Logistics, Rashtriya Raksha University, Gandhinagar on 19 May 2021. Delivered a lecture.
- Vishwanathan, Arun, “US Departure from Afghanistan: Implications and the Road Ahead” at one week Online National Seminar on Afghanistan: Post US Troop Withdrawal organised by Dept of Defence and Strategic Studies, KBC North Maharashtra University, Jalgaon, Maharashtra. 30 October 2021. Delivered a lecture.
- Vishwanathan, Arun, UG students on the topic “Introduction to Global and Indian Intelligence Agencies” at Jai Hind College, Mumbai, 21 September 2021. Invited Lecture (Online)

- Vishwanathan, Arun, Research Methodology at Gujarat National Law University (GNLU) for Ph.D. scholars on Course on Research Ethics and Publication. 10 December 2021. Delivered 3 lectures.
- Vishwanathan, Arun, “Causes of War” at University of Mumbai. 17 December 2021. Delivered a lecture (Online).
- Vishwanathan, Arun, “Digital media and Research” at International Conference Parul University, Vadodara. 21 December 2021. Delivered a lecture (Online).
- Vishwanathan, Arun, “Moving from Rhetoric to Action on Preventing Nuclear War” at the India–US Cooperation on Global Security Strategic Security Threats of 21st Century organised by the US National Academy of Sciences and the National Institute of Advanced Studies, Bangalore. 11 March 2022. Delivered a lecture.
- Vishwanathan, Arun, “Important tenets of Foreign Policy and Security Studies” at the Dept. of Politics and Public Administration, Madras University, 25 March 2022. Delivered a lecture.
- Tiwari, Shrish Kumar, “Round table Conference, on Sexual harassment of Women on Workplace”, Organized by Internal Complaint Committee, CUG, 9 December 2021. Speaker.

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

- Jha, Sanjay Kumar, “Conceptual Understanding of Cyberspace and National Security” at Two Day National Conference on, “National Security and Cyber Space: Issues and Challenges” jointly organised by Rashtriya Raksha University and CUG on 23 November 2021. Chaired a session
- Jha, Sanjay Kumar, Two Day National Conference on, “National Security and Cyber Space: Issues and Challenges” jointly organised by Rashtriya Raksha University and CUG on 24 November 2021. Chaired a session
- Vishwanathan, Arun, “Emerging Trends, Government Response and Future Pathways” at Two Day National Conference on, “National Security and Cyber Space: Issues and Challenges” jointly organised by Rashtriya Raksha University and CUG on 23 November 2021. Chaired a session
- Singh, Manasi, Annual Maritime History Conclave (online) held on 27 November 2021. Session moderator
- Singh, T.K., Two-Day National Conference on National Security and Cyberspace: Issues and Challenges jointly organised by Central University of Gujarat, and Rashtriya Raksha University on 23 - 24 November 2021. Seminar Coordinator
- Singh, T.K., Cyber Governance, Law and Warfare” at Two Day National Conference on, “National Security and Cyber Space: Issues and Challenges” jointly organised by Rashtriya Raksha University and School of National Security Studies, CUG on 24 November 2021. Chaired a session.
- Tiwari, Shrish Kumar, Emerging Issues and Challenges in Cyber Domain and Implications for National Security” at Two Day National Conference on, “National Security and Cyber Space: Issues and Challenges” jointly organised by Rashtriya Raksha University and School of National Security Studies, CUG on 23 November 2021. Chaired a session

- Tiwari, Shrish Kumar, Ekta Diwas: On the Topic: " The Geographical Extent and State Progress of the Nation are Complimentary Organised by CUG AND GGU-BILASPUR on 27 October 2021. Judge in Debate Competition
- Kumar, Sourabh, a webinar on Cyber Awareness on 29 October 2021. Organiser.
- Singh, N. Mohandas. A webinar on "Relevance of Drone Technology in Strengthening India's National Security Ecosystem: Market Trends, Innovation & Policy Developments" by Mr. Rajan Luthra, Leader, Special Projects in the Chairman's Office at Reliance Industries Ltd. (RIL), one of the largest corporate entities in India organized by School of National Security Studies. 20 January 2022. Participated.

Participation in training/ orientation/refresher programme

- Tiwari, Shrish Kumar, short term training programme on Hindu Study- Organised By Gautam Buddha University And Hindu Education -Grater Noida, 3 Days, Attended
- Singh, N. Mohandas. GeM Training Programme. 20 January 2022, organised by Ministry of Education, Department of Higher Education, Government of India. Participated
- Singh, N. Mohandas. Two Week Research Methodology Training Programme for Faculty Development (Online), organised by School of Social Science, Central University of Gujarat, Gandhinagar, 7 – 18 June 2021.

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered (only(new) number) during 2021-22)
Jha, Sanjay Kumar	Integrated M.Phil.-Ph.D.	04
	Direct M.Phil.	03
	Direct Ph.D.	04
Vishwanathan, Arun	Integrated M.Phil.-Ph.D.	01
	Direct M.Phil.	01
	Direct Ph.D.	04
Jose, Kishor	Integrated M.Phil.-Ph.D.	2
	Direct M.Phil.	1
	Direct Ph.D.	01
Singh, Mohandas N.	Integrated M.Phil.-Ph.D.	1
	Direct M.Phil.	2
	Direct Ph.D.	01
Singh, Manasi	Integrated M.Phil.-Ph.D.	2
	Direct M.Phil.	03
	Direct Ph.D.	01

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered (only(new) number) during 2021-22)
Singh, T.K.	Integrated M.Phil.-Ph.D.	-
	Direct M.Phil.	-
	Direct Ph.D.	-
	Guided MA Dissertations	-
Tiwari, Shrish Kumar	Direct Ph.D.	01
Kumar, Sourabh	Direct Ph.D.	02

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

Prof. Sanjay Kumar Jha

- Dean, School of National Security Studies
- Secretary, Finance Committee, Central University of Gujarat (2014-till date)
- Chairman, Departmental Academic Integrity Panel, School of National Security Studies
- 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 of Advanced Studies and Research, School of National Security Studies
- Chairman, University level Purchase Committee, Central University of Gujarat
- Chairman, Board of Studies, Centre for Studies in Strategic Technologies (Cyber/Space Security), School of National Security Studies, Central University of Gujarat
- Member, Academic Council, Central University of Gujarat
- Member, University Building Committee, Central University of Gujarat
- Member, University Court, Central University of Gujarat
- Member, Admission Committee, Central University of Gujarat
- Member, IQAC, Central University of Gujarat
- Member, Committee for preparation of common academic time-table for programmes offered at University Sector-29 campus.
- Member, Library Advisory Committee
- Member, National Education Policy (NEP) Cell, CUG
- Member, Task Force Committee for Implementation of National Education Policy (NEP) 2020, CUG

- 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
- Member, Faculty Board, National Forensic Sciences University

Dr. Arun Vishwanathan

- Chairperson, Centre for Security Studies
- Member, Ad-hoc Board of Studies, Centre for Maritime Security Studies, SNSS
- Member, Board of Studies, Centre for Studies in Strategic Technologies (Cyber/Space Security), School of National Security Studies, Central University of Gujarat
- 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, University Court, Central University of Gujarat
- Nodal Officer, CU Portal, Central University of Gujarat
- Member, Library Advisory Committee
- Member, Local Purchase Committee for General Items
- Interview Panel, Ph.D. in English, Centre for English Studies, SLL&CS, CUG, Admission 2021-22
- Interview Panel, Ph.D. in Strategic Technologies and National Security, CSST, SNSS, CUG, Admission 2021-22
- 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

- Member, CASR, School of National Security Studies

- Member, Board of Studies, School of National Security Studies
- Member, Board of Studies, Centre for Security Studies
- Member, Placement Cell
- Interview Panel, Ph.D. in Strategic Technologies and National Security, CSST, SNSS, CUG, Admission 2021-22

Dr. Manasi Singh

- Coordinator, Centre for Maritime Security Studies, SNSS
- Member, CASR, School of National Security Studies
- Member, Ad-hoc Board of Studies, Centre for Maritime Security Studies, SNSS
- 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
- Interview Panel, Ph.D. in Strategic Technologies and National Security, CSST, SNSS, CUG, Admission 2021-22

Dr. N. Mohandas Singh

- Member, CASR, School of National 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, Centre for Security Studies, School of National Security Studies

Mr. T.K. Singh

- 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.

Dr. Shrish Kumar Tiwari

- Coordinator of CSST-SNSS
- Member of Board of Studies for center for Strategic Technologies(Cyber/Space)-
- Member of Sports advisory committee
- Member of Committee for preparation of action taken report on the MHA
- Member of Library advisory committee
- Member of Raj Bhasha Karyanvayan Samiti

- Member of reconcile assets data
- Member of committee for advance studies and research
- Member of local purchase committee
- Member of Canteen Committee
- Member of Committee for CUG News
- Member of Committee for preparation of annual report

Dr. Sourabh Kumar

- Assistant Public Relation Officer for English Language
- Member, Centre Board of Studies, Centre for International Politics, SIS.
- Interview Panel, Ph.D. in Strategic Technologies and National Security, CSST, SNSS, CUG, Admission 2021-22
- Interview Panel, Ph.D. in Social Management, CSSM, SSS, CUG, Admission 2021-22

School of Social Sciences

About the School

Founded in 2009-10, soon after the establishment School of the University, the SSS Social Sciences is one of the largest and dynamic streams of study at the CUG. It is dedicated to being at the forefront of teaching, learning and research in the diverse fields of social science education. The school ceaselessly establishes interdisciplinary connections to explore and develop in-depth understanding of social, psychological and cultural factors shaping contemporary regional, national, and international issues and offer solutions to them. It achieves a prominent status on the merit of its novel theoretical and methodological approaches, and empirical research. The school endeavours to maintain its tradition of excellence by means of developing and using robust innovative methodologies and models in social sciences to understand increasing diversities of human behaviour and socio-cultural, During the academic year 2021-22, the School accounted for 21 and 25 percent of total number of CUG teachers and students respectively.

Centre for Studies in Economics & Planning

About the Centre

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 analyze 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.

Faculties at the Centre level

Prof Jaya Prakash Pradhan (Professor & Dean (since October 12, 2021), School of Social Sciences and Chairperson, CSEP)

Areas of Interest: Social economics, regional development, industry studies, Indian multinationals.

Prof. Sarita Agrawal, Professor

Area of interest: Economics of education, gender and labour

Dr. Kshamanidhi Adabar, Associate Professor

Area of Interest: Economic Growth and Convergence, Regional Disparities and Development, Econometrics, Macroeconomics

Dr. Tulika Tripathi, Assistant Professor

Area of Interest: Development Economics Health Economics, Women Empowerment, and Labour Economics.

Dr Sarala Dasari, Assistant Professor

Area of Interest: Public Economics and Economics of Education

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

- Agrawal Sarita (2022), 'Agrarian Crisis and industrialization in Rural India: The Case of Non-farm sector', International Journal of Creative Research and Thought, Volume 10, Issue 3 March, 2022
- Pradhan, Jaya Prakash Pradhan (2021), 'Empirical Drivers of SME Formation in Indian States', Orissa Economic Journal, 53(1), pp. 85-124.
- 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>
- Halder, S., & Tripathi, T. (2022). What besets entrepreneurs in renewable energy sector?—Insights from the Indian state of Gujarat. International Journal of Energy Sector Management.
- Sarala, D., & Santosh G. (2021). To Assess the Impact of Government Public Health Services in Gujarat: A Case Study of Dang District. International Journal of Research and Analytical Reviews (IJRAR), 8(4), 700-708. www.ijrar.org
- Choephel, S., & Sarala, D. (2021). Public Expenditure on Elementary Education In The Northeast Region Of India. Towards Excellence Journal, 13(4) 424-437. DoI: 10.37867/TE130439 <https://hrdc.gujaratuniversity.ac.in/Ejournal>

Papers published in edited volume

- Agrawal Sarita, Women in Unpaid Work in India: An Analysis in Women in household economy edited by Archana Sinha, Indian Social Institute, New Delhi, 2021
- Behera Murari and Agrawal Sarita, Understanding the Rural agrarian Distress: An analysis with special reference to Odisha in Pandemic and financial risk management edited by Neelam Panchal, page 181-196, Published by Bookends Publishing, New Delhi, 2021

Books published as author

- Sarala, D. (2021). Public Expenditure and its Impact on Primary Education. Arjun Publication House New Delhi

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

- Behara Murari and Agrawal Sarita, Paper Presented entitled “Examining the Emerging Nature and Trends of Agriculture in The State of Odisha: An Inter-Regional Analysis in Odisha” at 7th International Youth Symposium Held On 28th January 2022 Organized by B. K. School of Professional and Management Studies, Gujarat University, Ahmedabad.

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

- Agrawal Sarita, Union Budget 2022-23, lecture delivered at webinar on the Budget 2022-23 “Budget pe Charcha” organised by Students for Holistic Development of Humanity (SHoDH), Gujarat.

- Agrawal Sarita, Pre and post independent India: An Economic overview, lecture delivered at a 5 days lecture series on Bharat@75 organised by SHoDH South Tamilnadu on August 13, 2021.
- Agrawal Sarita, “Best practices in Research”, lecture delivered at Pre-registration course work on “Research and Publication ethics” for Ph. D. students at Veer Narmad South Gujarat University, Surat on August 14, 2021.
- Agrawal Sarita, Conflict of interest, lecture delivered at Pre-registration course work on “Research and Publication ethics” for Ph. D. students at Veer Narmad South Gujarat University, Surat on August 18, 2021.
- Agrawal Sarita, Nationalism and Quit India movement: panellist and lecture delivered at national webinar on Bhartiya Swatantrata Andolan mein August Kranti ki Halchal organised by Shashakiya SwaShasi Kanya Snatkottar Utkrishta Mahavidhyalay Sagar on September 11, 2021.
- Agrawal Sarita, Recent advances in economics of Education lecture delivered at Online Refresher Course in Economics by UGC-Human Resource Development Centre), Sardar Patel University Vallabh Vidhya Nagar on September 15, 2021.
- Agrawal Sarita, Social Sector Growth-An Indian Perspective, lecture delivered at Online Refresher Course in Economics by UGC-Human Resource Development Centre), Sardar Patel University Vallabh Vidhya Nagar on September 17, 2021.
- Agrawal Sarita, Chairperson at an online Round Table Conference in commemoration of eighth anniversary of notification of Sexual Harassment Act on December 09, 2021 organised by ICC, Central University of Gujarat, Gandhinagar.
- Agrawal Sarita, Expert lecture on India at 75 at Faculty Development Programme organized by Knowledge Consortium of Gujarat, Ahmedabad on November 23, 2021.
- Agrawal Sarita, Lecture on Occupational and Wage Differential Between Men and Women: A Theoretical Approach at a National Webinar on "Unequal Pay: Gender Discrimination at Workplace" sponsored by National Commission for Women, India organised by Post - Graduate Department, Swami Premanand Mahavidyalaya, Mukerian.
- Agrawal Sarita, Resource Person at Refresher Course in Economics on the theme: Recent Developments in Economic Science and in the Indian Economy organised by Department, Swami University, Tirupati on December 23, 2021.
- Agrawal Sarita, “Conceptualizing a Research Design” lecture delivered lecture on 20th February 2022 at 'Ten days Workshop on Research Methodology sponsored by ICSSR and organised by GNLU, Gandhinagar.
- Agrawal Sarita, “Introduction to Quantitative Research Methods ” lecture delivered lecture on 20th February 2022 at 'Ten days Workshop on Research Methodology sponsored by ICSSR and organised by GNLU, Gandhinagar.
- Pradhan, Jaya Prakash Pradhan” Delivered 8th Prof K. M. Pattnaik Memorial Lecture on 'Drivers of SME Formation in Indian States: The Empirics', Orissa Economics Association, 10th May 2021.
- Pradhan, Jaya Prakash Pradhan: delivered a lecture on “Construction of Composite Index for Social Sciences Research” in 54th Refresher Course in Economics through online mode organized by HRDC-JNU: September 27, 2021.

- Tripathi Tulika: "Writing a Research Paper/Journal Article" in ANSIS-ICSSR- Refresher-Training Program on Mar 8, 2022, 10:00 PM, ANSIS, Patana. (Online)
- Tripathi Tulika: "Research in Economics", Workshop on Research METHodology at PDP, Gandhinagar on March 28th 2022.
- Tripathi Tulika "Production Set" workshop on Research Methodology, Department of Economics, Maharaja Krishnakumarsinhji Bhavnagar University, Bhavnagar- University. 30th March 2022.
- Tripathi Tulika "Long term care of Elderly", in Ajadi Ka Amrit Mahotsav, organised by SRTM University, Maharashtra, on 28th December at 11 AM.
- Tripathi Tulika: Co-organised "HDCA Global Dialogue 2021 - South Asia" from 25th September 2021 to 29th September 2021 (Online).
- Tripathi Tulika: Judge "DOCMAD-2021 (Doctoral Colloquium on Management and Development-2021)", November 12 to 17, 2021.
- Tripathi Tulika: Paper presentation: "On the margins for basic needs: COVID-19 and Exclusion in context of sanitisation and plausibility of public policy" organized by XVI International Conference on Public Policy and Management, IIM Bangalore, 2021-08-25
- Adabar Kshamanidhi: Delivered two guest lectures on Bivariate Correlation Analysis and Bivariate and Multiple Regression Analysis as resource person for Capacity Building Training Programme organised by Centre for Social Studies (CSS), Surat during 19th April to 1st May 2021.

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

- Agrawal Sarita, participated in a meeting NITI Aayog, Government of India and the Association of Indian Universities are jointly organizing a meeting with the leading Universities of the country under the Chairmanship of Dr. Rajiv Kumar, Vice Chairman, NITI Aayog on 22nd Feb, 2022.
- Pradhan, Jaya Prakash: Convener, Two Week Research Methodology Training Programme for Faculty Development (Online) during 7th to 18th June 2021 organized by Centre for Studies in Economics and Planning (CSEP), CUG.
- Pradhan, Jaya Prakash: Chair of the Valedictory Session on Four-Day Workshop on Digital Literacy and Online Safety Programme, organized by Internal Complaints Committee and Students Council, Central University of Gujarat, 07 January 2021.
- Pradhan, Jaya Prakash Pradhan: Provided opening remarks in the Roundtable Discussion on "Strengthening Ports, Transport and Logistics Infrastructure of Gujarat towards achieving India's target of USD 5 trillion Economy" organized Ports and Department, Government of Gujarat on 30.03.2022.
- Adabar Kshamanidhi: Co-convener, Two Week Research Methodology Training Programme for Faculty Development (Online) during 7th to 18th June 2021 organized by Centre for Studies in Economics and Planning (CSEP), CUG.

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered during 2021-22)
Prof Jaya Prakash Pradhan	Ph.D.	01
Prof Sarita Agrawal	Ph.D.	01
Dr Kshamanidhi Adabar	Ph.D.	01
Dr Sarala Dasari	Ph.D.	02
Dr Tulika Tripath	Ph.D.	01

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

Prof. Sarita Agrawal

- Member, Board of Examiners, Johannesburg University, South Africa
- Member of RDC, Institute of Advanced Research, Gandhinagar
- Member of RDC, Department of Economics, Gujarat University, Ahmedabad
- Member, Board of Studies in Economics, St. Xavier's College, Ahmedabad.
- Member of the Board of Studies in Language & Humanities under Faculty of Law, Nirma University
- External referee, Banasthali Vidhyapeeth,
- Member, Board of Examiners of Ph.D. thesis, Sardar Patel University, Vallabhvidhya nagar.
- Editor of Open Journal of Social Sciences for 2021-22
- Co-Chief Editor of Research Journal of Education.
- VC nominee for the selection committee at Sardar Patel University, Vallabh Vidyanagar
- Member, scrutiny cum CAS committee, GNLU, Gandhinagar

Pradhan, Jaya Prakash Pradhan

- Member, Research Degree Committee (RDC) in Economics, Gangadhar Meher University, Sambalpur, from 01.03.2021 to 28.02.2022.
- Member, Editorial Advisory Board, Focus: The Journal of International Business, Journal Press India, since 2013.
- Member, Editorial Board, Economics, Management and Financial Markets, Addleton Academic Publishers, New York, since 2009.

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

Prof. Sarita Agrawal

- Dean, School of Social Sciences till October 11, 2021

- Executive Council member till October 11, 2021
- Academic council member
- Chairperson, Committee for implementation of NEP, 2020
- Coordinator, Holistic Education, CUG
- Centre Board of Studies member
- School Board of Studies, member , SSS
- Member, Committee for Advanced Studies and Research, SSS
- Chairperson of Committee for preparation of Annual Report
- Library Advisory Committee member till October 10, 2021
- Member, Publication Grant Committee
- Member: Purchase Committee of University.
- Member: Alumni Cell
- Member: Medal committee for the convocation.
- Member: Library committee
- Member, Research Advisory Committee, CSEP
- Member, Research Advisory Committee, School of Education

Prof. Jaya Prakash Pradhan

- Dean, School of Social Sciences since October 12, 2021
- Chairperson, Centre for Studies in Economics & Planning, from August 18, 2020.
- Member, Executive Council, from December 31, 2021.
- Member, Academic Council, from February 3, 2021.
- Member, Statutes and Ordinance Committee.
- Chairman, Committee for Preparation of SSR for NAAC.
- Member, School Board of Studies, School of Social Sciences
- Member, Committee for Advanced Study and Research, School of Social Sciences.
- Member, Centre Board of Studies, Center for Studies in Economics & Planning
- Chairman, National Education Policy 2020 (NEP) Cell.
- Chairman, CUG Committee for Vision India@2047 for Education Sector.

Dr. Adabar Kshamanidhi

- Member, Centre Board of Studies
- SWAYAM Co-ordinator for CSEP
- Member, RAC for PhD Students

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. Besides class room teaching and dissertation/seminar project writings, field study is the essential component of both programmes. 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.

Programmes offered

- M.A. in Political Science
- M.Phil.-PhD Integrated Programme in Gandhian Thought and Peace Studies

Faculties at the Centre level

Dr. Priya Ranjan Kumar, Assistant Professor & Coordinator

Areas of interest: Theories of International Relations, Peace and Conflict Studies, Peace, Conflict and Security in West Asia, Gandhi's philosophy of nonviolence.

Dr. Dhananjay Rai, Assistant Professor

Areas of interest: Political Thought/Theory, Gandhian philosophy, 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

Mr. Smruti Ranjan Dhal

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/10.1177/0049085721991586>
- Begari, J., & Napari, S., 2021, The impact of covid-19 pandemic on the students in higher educational institutions in India: trends, challenges and possibilities, *International Journal of Multidisciplinary Educational Research* :4(3), 193-211.
- Begari, J., & Mishra, K, Vijay, 2021, M.K. Gandhi's critique of Modernity: His Relevance During the crisis of Covid-19 pandemic, *Towards Excellence*, 13 (3), 812-820.
- Begari, J., 2021, Human Rights Education and Inclusive Perspectives: Relevance in the Contemporary Times, *Towards Excellence*, 13 (3), 538-540.

- Begari, J & Jyoti, 2021, The New Education Policy 2020: Possibilities, Trends and Challenges -Understanding from the Perspective of M.K. Gandhi, Dogo Rangsang Research Journal (print) 11 (2), 1-7
- Begari, J., 2021, Public Policy and Human Rights: Towards Inclusive Society GNLU Journal of Law, Development and Politics 2021 11 (1) 177-196.
- Begari, J., 2021, Debating Liberalism and Communitarianism: From the Perspective of Minority Rights, Towards Excellence, Vol. 13 (4): 922-930.
- Begari, J., 2022, Elevation of Revant Reddy as Telangana Pradesh Congress Committee President: Prospects and Challenges, Dogo Rangsang Research Journal, 11 (12), 139-142,
- Kumar, Priya Ranjan, Mahnaz Zahirinejad and Laxmi Kalundia, 2021, “Gandhi, Non-violence and the Culture of Peace: Reflections on Africa”, Hemispheres Studies on Cultures and Societies, Institute of Mediterranean and Oriental Cultures Polish Academy of Sciences, Warsaw, Poland, 36, 147-157, e-ISSN 2449-8645/ISBN978-83-7452-087-4.

Papers published in edited volume

- Begari, J., 2021, Reclaiming Social Justice and Deepening Democracy, (in edit), Rathod, Akash B.R. Ambedkar: Quest for Justice: Social Justice (Vol.2) New Delhi: Oxford University Press.
- Begari, J., 2021). Conclusion: In search of Ambedkar's Ideal Society, (in edit), Begari, J. B.R. Ambedkar and Social Transformation. Revisiting the Philosophy and Reclaiming Social Justice, Routledge Publications, London.
- 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.
- Kumar, Priya Ranjan (2022), “US, Iran Stand Off and its Impact on India” in A. K. Pasha and Tsupokyemla (Eds.) The Gulf Region? West Asia and India, History, Migration and Trade, New Delhi: Wisdom Publications

Books published as author

Begari J., B.R. Ambedkar and Social Transformation. Revisiting the Philosophy and Reclaiming Social Justice, Routledge Publications, London. 2021.

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

- Rai, D. (2022). Yemuna Sunny, Nature-Society Series [Book Review]. Contemporary Education Dialogue, 19 (1), 172-179. <https://doi.org/10.1177%2F09731849211067924>
- Rai, D. (2021). Book Review [Sanjeev Kumar (Ed.), Gandhi and the Contemporary World, Routledge, 2020, xvi+234 pp., ₹995. ISBN: 9780367479183 (Hardcover). Social Change, 51 (4), 590-593. <https://doi.org/10.1177%2F00490857211051294>
- Rai, D. (2021). Map as Critical Pedagogy. Economic and Political Weekly, 56 (26-27), 43-44 [Book review of Maharashtra (Nature Society Series) by Yemuna Sunny, Bhopal: Eklavya, 2020;

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

- Dhananjay Rai, The Age of Anaesthetics: Pain, Violence, Deaths and Vulnerability in COVID 19, A Wider Discipline For A Smaller World, International Studies Association 2022 Annual Convention, Virtual Platform, March 28, 2022
- Dhananjay Rai, Globalization and Neoliberal Polity: A Study of Dalits in India, Globalization, Regionalism and Nationalism: Contending Forces in World Politics, International Studies Association 2021 Annual Convention, Virtual Platform, 6th - 9th, April 2021.
- Dhananjay Rai, Globalization and Nationalism: A Study of 'Hindu Political, Globalization, Regionalism and Nationalism: Contending Forces in World Politics, International Studies Association 2021 Annual Convention, Virtual Platform. 6th - 9th, April 2021.
- Beryl Anand, Peacemaking in the Arab Israeli Conflict: Consequences for the Gulf region at the Gulf Research Meeting at the Gulf Research Centre, University of Cambridge, (online), July 23 and 24, 2021
- Beryl Anand, United Nations in Crisis in South Asia: A study of the State's Impunity in Myanmar and Sri Lanka in the panel TB (5) Militarisms, Violence, and Resistance Across Global Space and Time, International Studies Association (ISA)-Northeast 2021 Virtual Conference 2021, November 4, 5 and 6.
- Priya Ranjan Kumar, (2021), "Emerging Dynamics of Gulf Maritime Security: An Assessment of regional rivalry and competition", presented paper and was also a discussant in International Workshop No.5, themed on Maritime Security and the Gulf States: Changing Strategies, New Political Rationales, organised by Gulf Research Centre Cambridge, University of Cambridge, the United Kingdom, 23-24 July.

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

- Dhananjay Rai, Gandhi and Constructive Programme, Gandhi ke Rachnatmak Karyakram : Prayog, Prabav aur sambhawnayein (Ajadi ke Amrut mahotsaya), Department of History and IQAC, Government Arts and Science College, Jambughoda, Panch Mahals, Gujarat and Shree A. B.V. Govt. Arts and Commerce College, Surat, Gujarat, Virtual Platform, 14-17 July, 2021
- Dhananjay Rai, Gandhi, Nehru and Ambedkar's Concept of Nation, National Movement: Different Aspects Department of History & Culture, Mahadev Desai Samjseva Sankul, Gujarat Vidyapith, Ahmedabad, Virtual, 5-10 July 2021.
- Jagannatham Begari, Education and social transformation: Perspectives from Subaltern thinkers, organised by Department of Political Science, Telangana Social Welfare Residential College (TSWREIs), Ibrahimpatnam, Telangana, held on 8th May 2021.
- Jagannatham Begari, Dr. B.R. Ambedkar: Democracy and State Socialism, in the National Webinar, On Socio-Economic, Political and Philosophical Interventions of Dr. B.R. Ambedkar, Organised by Central University of Gujarat, Gandhinagar, held on 14th April, 2021.
- Jagannatham Begari, B.R. Ambedkar and Social Justice, one day national webinar on Indian Social Service Heritage: Ideal Personalities, Government Degree College, Godavarikhani, Telangana, held on 30th April, 2021.

- Priya Ranjan Kumar, “Emerging power dynamics in post-Abraham Accord in West Asia: Responses from India” presented in Two day National Seminar, themed on India's Interconnection with West Asian countries: Historical Understanding of Socio-Economic Relations and Future Prospects organised by Centre for West Asian Studies, Jamia Millia Islamia, New Delhi on 18-19 September 2021.
- Priya Ranjan Kumar, delivered a lecture titled as “Changing Structure of West Asian System” on 2nd (14th) Online 2-Week Refresher Course in West Asian Studies (Interdisciplinary) organized by UGC- Human Resources Development Centre, Jamia Millia Islamia, New Delhi, from 02-15 February, 2022
- Mr. Smruti Ranjan Dhal, “Contemporary Political Theory”, Recent Advances in Political Science and International Relations (Online One Week FDP), HRDC, Fakir Mohan University, Balasore, Odisha. 13 December, 2021.
- Mr. Smruti Ranjan Dhal, “Global Justice”, Recent Advances in Political Science and International Relations (Online One Week FDP), HRDC, Fakir Mohan University, Balasore, Odisha. 15 December, 2021.
- Mr. Smruti Ranjan Dhal, “Recent Advances in Political Science and International Relations”, Recent Advances in Political Science and International Relations (Online One Week FDP), HRDC, Fakir Mohan University, Balasore, Odisha. 16 December, 2021.

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

- Jagannatham Begari, Special Invited Guest lecture on the Contribution of Dr. B.R. Ambedkar for National Development, organised by Centre for Social Exclusion and Inclusive Policy, Shivaji University, Kolhapur, Maharashtra, 14th April, 2021, Resource Person
- Jagannatham Begari, Dr. B.R. Ambedkar Memorial Lecture on “B.R. Ambedkar: Cosmopolitanism and Democracy, Dr. B.R. Ambedkar Chair Centre, Saurashtra University, Rajkot, held on 26th March, 2021, Resource Person
- Priya Ranjan Kumar, “Gandhi's Experiment with Satyagraha: Its significance in the Contemporary World”, delivered a invited Lecture as a resource person on commemorating Salt Satyagraha, organized by Gandhi Study Circle and Department of Political Science, Shaheed Bhagat Singh Evening College, University of Delhi, Delhi, 6 April, 2021. Online. Resource Person
- Priya Ranjan Kumar (2021), “The Legacy of Gandhi on the Contemporary Movements”, delivered a invited Lecture as a resource person, organized by Gandhi Study Circle and Department of Political Science, Shaheed Bhagat Singh Evening College, University of Delhi, Delhi, 2 October, 2021, Online, Resource Person.

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

- Dhananjay Rai, Globalization, DNA Kits and Geopolitics, International Studies Association 2021 Annual Convention on Globalization, Regionalism and Nationalism: Contending Forces in World Politics, Virtual Platform. 6 - 9 April, 2021, Discussant

- Dhananjay Rai, GPS Women and Girls “Empo Women” Summit Alumni Engagement Innovation Fund, The Bureau of Educational and Cultural Affairs of the United States Department of State, United States of America, Virtual, 28 August 2021, Resource Person.
- Beryl Anand, International Conference 2022 on Human Security and Governance, Special session on Human Rights and Governance, organized by Interdisciplinary Institute of Human Security and Governance, New Delhi India Centre for Conflict Studies, Middlebury Institute of International Studies, Monterey, California, USA; Security and Women, London, United Kingdom; Department of International Relations, Central University of Jharkhand, India; Amity Institute of Liberal Arts, Amity University Mumbai, Maharashtra, India; Department of Defence & Strategic Studies, Himachal Pradesh University, Shimla, India and Department of International Relations, University of Chittagong, Bangladesh, 23-24 February 2022, Moderator & Discussant
- Priya Ranjan Kumar, delivered a visiting faculty lecture titled on “Approaches to Peace: Peace Keeping, Peacemaking, Post Conflict reconstruction and Peace building” organised by Department of Civics and Politics, Pherozechah Mehta Bhavan & Research Centre, University of Mumbai, Mumbai on 23 May 2021, Resource Person.

Participation in training/ orientation/refresher programme

- Dhananjay Rai, One-Week Faculty Development Programme on “Systematic Literature Review and Meta-Analysis” under the Ministry of Education sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) Teaching Learning Centre (TLC), Ramanujan College, University of Delhi, Delhi, India, August 10-16, 2022, Participant
- Dhananjay Rai, Two-week online Interdisciplinary Refresher course (bilingual) on "Cinema Society & Education IQAC of by Atma Ram Sanatan Dharma College, University of Delhi , in association with Ministry of Education PMMNMTT Teaching Learning Center Ramanujan College, University of Delhi, Delhi, India. April 06-19, 2021, Participant
- Priya Ranjan Kumar, One-Day Workshop Third Emerging Global South Scholar Workshop, The Committee on the Status of Engagement with the Global South (CSEGS) of the International Studies Association (ISA), USA in Collaboration with the Mexican International Studies Association (AMEI), Mexico on 20 October 2021 (Online), Participant.
- Smruti Ranjan Dhal, Two-Week Refresher Course in Social Sciences and Humanities organized by Teaching Learning Center Ramanujan College, University of Delhi, Delhi, India, 12-26 July 2021, Participant

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

Dr. Dhananjay Rai,

- Coordinator, M.A. in Political Science Programme
- Member of CASR
- Member of School Board, School of Social Sciences

Dr. Jagannatham Begari

- Warden, Sector 20 Boys Hostel,
- Coordinator, Remedial Coaching Cell

Dr. Priya Ranjan Kumar

- Coordinator, Centre for Gandhian Thought and Peace Studies
- Member of CASR, School of Social Sciences
- Member of School Board, School of Social Sciences
- Nodal and Grievance Re-dressal Officer of Person With Disabilities
- Internal Committee to look after the Welfare of the Persons with Disabilities
- Member of Research and Advisory Committee, Centre for Science Policy and Innovation, School of Social Sciences

Centre for Studies in Science, Technology and Innovation Policy

About the Centre

The Centre, one of the founding centres of the university, 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 Science, Technology and Society (STS) studies. The centre endeavours to study philosophical, historical, sociological, cultural and developmental dimensions of S&T and equips students to critically analyse STI policies.

Faculties at the Centre level

Dr. Parvathi K. Iyer, Assistant Professor

Areas of interest: Sociology of science & technology, Public engagement with S&T, gender and science in India, philosophy of science, academia-industry collaborations in S&T and governance, risk and regulatory issues in S&T

Dr. Shiju Sam Varughese, Assistant Professor

Areas of interest: Public engagement with science and technology, media and science communication, sociology of science, cultural studies of science and technology, social history of knowledge, science education, knowledge and democracy, regional modernities

Dr. Kunal Sinha, Assistant Professor

Areas of interest: Science, technology and innovation policy, Innovation and socio-economic change, sociology of S&T, research methodology, technology futures analysis, intellectual property rights and development, globalization, state and social Justice, stratification, Indian government and politics

Dr. Hemant Kumar, Assistant Professor & Coordinator, CSSTIP

Areas of interest: Informal sector innovations, systems of innovation, socio-technical transition, science diplomacy and history and philosophy of S&T

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

- Jackson, D., Firtko, A., & Edenborough, M. (2007). Personal resilience as a strategy for surviving and thriving in the face of workplace adversity: A literature review. *Journal of Advanced Nursing*, 60(1), 1-9. <https://doi.org/10.1111/j.1365-2648.2007.04412.x>

- Dubey, M. & Sinha, K. (2021). Role Of Information Communication Technology In Higher Education In Ranchi. İlköğretim Online (IOO) -Elementary Education Online (EEO), 20,1074-1084. <http://dx.doi.org/10.17051/ilkonline.2021.06.114>. <https://ijeponline.org/index.php/journal/article/view/58#:~:text=https%3A//ijeponline.org/g/index.php/journal/article/view/58>
- Kumar, H. & Sharma, G. (2022). Grassroots Innovations and Sustainable Energy Use in Urban Contexts: Case Studies from India. Journal of Science and Technology Policy Management. DOI 10.1108/JSTPM-03-2021-0042.
- Kumar, R. & Sinha, K. (2021). Benefits of Assistive Technology and Policy Implications. International Journal of Economic Perspectives, 15, 320-330.
- Varughese, S. S. (2021). Print Media and Contestations over Knowledge. South Asia Chronicle 11: 167-177. ISBN: 978-3-86004-348-6

Papers published in edited volume

- Patel, C., Sinha, K. (2022) Digitalization of Healthcare System in India—A Perspective and PESTLE Analysis. In: Kaiser M.S., Bandyopadhyay A., Ray K., Singh R., Nagar V. (eds) Proceedings of Trends in Electronics and Health Informatics. Lecture Notes in Networks and Systems, vol 376. Springer, Singapore . https://doi.org/10.1007/978-981-16-8826-3_17
- Sheikh, F.A. & Kumar, H. (2021). Grassroots Innovation: Mainstreaming the Discourse of Informal Sector. In Benoît Godin, Gérald Gaglio and Dominique Vinck. (Eds.). Handbook on Alternative Theories of Innovation. Cheltenham, UK and Northampton, MA, USA: Edward Elgar Publishing. ISBN: 978 1 78990 229 7.
- Varughese, S. S. (2021). “Shasthram, Paristhithi, Arivu” (Science, Environment, Knowledge). In Varkey, Dr. Mothi (ed.). 2021. Jaivadarshanagal: Samooham, Shasthram, Prathirodham [Life Visions: Society, Science, Resistance]. (pp. 77–89). Kozhikode: Mathrubhumi Books (Malayalam). ISBN: 978-93-91451-74-5
- Varughese, S. S. (2021). Posthumanism Malayala Cinimayil: Android Kunjappan Version 5.25-ne Munniriththi Chila Alochanakal [Posthumanism in Malayalam Cinema: Reading the science fiction film, Android Kunjappan Version 5.25]. In Prasad Pannian (ed). 2021. Are you Human? Posthuman Chinthaykkoraamukham [An Introduction to Posthumanism] (pp. 231-242). Kottayam: DC Books. ISBN 9789354321474
- Varughese, S. S. (2021). Sayansum Achadi Adhunikathayum: Shasthra Samvaadaththinte Keraleeya Samoohikacharithram [Science and Print Modernity: A Social History of Public Engagement with Science in Kerala]. In Babu Cherian (Gen. Ed). 2021. Vakkile Lokangal: Achadimalayalaththinte 200 Varshangal [Worlds of the Words: 200 Years of Malayalam Printing in Kerala] (pp. 581–622). Kottayam: Sahitya Pravarthaka Co-operative Society Ltd. (SPCS) & Benjamin Bailey Foundation.
- Varughese, S. S. (2022). Cultural Politics of Engagement: Kerala Sastra Sahitya Parishad and the Shaping of a Scientific-Citizen Public in Kerala. In Suvobrata Sarkar (ed). History of Science, Technology, Environment, and Medicine in India (pp. 79–95). London and New York: Routledge. ISBN 978-1-032-30712-1; South Asia Edition, Routledge India (2022). DOI(of the chapter): 10.4324/9781003241980-6.

Books published as author

- Dubey, M. & Sinha, Kunal. (2021). Information and Communication Technology in Educational Institutions: Comprehensive Studies of Diffusion Model in Higher Education in Ranchi. Notion Press, Chennai

Other Publications (Magazines, Newspapers, web portals)

- Chakrabarty, S. & Varughese, S. S. (eds.). (2021 October-December). Article Series: Mentor-Mentee Relationships in Academia: Nature, Problems and Solutions. Confluence: Science, Scientists and Society (An editorially moderated discussion forum), <http://confluence.ias.ac.in/article-series-mentor-mentee-relationships-in-academia-nature-problems-and-solutions/>
- Varughese, S. S. (2021, October). Asiayenna Adhiniveshananthara Bhookhanda Bhavana" [Asia: The Postcolonial Continental Imagination]. Book review of T. T. Sreekumar. Palayanagal: Adhiniveshangalum Bhookhantaanthara Rashtreeyavum. Anyonyam Trimonthly 1(4), October 2021, pp. 168-171.

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

- Hemant Kumar, "Indian Science and Technology at the time of Independence: A 'Science Diplomacy' perspective." oral paper presented at International Conference on "Role of Indian Science in Freedom Movement" organized by Jawaharlal Nehru University, New Delhi in collaboration with Vijnana Bharti, NIScPR-CSIR, and Vigyan Prasara. February 28-March 1, 2022.
- Hemant Kumar, "'Science Diplomacy' and Development of Science and Technology Education: An Indian Perspective" oral paper presented at "Online International Conference on Global Dynamics and Contemporary Challenges: Europe and India" Organised by JNU Jean Monnet Module, Centre for European Studies, School of International Studies, Jawaharlal Nehru University, New Delhi in collaboration with Centre for studies in Strategic Technologies (Cyber/Space Security), School of National Security Studies, Central University of Gujarat, Gandhinagar, Gujarat, October 20-21, 2021.
- Kunal Sinha "'Digital Convergence and Its impacts on Environment' Paper presented in the Indian Council of Social Science Research (ICSSR-ERC) sponsored two-day International webinar on "Sustainable Development: Taming Consumption, Yearning for Inclusivity" conducted by Centre for Knowledge Ideas and Development Studies (KnIDS), Kolkata, held on February 25-26, 2022
- Kunal Sinha "Digitalization of Healthcare System in India- A Perspective and PESTLE Analysis' Paper presented in at International Conference on trends in Electronics and Health Informatics, TEHI-21 Organized by Pranveer Singh Institute of Technology, Kanpur held online during December 16 - 17, 2021
- Kunal Sinha, "Understanding IPR and its Role in the Electronics sector of India" Paper Presented in "International Virtual Conference on Disciplinary, Interdisciplinary and Multidisciplinary Research, Research India Foundation (RIF) and Chaitanya Deemed to be University, Warangal". October 14th 2021.
- Kunal Sinha, "Understanding the Europe and India Relationship: Its Role in Development of Science and Technology" Paper presented in Global Dynamics and Contemporary Challenges: Europe and India International Conference in Collaboration with JNU, New Delhi, ICCD, ODI, and Central University of Gujarat, Gandhinagar. October 21, 2021

- Kunal Sinha, “Women and Health Issues in India ” Paper Presented in Interdisciplinary International E-Conference “Women in Globalized World”, Department of Sociology and IQUAC, DGC, Gurugram, Haryana. October 30th 2021.
- Varughese, Shiju Sam. “Technology, Caste-Bodies and Labour: Thinking with Dr. B.R. Ambedkar on Inoperativity”, paper presentation at eDARE: Rise to Life: Confessing witness to Life-flourishing Communities, International conference (online) organized by Council for World Mission (CWM), on 25, 27 and 29 October, 2021.

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

- Chandrahash Patel and Kunal Sinha, “Digital Technology Convergence and its Role in Transforming Society” Paper Presented in 46th All India Sociological Conference Online Mode Hosted By Mumbai University, Mumbai RC13- Science, Technology and Society. December 10th 2021.
- Varughese, Shiju Sam. "Posthumanism: An Introduction". Two Lectures delivered as a resource person at the 6th Refresher Course in Malayalam & Kerala Studies from 02.12.2021 to 15.12.2021 (online) organized by UGC HRDC, University of Calicut, Kerala on 13.12.2021
- Varughese, Shiju Sam. “Posthumanism and the Crisis of (Human) Sciences”, invited talk delivered at the one-day National Webinar on The Posthuman Turn, organized by the Postgraduate and Research Department of English and English Association, St. Thomas College, Kozhencherry, Kerala, in collaboration with Mahatma Gandhi University, Kottayam on 17.02.2022.
- Varughese, Shiju Sam. “Science in History: An Introduction to Historical Epistemology”, invited talk delivered on 07.02.2022 in the One-week Online Faculty Development Programme on 'Historical Method and Theory' (interdisciplinary), 3–9 February 2022. Organized by UGC-MHRD STRIDE, Mahatma Gandhi University, Kottayam in collaboration with the Department of History, Union Christian College Aluva.
- Varughese, Shiju Sam. “Social History of Science in India: An Introduction”, invited talk at the National Webinar (under UGC Paramarsh Scheme) on Themes and Perspectives in Indian History: Issues and Prospects, organized by the Internal Quality Assurance Cell (IQAC) in association with Department of History, Newman College, Thodupuzha, Kerala on Tuesday, 28.09.2021.
- Varughese, Shiju Sam. Panelist, Webinar on Disaster and Communities: Vulnerability, Resilience and Preparedness: An Exploration of the Role of Heritage. Jointly organized by National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt. of India and Dharinni-Ecology & Heritage Conservation Trust, 04.02.2022.

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

- Hemant Kumar, Invited expert lecture on "Reimagining the Social Enterprise through grassroots social innovations in India" at the digital national conference on “Sustainable Social Innovation for Rural Integration” organised by the Department of Atal Bihari Vajpayee School of Management and Entrepreneurship (DABVSME), Jawaharlal Nehru University, New Delhi, and the Impact Assessment of Start-Up Village Entrepreneurship Programme, Project funded by Mahatma Gandhi Council for Rural Education, Department of Higher Education, Ministry of Education, Government of India. March 23, 2022.

- Varughese, Shiju Sam. “Shasthraththinte Samskaarika Padanagalkkoramukham” [An Introduction to Cultural Studies of Science], online invited lecture delivered at the Department of Malayalam, Dr. P.K. Rajan Campus, Nileschwaram, Kannur University, Kerala at 7.30 pm on Tuesday, 15.03.2022.

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

- Kunal Sinha, 46th All India Sociological Conference Online Mode Hosted By Mumbai University, Mumbai RC13- Science, Technology and Society. December 10th 2021. Session Chair.

Participation in training/ orientation/refresher programme

- Iyer, Parvathi K.. Interdisciplinary Two Weeks Online Refresher Course/Faculty Development Programme on 'Managing Online Classes and Co-creating MOOCS 7.0', organized by Teaching Learning Centre, Ramanujam College, University of Delhi, under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, in collaboration with CMS College, Kottayam, Kerala, from 5-19 August, 2021.
- Iyer, Parvathi K., Two Weeks Online Refresher Course on Research Methodology for Faculty of Social Sciences organized by Human Resources Development Centre, University of Hyderabad from July 19-31, 2021.
- Kunal Sinha. participated in the Phase -III: AICTE sponsored Short Term Training Programme on Big Data Analytics Using Soft Computing Tools (with AI & ML) conducted by Department of computer Science and Engineering, Rajiv Gandhi University, Rono-Hills, Doimukh-791112, Arunachal Pradesh, held from 29 November 2021.
- Kunal Sinha. Two-Week Inter-disciplinary REFRESHER COURSE on “Research Methodology” Organised by Teaching Learning Centre, Ramanujan College University of Delhi in collaboration with IQAC, Sameer Gandhi Kala Ahavidyalaya & Commerce & Science College, Malshiras Solapur, Maharashtra Under PMMMNMT from 20 February - 06 March, 2022.
- Varughese, Shiju Sam. One week (Online) Interdisciplinary Faculty Development Programme on “Historiography and Research Methodology” (19–24 April 2021) organised by Department of History, Hansraj College in collaboration with Mahatma Hansraj Faculty Development Centre, Hansraj College, University of Delhi.

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered (only(new) number) during 2021-22)
Varughese, Shiju Sam	PhD	1
Sinha, Kunal	PhD	1
Kumar, Hemant	PhD	1

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

Iyer, Parvathi K.

- Member, Institutional Ethics Committee, Indian Institute of Public Health, Gandhinagar

Varughese, Shiju Sam.

- Editorial board member, Confluence: Science, Scientists and Society, web portal of Indian Academy of Sciences, Bengaluru.
- Board member of NCC Review, National Council of Churches in India (NCCI), New Delhi. w.e.f. January 2022
- Academic Mentorship of Ms. Dakshata Lingayat in her research on “Public Engagement in S&T Policy Making”, DST-STI Young Policy Professional hosted at Office of Principal Scientific Adviser to the Government of India as part of the fellowship program at DST-CPR, IISc Bengaluru. W.e.f. 21.09.2021
- Editorial Board member, Vidyankur: Journal of Philosophical and Theological Studies (VJPTS) published by Jnana Deepa Vidyapeeth, Pune, India. ISSN P-2320-9429. w.e.f. January 2021.

Kunal Sinha

- Member, Vidyalay Management Committee (VMC), Kendriya Vidhalay (KV), Sector-30, Gandhinagar

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

Iyer, Parvathi K.

- Member, Board of Studies, Centre for Studies in Science, Technology and Innovation Policy
- Member, School Board of Studies, School of Social Sciences

Varughese, Shiju Sam.

- Member, the Fourth Academic Council w.e.f. 20.02.2020.
- Coordinator, MA Gender Studies Programme, School of Social Sciences
- Member, Zero Semester Committee, w.e.f. 04.06.2021
- Member, Organizing Committee for smooth conduct of awareness activities for eliminating gender based violence as per the directives received from Ministry of Women and Child Development and Ministry of Education vide Office Memorandum F. No. 17-15-2020-U.5 dated 11th December 2020 w.e.f. 05.01.2021
- Member, Board of Studies, Centre for Studies in Science, Technology & Innovation Policy (CSSTIP), School of Social Sciences

Kunal Sinha

- Chairperson, Earn while you learn scheme (2014-till date) Member, Zero Semester Committee (2014-till date)
- Member, Centre Board of Studies-Centre for Studies in Science, Technology and Innovation Policy School of Social Sciences

- Member, MA Social Management,
- Member, Centre Board of Studies, MA Social Work.
- Member, Audit and Accounts, Library.
- Member, IQUAC,
- Member, Academic Council (2021-2023)

Hemant Kumar

- Coordinator, Centre for Studies in Science Technology and Innovation Policy, School of Social Sciences
- Deputy Nodal Officer for CUCET Examinations 2021-22.
- Member Centre Board of Studies, CSSTIP (Since November 2012).
- Member Centre Board of Studies, CSSM, SSS
- Member Centre Board of Studies, CSSD, SSS
- Member School Board of Studies, SSS
- Member Asset Verification Committee, 2019-22

Centre for Studies in Social Management

About the Centre

The Centre for Studies in Social Management (CSSM) was established in Central University of Gujarat 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. The areas of research interests of CSSM are: Governance, Management of Reforms, Social Exclusion, Law and Marginality, Migration, Financial inclusion, Women Empowerment, Corporate Social Responsibility, Police Studies, Criminal Justice Reforms and Institutional Studies.

Faculties at the Centre level

Dr. Sony Kunjappan, assistant professor and coordinator

areas of interest – Social Work Education, Governance, Criminology, Police Studies, Criminal Justice Social Work, Prison Reforms, Juvenile Justice, Justice Education 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 (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. (2021). Social Capital Mobilization through Community Based Organizations for the Effective Management of Rural-Commons: A Study on 'Kudumbashree'. Journal of Rural Development, 40 (3) 373-382.
- Lakshmi MR & Eswarappa K. (2022). Quotidian Beliefs and Practices in Maternal and Child Health Care: An Empirical Study among the Irula Tribe of Tamil Nadu. Contemporary Voice of Dalit, 13 (3), 1-15. Doi: 10.1177/2455328X211066193
- Basu, Sudeep. (2022). Reading 'Ignorance' In Refugee Research. Seminar, 750, 38-40.

Papers published in edited volume

- Kunjappan, Sony. (2021). Family Life in Lockdown and Learning Lessons. In Bhatt Sanjay (Ed.) Life under Lockdown: Lived experiences and lessons learnt. (pp 145-150). Papyrus Scrolls, New Delhi.

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

- Denis Litty and Solanki Jayesh – 'Creation of Capabilities and Gender gaps in skill development landscape: Interpreting through the human development and capabilities framework' at International Conference on Sustainable Development Goals and Gender Perspective, organised by Department of Electrical Engineering, SVNIT, Surat on 25th and 26th October 2021 (Virtual mode).
- Lakshmi Roja – 'Maternal and Child Health Care Practices among Irula tribes' at Interdisciplinary International e-conference on Women in Globalised World organized by Department of Sociology & IQAC, Gurugram on 28th – 30th Aug 2021

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

- Kunjappan Sony – 'New Public Management and Policing', Webinar at Parul Institute of Law held 26th March 2022 – As a Resource Person
- Denis Litty - 'Writing Research Summary and how to convert Thesis in journal article', Certificate Course on Scientific Research Writing organised by IQAC, Gujarat University held on 4th February, 2022 – As a Resource Person
- Denis Litty - 'On the Intersections of Financial Inclusion and Women Empowerment in India', Arivu Lecture Series-13, Prasaraanga Kuvempu University held on December, 2021, – As a Resource Person
- Basu Sudeep – 'Two-day Teachers Workshop on Syllabus Making and Research Methods in Migration and Forced Migration Studies' organized by Mahanirban Calcutta Research Group and Institute of Human Sciences (IWM), Vienna held on 23rd and 24th February 2022, - As a Panelist

Participation in training/ orientation/refresher programme

- Kunjappan Sony - Faculty Development Programme on Design, develop and deliver online courses, 2nd to 6th August 2021

- Kunjappan Sony - Online Short-Term Course on National Education Policy (NEP) 2020, 20th to 26th October 2021
- Basu Sudeep -Reading Refugees, Reading Migration: An (Online) Orientation Course for College and University Teachers, organized by Mahanirban Calcutta Research Group (CRG), in collaboration with Institute for Human Sciences (IWM), Vienna from 17th July, 2021 to 29th August, 2021

Research projects undertaken

- Litty Denis “Enhancing Alternative Livelihood Opportunities for Female Sex Workers - A Study of Role of Not-For Profit Organisations and Micro Finance Institutions in Ahmedabad District” àFunding Agency – Funded Research Project (2021) under Gargi - Centre for the Holistic Development of Women, Dr. Babasaheb Ambedkar Open Universityà Amount Sanctioned Rs. 25000 à Period of Project- 2021-2022 (ongoing)

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered (only(new) number) during 2021-22)
Denis Litty	Ph.D	1

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

Students of Social Work and Social Management were placed for their field work at various Government institutions like District Child Protection Unit, Ahmedabad, District Child Protection Unit, Gandhinagar, Sakhi – One Stop Centre, Ahmedabad, Children Home, Gandhinagar, Nehru Yuva Kendra as well as NGOs like Environment Sanitation Institute, Sabarmati Samruddhi Seva Sangh, Kailash Dham Vruddh Ashram, Amrapali Vruddh Ashram.

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

Dr. Sony Kunjappan

- Coordinator, CSSM
- Member, Ordinance Committee
- International Students' Advisor
- Coordinator, Alumni Cell, CUG
- Member, CASR, SSS
- Member, SSS, School Board
- Member, Board of Studies, (BoS) M.A in Social Work, SSS
- Member, Centre Board of Studies, CSSM
- Member, Admission Committee, Central University of Gujarat
- Member, Discipline Committee, Central University of Gujarat

- RAC Member, Centre for Studies and Research in Education
- Member, Committee for framing Rules and Regulations for Foreign Students.
- Chairman, CSSM Placement Cell

Dr. Litty Denis

- Member, Unnat Bharat Abhiyan Committee, CUG
- Member, Centre Board of Studies, Centre for Studies in Society and Development
- Member, Centre Board of Studies, Centre for Studies in Social Management
- Member, School Board of Studies, School of Social Sciences
- RAC Member, Centre for Studies and Research in Education

Dr. Sudeep Basu

- Member, Centre Board of Studies, Centre for Studies in Social Management
- RAC Member, Centre for Studies in Science, Technology and Innovative Policy, SSS
- RAC Member, Centre for Studies in Society and Development, SSS

Centre for Studies in Society & Development

About the Centre

Established in 2009, The Centre for Studies in Society and Development 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.

Programmes offered

- MA Sociology
- M.Phil.-Ph.D. in Society and Development

Faculties at the Centre level

Dr. Khaikholen Haokip, Coordinator and Assistant Professor

Area of Interests: Human Rights, Social Movements and Tribal Studies

Dr. Jayashree Ambewadikar, Assistant Professor

Area of Interests: Sociology of Marginalised Communities, Studies on Social Exclusion-Inclusion and Studies on Poverty and Social Security Systems

Dr. Sudarshan Papanna, Assistant Professor

Area of Interests: Urban Sociology, Sociological Theory, Philosophy of Social Sciences, Indian Society, Contemporary Social Processes.

Dr. Madhumita Biswal, Assistant Professor (on contract)

Area of Interests: Sociology of Gender, Sociology of Health, Sociology of Development

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

- Laishram, Chinglen & Haokip, Khaikhohlen (2021) Does Caste based Social Stratification Moderate the Relationship Between Social Capital and Life Satisfaction? Evidence from India, International Journal of Sociology, 51:6, 413-432.

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

- Khaikhohlen Haokip presented a paper titled “Politics of Indigeneity in India: The Case of Manipur” at Celebrating T.K Oommen, Conference on State and Society in Contemporary India, organised by the Department of Sociology, University of Hyderabad, in Collaboration with NALSAR, Hyderabad and SOAS, University of London, March 24-26, 2022.

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

- Jayashree Ambewadikar presented paper titled “Nomadic Tribes, Exclusion and Inclusive Policy” in ISS RC-08 Inequality, Stratification and Exclusion in 46th All India Sociology Conference (online) on “Constitution, Minority, Citizenship: Mapping Seventy Years of Indian Republic”, during Century Celebrations of Department of Sociology, University of Mumbai, December, 8, 9 and 10, 2021 .

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

- Jayashree Ambewadikar, delivered lecture as a resource person on “Social Exclusion: Concept and Context” on 21-08-2021 in the UGC sponsored 2nd Online Refresher Course in Social Sciences held from 16-08-2021 to 29-08-2021 for University and College Professors at Human Resource Development Centre, Gujarat University, Ahmedabad.
- Jayashree Ambewadikar, delivered lecture as a resource person on “Multiple sites of Exclusion but limited Inclusion” on 21-08-2021 in the UGC sponsored 2nd Online Refresher Course in Social Sciences held from 16-08-2021 to 29-08-2021 for University and College Professors at Human Resource Development Centre, Gujarat University, Ahmedabad.

Participation in training/ orientation/refresher programme

- Jayashree Ambewadikar participated in the Online Refresher Course in Social Sciences and Humanities from Teaching Learning Centre, Ramanujan College, University of Delhi, Under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching held from 12th to 26th July, 2021
- Jayashree Ambewadikar participated in the Online interdisciplinary Refresher Course in feminist teaching and research in higher education: theory and practice from Teaching Learning Centre, Ramanujan College, University of Delhi, Under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching held from 23rd to 6th August, 2021
- Jayashree Ambewadikar participated in the Online interdisciplinary Faculty Development Program in Research Methodology from Teaching Learning Centre, Ramanujan College, University of Delhi, Under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching held from 22nd December 2021 to 5th January, 2022

- Sudarshan Papanna participated in the Five Days Online Training Programme on “Research Methodology and Ethics: Plagiarism Issues Reference Management tools and Altmetrics” Organized by Information and Library Network (INFLIBNET) Center, Gandhinagar, Gujarat from 05 to 09 April 2021
- Khaikholen Haokip, participated Two Week Research Methodology Workshop for Faculty Development, CSEP, SSS, Central University of Gujarat, 7-18 June 2021

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, School of Social Sciences
- Member, School Board, School of Social Sciences
- 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
- SWAYAM Coordinator for Centre for Studies in Society and Development
- ICT Committee for SSS for Updating CUG Website
- Member, Centre Board of Studies, CSSD/School of Social Sciences
- Member, Intake Assessment Committee, CUG Admission 2021
- Member, Department Academic Integrity Panel
- Member, Interview Panel for PhD Admission 2021

Dr. Jayashree Ambewadikar

- Member, Board of Studies, Centre for Studies in Society and Development, School of Social Sciences,
- Member of Board of Studies, School of Social Sciences
- Special invitee member, Board of Studies, MA in Social Work Programme, School of Social Sciences
- 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

Dr. Sudarshan Papanna

- Member, Board of Studies, Centre for Studies in Society and Development, School of Social Sciences
- Member, Departmental Academic Integrity Panel for Centre for Studies in Science, Technology and Innovative Policy, School of Social Sciences

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. Diaspora Studies is a new interdisciplinary area that has emerged in Humanities and Social Sciences dealing with the study of migration and its cultural, literary, social, demographic, anthropology, political, economic impact and international relations. The Centre focuses on Indian Diaspora in particular and global Diasporas in general. Diaspora Studies has opened up plethora of new research areas, which need to be studied and researched upon. The Centre with a multidisciplinary framework study and addresses the mutual relations and converging contours

Programme Offered

- Ph.D. in diaspora studies (2021-22)

Faculties at the Centre level

Prof. Atanu Mohapatra, Professor & Chairperson

Area of interest: Diaspora Studies, Media Studies, International Relations, Development Studies, Research Methodology.

Dr. Rajneesh Kumar Gupta, Assistant Professor

Area 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. Siba Sankar Mohanty, Assistant Professor

Area of interest: Diaspora and International Relations, Immigration Policies and Law, Diasporic Literature, Culture Studies, Indian Diaspora in the Caribbean, Caribbean and Latin American Studies

Dr. Naresh Kumar, Assistant Professor

Area of interest: International and Internal Migration (India), Issues of Indian diaspora, Migration, and Development, Population Studies, Geography, Gender and Migration, Migration and Marginality, Refugees, Indian Diaspora in Gulf, Margins, and Migration, Migration and Media, Tools and Techniques in Social Science Research Methods.

Dr. Sajaudeen Nijamodeen Chapparban, Assistant Professor

Area of interest: Contemporary English Literature/s (Diaspora Writings), Contemporary Literary and Cultural Theory, Migration, Diaspora, Refugee Studies, Human Rights and Migration Rights, Postcolonial studies, Nation, Nationalism and Transnationalism, Citizenship, South Asian Studies, Digital Diaspora, Muslim Diaspora, Jewish Diaspora, Chinese Diaspora, English Diaspora Literature, and Research Methodology.

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

- Gupta, R.K. (2021). अफ्रीका में भारतीय डायस्पोरा की वैभवशाली विरासत, Itihas Darpan Vol. XXVI (2) 2021. 155-169.
- Gupta, R.K. & Bag, S.K. (2021) Position of Matuas in West Bengal, Third Concept- An International Journal of Ideas Vol. 35, No. 418. 39-40.

- Gupta, R.K. & Verma, A.K. (2021) The Spread of Buddhism and Peace in Southeast Asia. *Heritage of Nusantara: International Journal of Religious Literature and Heritage*, 10(2), 220–247. <https://doi.org/10.31291/hn.v10i2.627> published on December 20, 2021. <https://heritage.kemenag.go.id/index.php/heritage/article/view/627/418>
- Jaleel, A. & Gupta, R.K. (2021). Visibility as Resistance: Representation of Muslim Identity in Post 9/11 Films- My Name is Khan and Khuda Kay Liye, *Dogo- Rangsang Research Journal*, 11(02). 78-82.
- Dave, P.B. & Gupta, R.K. (2021). 'Understanding the Portrayal of re-settled Asians in UK: A Study of Bend It Like Beckham' *Dogo- Rangsang Research Journal*, 11(02), 134-138.
- Gupta, R.K. & Tyagi, J. (2021). 'India's Security Concerns and Strategic Interests in the Western Indian Ocean Region', *Towards Excellence*, 13(3), 740-746.
- Gupta, R.K. (2021). Review of Dirk Siebels, *Maritime Security in East and West Africa-A Tale of Two Region*, *Africa Review*, 13(I), 120-22.
- Mohanty, Siba Sankar and M. Geeta (2021). Impact of Covid-19 and Lockdown on LGBTQ (Im)migrants (With Special Focus on Indo-American LGBTQ Community, *Towards Excellence*, 13(2), 83-95.
- Ismail, KK and Siba Sankar Mohanty (2021). Conceptualizing the Imaginary in Literary Discourse: A Diasporic Analysis, *Towards Excellence*, 13 (4).
- Mohanty, Siba Sankar and Shrabanti Kundu (2021). Transcultural Negotiation and Formation of Identity in the Theatre of Diaspora: Reading Ketaki Kushari Dyson's *Night's Sunlight*, *Caraivéti*, V (1), 125-131.
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- Mohapatra, Atanu (2022) *Theorizing Marginality and Identity: A Critical approach to Romani Diaspora*, *Journal of Positive School Psychology*, Vol. 6, No. 4, 586-591, 2022.

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- Nitesh N. & Kumar Naresh. (2021) “Being Black in 21st-Century America: Struggle, Challenges and Possibilities, July 2021, Journal of Social Inclusion Studies, Sage. Pg. 1–14 Published from Indian Institute of Dalit Studies, New Delhi <https://doi.org/10.1177%2F239448112111020377>
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- Anshuman Rana & Naresh Kumar (2021) “A Cause & Effect Study of Pandemic on Returning Indian Labour Migrants from The Gulf Countries to Azamgarh City” Kalyan Bharti, Volume – 36 No. (VI) 2021, Pg:556-572
- Anuj Kumar & Kumar Naresh (2021) A Descriptive Study of Ethnic Media & Indianness Among the Indian Diasporic Communities in Fiji, Madhya Bharti, Vol 80
- Narlonia Nitesh & Kumar Nitesh (2022) “Crusade” for African American Civil Rights: Female Rhetoric and Autobiography of Ida B. Wells, Journal of African American Studies volume 26, pages 53–62, <https://link.springer.com/article/10.1007/s12111-022-09576-4>
- Anshuman Rana & Naresh Kumar (2021) “Transcending Dark Tourism and Embracing Spirituality in the City of Light 'Varanasi' "Turkish Online Journal of Qualitative Inquiry (TOJQI)" ISSN:1309-6591. Volume 12, Issue 9, August 2021: 2096-2101 (UGC care listed Journal Scopus Indexed Journal). Pg.2096-2101 <https://www.tojqi.net/index.php/journal/article/view/6015>

Papers published in edited volume

- Gupta, R.K. (2021). Role of Indian Diaspora in Anglophone Africa in the Promotion of Bilateral Relations. In Ray Nivedita (ed.) India and Africa- The Road Ahead (New Delhi: KW Publishers.
- Mohapatra, Atanu (2021) Chapter titled Indian Diaspora and Transnational Communication Networks in edited book titled Borders and Space: Recalibrating Indian Diaspora in the 21st Century by Pradeep Tripathi, Sarup Book Publishers, New Delhi, (ISBN: 9789352081882)
- Mohapatra, Atanu (2021) Chapter titled China's Belt and Road Initiative in Central Asia: Challenges and Policy Options for India in edited book titled The Belt and The Road Initiative: Implications for India by Manish, Pentagon Press Limited, New Delhi, (ISBN: 9789390095360)
- Naresh Kumar (2022) 'Refugees, Asylum Seekers and Stateless Citizens' “The Routledge Handbook of Refugees in India” Edited by S. Irudaya Rajan, 1st Edition Year 2022 ISBN 9780367531096, February 15, 2022 Routledge India <https://doi.org/10.4324/9781003246800>

- Nitesh Narnola & Naresh Kumar (2022) "Rohingya Refugees and Myanmar: State, Citizenship and Human Rights" "The Routledge Handbook of Refugees in India" Edited by S. Irudaya Rajan, 1st Edition Year 2022, ISBN 9780367531096, February 15, 2022, Routledge India <https://doi.org/10.4324/9781003246800>
- Naresh Kumar (2021) "Domestic Migration and Multiple Deprivations: Cycle Rickshaw-Pullers in Delhi in Edited by Ashwani Kumar & R.B. Bhagat "Migrants, Mobility and Citizenship in India" ISBN 9781138595774 Published July 14, 2021, by Routledge India <https://doi.org/10.4324/9780367765477>
- Chapparban, Sajaudeen (2022) "The Agony of Survival: Refugees and Marginality in India During the COVID-19". The Routledge Handbook of Refugees in India (Ed.) S. Irudaya Rajan, Routledge, London.
- Chapparban, Sajaudeen (2021) "Diasporic Literature" Individual and Society SLM Based on Distance & Regular Mode Synchronized Syllabus. (Edt.) Maulana Azad National Urdu University Hyderabad India. p. 340-354. Maulana Azad National Urdu University Press.
- Chapparban, Sajaudeen (2021) " Culture and Ecology " Individual and Society SLM Based on Distance & Regular Mode Synchronized Syllabus. (Edt.) Maulana Azad National Urdu University Hyderabad India. p. 310-324. Maulana Azad National Urdu University Press.

Books published as author

- Chapparban, Sajaudeen. (2021) Gender, Culture, and Identity: South Asian Diaspora Literature of 21st Century. (Edt.) published by Authorspress Publishers, New Delhi, India. 2021.

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

- Chapparban, Sajaudeen (2021) "Citizenship Amendment Act e politica sui rifugiati in India" [Citizenship Amendment Act and refugee policy in India]. Mondopoli: Looks on the world - Portal of geopolitics and international economics Rome, Italy <http://www.mondopoli.it/2021/10/20/politica-sui-rifugiati-in-india/>
- Chapparban, Sajaudeen (2021) "Rohingyaphobia and Unheard Voices of Refugees During COVID-19" Mondopoli: Looks on the world - Portal of geopolitics and international economics, Rome Italy) <http://www.mondopoli.it/wp-content/uploads/2021/02/Rohingyaphobia-and-Unheard-Voices-of-Refugees-During-COVID-19.pdf>
- Naresh Kumar (2021),_Centre for Diaspora Studies, Central University of Gujarat, organized a webinar: The webinar was in memory of former President and Prime Minister of Mauritius Sir Anerood Jugnauth. <https://connectgujarat.com/gujarat/centre-for-diaspora-studies-central-university-of-gujarat-organized-a-webinar-1205459>

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

- Kumar Naresh (2021) Participated in Two Days National Workshop on Methods and Approaches for Health Research in Social Sciences organising in Virtual mode 26-27 June 2021
- Sajaudeen Nijamodeen Chapparban, "Indian Jewish Culture and Literary Heritage: An Interdisciplinary Study" The Second Parkes Institute International Summer Graduate Seminar: Cultural Heritage and Jewish/non-Jewish Relations, organized by University of Southampton, Southampton, U.K. 12-14 July 2021

- Sajaudeen Nijamodeen Chapparban, “US Law Enforcement and Racial Profiling of Muslims after 9/11” International conference on Abolish ICE? What does it mean and what is at stake?, Organized by the Zolberg Institute on Migration and Mobility at The New School, New York City, USA. September 21-23, 2021.
- Sajaudeen Nijamodeen Chapparban, "Racism, Communalism during Covid 19 in India" International Conference on The Future of Immigration, organized by Migration Center at the University of South Carolina's, Carolina, USA. March 3-4, 2022 .Sajaudeen Nijamodeen Chapparban, “The Rise of Religious Nationalism and question of Minority Citizenship in South Asia” 26th Annual World Convention of the Association for the Study of Nationalities (ASN) at Columbia University, NY Sponsored by the Harriman Institute. 4-7 May 2022.

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

- Naresh Kumar Presented paper on "A Socio-Demographic Issues and Challenging of the 19th and Early 20th Century of Indian Emigration" in the 46th All India Sociological Conference during the Centenary Celebrations of Department of Sociology, University of Mumbai. 8th –10th December 2021.

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

- Naresh Kumar, Invited & Participated Panel Discussion on 'International Migration Review Forum 2022: GCM Implementation and Prospects for India, Hosted by India Centre for Migration, MEA, GoI, Mar 24, 2022.
- Naresh Kumar, invited for participate _India @75 celebrations, the India Centre for Migration (ICM) 'Special Virtual Lecture' on "Migration for Work: Assessing the Future of Remittances to India" on 22 September 2021, Ministry of External Affairs, Govt. of India.
- Naresh Kumar, invited for the Consultation on 'Pathways for Aligning Skill Mapping with International Labour Market: Southern Edition' Hosted by India Centre for Migration, Ministry of External Affairs, Govt. of India, 23/04/2021.
- Sajaudeen Nijamodeen Chaparban, “Diaspora Literature in 21st Century” One Week Faculty Development Program (FDP) on Rethinking Influences of Languages and Literature in Present Indian Scenario Organized by Department of English, Faculty of Arts and Humanities, C.U. Shah University, Wadhwan City, Gujarat from 26 April to 03 May 2021. – As a Resource Person
- Sajaudeen Nijamodeen Chaparban, "Minorities and the Question of Citizenship". Organized by Center for Study of Indian Muslims (CSIM), Udgir, Maharashtra on 18 July 2021– As a Resource Person
- Sajaudeen Nijamodeen Chaparban "Migration, Women, and Marginality: Muslim and Dalit Voices in Diaspora" in Online Refresher Course in English, organized by the UGC Human Resource Development Centre, the University of Mumbai on the theme "Indian Writing in English: Class, Caste and Gender" from October 18th Oct. to 30th Oct. 2021. - As a Resource Person
- Sajaudeen Nijamodeen Chaparban “Diaspora Studies; An Introduction” National webinar organized by the Department of English, Parul Institute of Arts (PIA), Parul University, Vadodara, Gujarat. On Wed 27 Oct 2021. As a Chief Guest and Resource Person.

- Sajaudeen Nijamodeen Chaparban “Research Methods in Diaspora Studies” Two-week International Research Methodology Workshop in Humanities and Social Sciences (13-24 December 2021) organized by the Department of English at Parul University, Vadodara, Gujarat, India. – As a Resource Person
- Sajaudeen Nijamodeen Chaparban, "SDG 10: Reduced Inequality, Migration and Covid 19" in an International Workshop on Sustainable Development for the SDG Action and Awareness Week, 2022, organized by University of Raparin, Department of Law and Directorate of Media-Rania-Kurdistan Region-Iraq In collaboration with the Law Faculty, University of St. Kliment Ohridski" – Bitola, North Macedonia. This event was a part of the SDG Action & Awareness Week by the University Global Coalition, in partnership with the State University of New York, US. – As a Resource Person
- Sajaudeen Nijamodeen Chaparban, “Girmitiya Migration: History, Culture and Literature” a distinguished lecture on 23 February 2022 organized by Centre for Comparative Literature at the University of Hyderabad, Hyderabad, India. – Special Guest.
- Sajaudeen Nijamodeen Chaparban, “Comparative Diaspora Studies” A Three-Day International Conference on Comparative Literature: Frames, Methods and Practice Organized by Department of English and Department of Marathi, Shreemati Nathibai Damodar Thackersey (SNDT) Women's University, Mumbai & Calcutta Comparatists 1919 from 4th-6th March 2022. – Plenary Speaker.
- Sajaudeen Nijamodeen Chaparban, “Gender Sensitization in University Campuses” A Focused Group Discussion on Gender Sensitization in University Campuses organized by The Committee for Gender Championship Activities at Central University of Gujarat, Gandhinagar, India on 14th March 2022. – Expert Speaker.
- Sajaudeen Nijamodeen Chaparban, “Indian Diaspora: History, Culture, and Identity” Distinguished Guest Lecture organized by the department of English at Government Degree College for Women, Anantnag, Jammu & Kashmir on 05 February 2022. – Resource person cum Chief Guest
- Sajaudeen Nijamodeen Chaparban, “Migration, Diaspora and Literature” One Day national Seminar on Migration, Diaspora and Literature organized by the Department of English, Nagar College, Murshidabad district of West Bengal, India, on 24 March 2022. – Resource person cum Chief Guest
- Sajaudeen Nijamodeen Chaparban, “Postcolonialism and Diaspora” One-day national seminar organized by Department of English, at Gushkara College, Burdman, West Bengal, India, on 26th March 2022. – Resource person cum Chief Guest
- Sajaudeen Nijamodeen Chaparban “Migration, (In)equality and Upward Mobility in India” Distinguished Guest lecture organized by the Bengali Academica for Social Empowerment (BASE) at Kaikhali, Kolkata on 27th March 2022. Resource person cum Chief Guest
- Sajaudeen Nijamodeen Chaparban “A Postcolonial Approach to Diaspora Studies” A distinguished Guest lecture organized by Department of English at Surendranath College for Women, Kolkata, India on 29th March 2022. – Resource person cum Chief Guest
- Sajaudeen Nijamodeen Chaparban - Chaired a session in the 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.

- Sajaudeen Nijamodeen Chaparban - Chaired a session in a “Two Day Online International Webinar on 'Significance of Translation in India - China Relations' organized by Centre for Chinese Studies in collaboration with Chinese for Hindi Studies, Central University of Gujarat, Gandhinagar, India. (22-23 February 2022)
- Sajaudeen Nijamodeen Chaparban - Chaired a session titled "Literature: Digital and Popular" in A Virtual Three-Day International Conference on Comparative Literature: Frames, Methods, and Practice Organized by Department of English and Department of Marathi, Shreemati Nathibai Damodar Thackersey (SNDT) Women's University & Calcutta Comparatists 19 19 – from 4th-6th March 2022
- Sajaudeen Nijamodeen Chaparban - Invited as a moderator for a session on, "On Generation of Thought by Prof. Noam Chomsky Organized by the Association of Indian Research Scholars of Humanities and Social Sciences in India (AIRS), online on Feb 3, 2021, online.
- Sajaudeen Nijamodeen Chaparban - Invited as a moderator for a session on India's Multi-alignment Policy in The Middle East by Md. Mudassir Qamar, Associate Fellow at MP-IDS, New Delhi Organized by Association of Indian Research Scholars (AIRS) for scholars of Humanities and Social Sciences in India (AIRS), online on 24th June 2022
- Sajaudeen Nijamodeen Chaparban- Invited as a moderator for a session on "The Role of International Law in the Construction of Minority Identity in India" by Nizamuddin Ahmad Siddiqui on July 15, 2021, @ 3 PM IST Organized by the Association of Indian Research Scholars (AIRS) for scholars of Humanities and Social Sciences in India (AIRS), online on 24th June 2021.
- Sajaudeen Nijamodeen Chaparban - Invited as a Discussant in Online Webinar on Women in Indian Diaspora: Changing Discourses lecture by Prof. Amba Pandey, Organized by Gathari Girmitiya Research Foundation in collaboration with the Indian Council for International Co-operation (Antar Rashtriya Sahayog Parishad) on 28/09/2021.
- Gupta, R.K. 'India at UN: Challenges and Opportunities for the Emerging Power' on 24 October 2021 at Shyam Lal College, University of Delhi. (Online at Zoom Platform).

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

- Mohapatra, Atanu. Invited as Speaker to 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
- Mohapatra, Atanu. Invited as Speaker to International Webinar on Remembering the Role of Translation in the Indian Freedom Struggle organised by Department of English, Maharaja Ganga Singh University, Bikaner on 26 Nov 2021
- Mohapatra, Atanu. Invited as Speaker to International Webinar on Remembering the Role of Translation in the Indian Freedom Struggle organised by Department of English, Maharaja Ganga Singh University, Bikaner on 26 Nov 2021
- Mohapatra, Atanu. Invited as Speaker to UGC Sponsored RUSA Sponsored Online PDP (30days) for administrative staff of universities and colleges, organized by HRDC, Gujarat University, Ahmadabad, Gujarat, 31/01/2022 to 01/03/2022.
- Naresh Kumar Chaired Session on Migration, Pandemic and Return: Understanding Institutional Strains and Coping Mechanisms in 46th All India Sociological Conference

(online) 2021 as a part of Centenary Celebrations of the Department of Sociology, University of Mumbai, Mumbai, 8th to 10 December 2021.

- Naresh Kumar delivered talk on “Sources of Data and its relevance in understanding Existing Reality: An insight from Migration and Diaspora”, Department of English at Parul University, Vadodara, Central University of Gujarat, Gandhinagar & University of Riparian, Iraq, organized a two-week 1st Online International Research Methodology Online Workshop in Humanities and Social Sciences, 13th to 24th December 2021.
- Naresh Kumar, invited as resource person for moderated the plenary session “Prospects and challenges for India and China in South Asian Region” in the two days National Seminar on “India's Neighborhood Foreign Policy during Prime Minister Modi's Regime” scheduled on Organised by Central University of Haryana, Sponsored by Indian Council of Social Science Research (ICSSR) New Delhi. 29th and 30th of September 2021
- Naresh Kumar , Invited as resource person for Co-Chair the technical Session “Indian as in Emerging Superpower & India Relationship with Sri-Lanka & Bangladesh” in the two days National Seminar on “India's Neighborhood Foreign Policy during Prime Minister Modi's Regime” scheduled on 29th and 30th of September 2021, Organised by Department of Political Science at Central University of Haryana at the Central University of Haryana, Mahendragarh, Sponsored by Indian Council of Social Science Research (ICSSR) New Delhi.
- Naresh Kumar, Invited as Resource Person in Department of Civics and Politics, University of Mumbai, Mumbai on Saturday May 15, 2021. For delivered lecture on India's Foreign Policy strategies: Opportunities and Diaspora as a factor for students of the post graduate diploma in international students. May 15, 2021.
- Sajaudeen Nijamodeen Chapparban - As an Organizing Committee member 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
- Sajaudeen Nijamodeen Chapparban - As Convener, organized a National Webinar-cum-lecture series on “Remembering Indian Diaspora's Role in India's Freedom Struggle” on 11 October 2021 at The Center for Diaspora Studies, Central University of Gujarat, Gandhinagar, India. It was also a part of the ongoing university and nationwide celebration of Azadi Ka Amrut Mophotsav to remember and pay a small tribute to those unsung heroes of freedom struggle from the foreign field.
- Sajaudeen Nijamodeen Chapparban – As a Convenor and Coordinator of the national webinar on Remembering Indian Diaspora's Role in India's Freedom Struggle as part of Azadi Ka Amrit Mahotsav in Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar, India, on 11 October 2021.
- Sajaudeen Nijamodeen Chapparban as a Coordinator of 1st International Online Research Methodology Workshop in Humanities and Social Sciences organized by Dept. of English and Technical Events Cell, Parul University, Vadodara, India in Collaboration with Dept. of Law, University of Raparin, Ranya, Iraq & Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar, India (13 to 24 December 2021).
- Sajaudeen Nijamodeen Chapparban as an Organizing Committee member for The 6th International Contemporary Educational Research Congress (CEAD 2021) held at Alfred

Nobel University in Dnipro, Ukraine in collaboration with Alfred Nobel University (Ukraine) and the Contemporary Educational Research Association (CEAD) (Türkiye), between 11-12-13 October 2021.

Participation in training/ orientation/refresher programme

- Gupta, R.K. One week online Faculty Development Programme on 'Recent Advances in Political Science and International Relations' organized by Human Resource Development Centre Fakir Mohan University, Balasore (Odisha) from 13 December to 19 December 2021. Grade Secured A.
- Mohanty, Siba Sankar, One-week online Faculty Development Programme on 'Recent Advances in Political Science and International Relations' organized by Human Resource Development Centre, Fakir Mohan University, Balasore (Odisha) from 13 December to 19 December 2021. Grade Secured A.
- Kumar Naresh Participated in PMMMNMTT(Self-Sustainability Plan) Two Week Faculty Development Programme (Online) on Pedagogy and Assessment in Higher Education: NEP 2020, 05th January to 18th January, 2022 With Grade A.
- Kumar Naresh (2021) participated International “Summer School of Migration Studies 2021” Organised by International Organization for Migration (IOM)_ UN Migration Division, Prague – Czech Republic, August 23 to 27th August 2021. (Online)
- Sajaudeen Nijamodeen Chapparban - Participant in Two Days Training Programme on the Intellectual Property Rights (IPR) held on 28 and 29 January 2021 organized by Research & Publications (R&P) and Cell for IPR Promotion and Management (CIPAM) in collaboration with Rashtriya Raksha University (RRU), Gandhinagar
- Sajaudeen Nijamodeen Chapparban - Attended online FDP on Digital Age: Teaching and Learning English (28 June – 2 July 2021) organized by Government of Karnataka, Department of Collegiate and Technical Education, Govt First Grade College, Gauribidanur, India.
- Sajaudeen Nijamodeen Chapparban - Participated in International Summer School on Equality and Citizenship (July 12-16 2021) organized by the Center For Advanced Studies Of South-East Europe at the University of Rijeka, Croatia.
- Sajaudeen Nijamodeen Chapparban - Completed Seven Days Faculty Development Program on Critical Theories at their Modern Pedagogical Adequacy in Humanities (July 26 – 1 August 2021) organized by the Department of English in collaboration with iSPELL at Manipal University, Jaipur, India.
- Sajaudeen Nijamodeen Chapparban - Participated in the 1st Turkey Sinology and Chinese Studies Symposium organized online and face-to-face by Istinye University, Istanbul, Turkey, between 24-25 September 2021.
- Sajaudeen Nijamodeen Chapparban - Participated in one day national Professional Development Programme online on Quality Publication in Research with Special reference to UGC Care List Journals organized by Dr. B.R. Ambedkar Mahavidyalya Amravati, Maharashtra India (on 6th July 2021).
- Sajaudeen Nijamodeen Chapparban - Participated in a three day long National Workshop on 'Translating Sundarban' organized by the Department of Comparative Indian Language and Literature, University of Calcutta, from 21st March to 23rd March 2022 at Kolkata.

Research student/s guided

Name	Nature of programme, whether M. Phil/Ph.D.	No. of students registered (only(new) number) during 2021-22)
Gupta, R.K.	M.Phil. Ph.D.-	1 1
Kumar Naresh	Ph.D.	1
Sajaudeen N Chapparban	Ph.D.	03
Mohapatra Atanu	Ph.D.	02

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

- Sajaudeen N Chapparban, Scholar at GRFDT Global research forum on Diaspora and Transnationalism, New Delhi India.
- Sajaudeen N Chapparban, Member of Social Science and Humanities Research Association (SSHRA)(an international community of researchers, practitioners, students, and educationists for the development and spread of ideas in the field of social sciences and humanities). SSHRA is promoted by Eurasia Research.
- Sajaudeen N Chapparban, Lifetime Member of Comparative Literature Association of India (CLAI), New Delhi.
- Sajaudeen N Chapparban, Member of iSPELL: Indian Society for the Promotion of English Language and Literature.
- Sajaudeen N Chapparban, Core Committee member of Association of Indian Research Scholars of Humanities and Social Sciences in India (AIRS)
- Sajaudeen N Chapparban, Core Committee member of Gathari Girmitiya Research Foundation, New Delhi

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

Dr. Rajneesh Kumar Gupta

- Gupta, R.K.- Nodal Officer of NSS
- Warden- Sector-24 Boys Hostel
- Coordinator (I/c)- NSS
- Convener- Yoga Programme Implementation Committee, CUG.
- Member- Committee for Verification of Fixed Assets and Consumable
- In-charge for preparation and publicising 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.

- Member- Committee of Advance Studies and Research (CASR), Centre for Diaspora Studies.

Dr. Naresh Kumar

- Nodal Officer, CDS Alumni Cell
- Placement Cell Member CDS
- Member, School Board of Studies (BoS), Centre for Diaspora Studies

Dr. Sajaudeen Chapparban

- Member- Board of Studies, Centre for Diaspora Studies.
- Committee of Advance Studies and Research, Centre for Diaspora Studies.
- Member of Focused Group Discussion on Gender Sensitization in University Campuses organized by The Committee for Gender Championship Activities at Central University of Gujarat, Gandhinagar, India on 14th March 2022.
- Coordinator of 1st International Online Research Methodology Workshop in Humanities and Social Sciences organized by Dept. of English and Technical Events Cell, Parul University, Vadodara, India in Collaboration with Dept. of Law, University of Raparin, Ranya, Iraq & Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar, India (13 to 24 December 2021).
- Member of Syllabus update/modification Committee of Centre for Study of Diaspora.
- Member of RAC in School of Education.
- Member of RAC in Diaspora Studies.

Annexures

State Wise Admission 2021-22

Name of Programme	female	male	Grand Total
Andaman & Nicobar Islands	1	..	1
Andhra Pradesh	7	8	15
Assam	19	12	31
Bihar	38	66	104
Chhattisgarh		4	4
Delhi	8	9	17
Gujarat	38	33	71
Haryana	8	4	12
Himachal Pradesh	1	2	3
Jammu and Kashmir	7	12	19
Jharkhand	9	13	22
Karnataka	1	3	4
Kerala	48	34	82
Madhya Pradesh	6	7	13
Maharashtra	6	10	16
Manipur	2	1	3
Mizoram		1	1
Nagaland		1	1
Odisha	19	24	43
Punjab		1	1
Rajasthan	24	25	49
Tamil Nadu	3	5	8
Telangana	5	7	12
Tripura		1	1
Uttar Pradesh	18	31	49
Uttarakhand	8	1	9
West Bengal	12	15	27
Grand Total	288	330	618

Award of degree during 01.04.2021 to 31.03.2022 (Research Programme)

Name of Programme	M.Phil.	Ph.D.	Grand Total
Hindi	3	12	15
Nano Sciences	0	7	7
Security Studies	4	1	5
Comparative Literature	1	5	6
Chemical Sciences		2	2
Diaspora Studies	3	9	12
Economics	5	2	7
Environment and Sustainable Development		4	4
Gandhian Thought and Peace Studies	1	3	4
Social Management		1	1
Society and Development		4	4
International Politics and Governance		3	3
Studies in Science, Technology and Innovation Policy	1	2	3
Education	3		3
International Politics	6		6
Grand Total	27	55	82

Award of degree during 01.04.2021 to 31.03.2022 (UG/PG Programme)

Name of Programme	No. of Students
PG	150
M.A. in Chinese	6
M.A. in Economics	18
M.A. in English	16
M.A. in Gujarati	8
M.A. in Hindi	1
M.A. in Political Science	9
M.A. in Politics and International Relations	8

Name of Programme	No. of Students
M.A. in Social Work	16
M.A. in Sociology	1
M.Sc. In Chemical Sciences	12
M.Sc. In Environmental Sciences	12
M.Sc. in Industrial Chemistry	7
M.Sc. In Nanotechnology	13
M.Sc. Life Sciences	15
M.Ed.	4
Master of Library and Information Science	4
UG	46
B.A. in Chinese	23
B.A. in German	21
B.Voc. (Rational Approach to Drug Design)	2
Grand Total	196

List of Teaching Staff

Sr. No	Name of Employee	School	Centres
Professor			
1	Prof. Atanu Bhattacharya	School of Language Literature & Culture Studies (SLL&CS)	Centre for English Studies (CES)
2	Prof. Atanu Kumar Mohapatra	-	Centre for Diaspora Studies (CDS)
3	Prof. Balaji Ranganathan	School of Language Literature & Culture Studies (SLL&CS)	Centre for Comparative Literature and Translation Studies (CCL&TS)
4	Prof. Bhawana Pathak	School of Environment and Sustainable Development (SE&SD)	-

Sr. No	Name of Employee	School	Centres
Professor			
5	Prof. Dinesh Kumar	School of Chemical Sciences (SCS)	Centre for Studies in Chemistry (CSC)
6	Prof. Gavisiddappa Rudrappa Angadi	School of Education (SoE)	Centre for Studies & Research in Education (CSRE)
7	Prof. Hasmukhlal Bhailalbhai Patel	School of Education (SoE)	Centre for Studies & Research in Education (CSRE)
8	Prof. Jaya Prakash Pradhan	School of Social Sciences (SSS)	Centre for Studies in Economics and Planning (CSE&P)
9	Prof. Jayendrakumar Nathalal Amin	School of Education (SoE)	Centre for Studies & Research in Education (CSRE)
10	Prof. Man Singh	School of Chemical Sciences (SCS)	Centre for Studies in Chemistry (CSC)
11	Prof. Manish	School of International Studies (SIS)	Centre for International Politics (CIP)
12	Prof. Pallavi Sharma	School of Environment and Sustainable Development (SE&SD)	-
13	Prof. Prakash Chandra Jha	School of Applied Material Science (SAMS)	Centre for Applied Chemistry (CAC)
14	Prof. Rajeshkumar Jethalal Makwana	School of Language Literature & Culture Studies (SLL&CS)	Centre for Gujarati Language & Literature (CGL&L)
15	Prof. R. Hiranmai Yadav	School of Environment and Sustainable Development (SE&SD)	-
16	Prof. Rakesh Rai	School of Education (SoE)	Centre for Studies & Research in Education (CSRE)

Sr. No	Name of Employee	School	Centres
Professor			
17	Prof. Sanjay Kumar Jha	School of National Security Studies (SNSS)	Centre for Security Studies (CSS)
18	Prof. Sanjeev Kumar Dubey	School of Language Literature & Culture Studies (SLL&CS)	Centre for Hindi Studies (CHS)
19	Prof. Sarita Agrawal	School of Social Sciences (SSS)	Centre for Studies in Economics and Planning (CSE&P)
20	Prof. Seema Rawat	School of Life Sciences (SLS)	-
Associate Professors			
1	Dr. Ajaysinh Jethusingh	School of Language Literature & Culture Studies (SLL&CS)	Centre for Gujarati Language & Literature (CGL&L)
2	Dr. Arun Vishwanathan	School of National Security Studies (SNSS)	Centre for Security Studies (CSS)
3	Dr. Bipul Kumar	School of Language Literature & Culture Studies (SLL&CS)	Centre for Hindi Studies (CHS)
4	Dr. Kshamanidhi Adabar	School of Social Sciences (SSS)	Centre for Studies in Economics and Planning (CSE&P)
5	Dr. Umesh Chand Singh Yadav	School of Life Sciences (SLS)	-
Assistant Professors			
1	Dr. Anju Pappachan	School of Life Sciences (SLS)	-
2	Dr. Beryl Anand	School of Social Sciences (SSS)	Centre for Gandhian Thought and Peace Studies (CGT&PS)
3	Dr. Bhakti Krishnakant Gala	School of Library and Informantion Science (SLIS)	-
4	Dr. Baldev C. Prajapati	School of Language Literature & Culture Studies (SLL&CS)	Centre for Gujarati Language & Literature (CGL&L)

Sr. No	Name of Employee	School	Centres
Assistant Professors			
5	Dr. Charu Lata Dube	School of Nano Sciences (SNS)	-
6	Dr. Dhananjay Kumar Rai	School of Social Sciences (SSS)	Centre for Gandhian Thought and Peace Studies (CGT&PS)
7	Dr. Dhara K. Chotai	School of Language Literature & Culture Studies (SLL&CS)	Centre for English Studies (CES)
8	Dr. Dheeraj Rathore	School of Environment and Sustainable Development (SE&SD)	-
9	Dr. Dhananjay Mondal	School of Chemical Sciences (SCS)	Centre for Studies in Chemistry (CSC)
10	Dr. Deepak B. Bhatt	School of Language Literature & Culture Studies (SLL&CS)	Centre for Gujarati Language & Literature (CGL&L)
11	Dr. Eeshwaraiah Begari	School of Applied Material Science (SAMS)	Centre for Applied Chemistry (CAC)
12	Ms. Eva Loreng	School of International Studies (SIS)	Centre for International Politics (CIP)
13	Dr. Gajendra Kumar Meena	School of Language Literature & Culture Studies (SLL&CS)	Centre for Hindi Studies (CHS)
14	Dr. Gururaja Nagaraj Guddeangadi	School of Chemical Sciences (SCS)	Centre for Studies in Chemistry (CSC)
15	Dr. Hemant Kumar	School of Social Sciences (SSS)	Centre for Studies in Science, Technology and Innovation Policy (CSST&IP)
16	Dr. Hitesh Kulhari	School of Nano Sciences (SNS)	-
17	Dr. Ishmeet Kaur Chaudhry	School of Language Literature & Culture Studies (SLL&CS)	Centre for English Studies (CES)

Sr. No	Name of Employee	School	Centres
Assistant Professors			
18	Dr. Jagannatham Begari	School of Social Sciences (SSS)	Centre for Gandhina Thought and Peace Studies (CGT&PS)
19	Dr. Jayashree Ambewadikar	School of Social Sciences (SSS)	Centre for Studies in Society and Development (CSS&D)
20	Ms. Jaspreet Kaur Layal	School of Language Literature & Culture Studies (SLL&CS)	Centre for German Studies (CGS)
21	Dr. Jay Prakash Singh	School of Education (SoE)	Centre for Studies & Research in Education (CSRE)
22	Dr. Kishor Jose	School of National Security Studies (SNSS)	Centre for Security Studies (CSS)
23	Dr. Kunal Sinha	School of Social Sciences (SSS)	Centre for Studies in Science, Technology and Innovation Policy (CSST&IP)
24	Dr. Khaikholen Haokip	School of Social Sciences (SSS)	Centre for Studies in Society and Development (CSS&D)
25	Dr. L. Raju Chowhan	School of Applied Material Science (SAMS)	Centre for Applied Chemistry (CAC)
26	Dr. Litty Denis	School of Social Sciences (SSS)	Centre for Studies in Social Management (CSSM)
27	Dr. Lenin V. Dandamudi	School of Chemical Sciences (SCS)	Centre for Studies in Chemistry (CSC)
28	Dr. Mohandas Singh Nongmaithem	School of National Security Studies (SNSS)	Centre for Security Studies (CSS)
29	Dr. Manasi Singh	School of National Security Studies (SNSS)	Centre for Security Studies (CSS)

Sr. No	Name of Employee	School	Centres
Assistant Professors			
30	Dr. Minaxi Amrutlal Parmar	School of Library and Informantion Science (SLIS)	-
31	Dr. Manu Sharma	School of Nano Sciences (SNS)	-
32	Dr. Milind Solanki	School of Language Literature & Culture Studies (SLL&CS)	Centre for English Studies (CES)
33	Dr. Naresh Kumar	-	Centre for Diaspora Studies (CDS)
34	Shri Nishant Kumar	School of Language Literature & Culture Studies (SLL&CS)	Centre for Chinese Studies (CCS)
35	Shri Prabhat Kumar	School of Language Literature & Culture Studies (SLL&CS)	Centre for Chinese Studies (CCS)
36	Dr. Parvathi Krishnaswamy Iyer	School of Social Sciences (SSS)	Centre for Studies in Science, Technology and Innovation Policy (CSST&IP)
37	Dr. Pramod Kumar Tiwari	School of Language Literature & Culture Studies (SLL&CS)	Centre for Hindi Studies (CHS)
38	Dr. Priya Ranjan Kumar	School of Social Sciences (SSS)	Centre for Gandhian Thought and Peace Studies (CGT&PS)
39	Dr. Paulami Sahu	School of Environment and Sustainable Development (SE&SD)	-
40	Dr. Panchami Prabhakaran	School of Chemical Sciences (SCS)	Centre for Studies in Chemistry (CSC)
41	Shri Prashant Kaushik	School of Language Literature & Culture Studies (SLL&CS)	Centre for Chinese Studies (CCS)

Sr. No	Name of Employee	School	Centres
Assistant Professors			
42	Dr. Pratibhaben B. Pandya	School of Language Literature & Culture Studies (SLL&CS)	Centre for Gujarati Language & Literature (CGL&L)
43	Dr. Roshan Lal Jahel	School of Language Literature & Culture Studies (SLL&CS)	Centre for German Studies (CGS)
44	Dr. Rajesh Singh	School of Environment and Sustainable Development (SE&SD)	-
45	Dr. Rajesh Vasita	School of Life Sciences (SLS)	-
46	Dr. Rina Kumari	School of Environment and Sustainable Development (SE&SD)	-
47	Dr. Rajneesh Kumar Gupta	-	Centre for Diaspora Studies (CDS)
48	Dr. Rashmi Tukaram Kumbar	School of Library and Information Science (SLIS)	-
49	Dr. Saurabh Sharma	School of International Studies (SIS)	Centre for International Politics (CIP)
50	Dr. Shiju Sam Varughese	School of Social Sciences (SSS)	Centre for Studies in Science, Technology and Innovation Policy (CSST&IP)
51	Dr. Sony Kunjappan	School of Social Sciences (SSS)	Centre for Studies in Social Management (CSSM)
52	Dr. Sarala Dasari	School of Social Sciences (SSS)	Centre for Studies in Economics and Planning (CSE&P)
53	Shri Smruti Ranjan Dhal	School of Social Sciences (SSS)	Centre for Gandhian Thought and Peace Studies (CGT&PS)

Sr. No	Name of Employee	School	Centres
Assistant Professors			
54	Dr. Sudarshan Papanna	School of Social Sciences (SSS)	Centre for Studies in Society and Development (CSS&D)
55	Dr. Sudeep Basu	School of Social Sciences (SSS)	Centre for Studies in Social Management (CSSM)
56	Dr. Sunita Patel	School of Life Sciences (SLS)	-
57	Dr. Siba Sankar Mohanty	-	Centre for Diaspora Studies (CDS)
58	Dr.Sajaudeen Nijamodeen Chapparban	-	Centre for Diaspora Studies (CDS)
59	Shri Swami Kundan Kishor	School of Language Literature & Culture Studies (SLL&CS)	Centre for Chinese Studies (CCS)
60	Dr. Shamim Aara Hussain	School of Education (SoE)	Centre for Studies & Research in Education (CSRE)
61	Dr. Shilpa S. Popat	School of Education (SoE)	Centre for Studies & Research in Education (CSRE)
62	Dr. Sangitaben B. Chaudhari	School of Language Literature & Culture Studies (SLL&CS)	Centre for Gujarati Language & Literature (CGL&L)
63	Dr. Shrish Kumar Tiwari	School of National Security Studies (SNSS)	Centre for Studies in Strategic Technologies (Cyber/Space Security) (CSST)
64	Dr. Sourabh Kumar	School of National Security Studies (SNSS)	Centre for Studies in Strategic Technologies (Cyber/Space Security) (CSST)

Sr. No	Name of Employee	School	Centres
Assistant Professors			
65	Dr. Tulika Tripathi	School of Social Sciences (SSS)	Centre for Studies in Economics and
66	Shri Thangjam Khurshchev Singh	School of National Security Studies (SNSS)	Centre for Security Studies (CSS)
67	Dr. Umesh Kumar	School of Nano Sciences (SNS)	-
68	Dr. Vinai Kumar Donthula	School of Language Literature & Culture Studies (SLL&CS)	Centre for German Studies (CGS)
69	Dr. Vijaya Lakshmi Yanduri	School of Education (SoE)	Centre for Studies & Research in Education (CSRE)
70	Dr. Vipul Solanki	School of Language Literature & Culture Studies (SLL&CS)	Centre for Comparative Literature and Translation Studies (CCL&TS)
71	Dr. Zarana Durgaprasad Maheshwary	School of Language Literature & Culture Studies (SLL&CS)	Centre for Comparative Literature and Translation Studies (CCL&TS)
72	Dr. Zakia Firdaus Sulaiman	School of Language Literature & Culture Studies (SLL&CS)	Centre for Comparative Literature and Translation Studies (CCL&TS)

List of Administrative Staff

Sr. No.	Name of Employee	Designation	Department
1	Dr. Hemang A. Desai	Deputy Registrar	Academic & Authorities Section
2	Shri Jayprakash Maheshkumar Soni	Deputy Registrar	Administration & Establishment Department
3	Dr. Kotrayya Basayya Agadi	Assistant Librarian	Library
4	Shri Pawan Pathak	Excutive Engineer	Internal Work Department
5	Shri Mukesh Ashirvadbhai Parmar	Assistant Registrar	Academic & Authorities Section
6	Shri Tarun Kumar Soni	Assistant Registrar	Administration & Establishment Department
7	Shri Manojkumar P Shahu	Information Scientist	Library
8	Shri Hiren Jerambhai Parmar	System Analyst	ICT Department
9	Shri Shamsher Singh	Section Officer & Assistant Registrar (I/c)	Finance & Account Department
10	Shri Suresh Kumar Sharma	Section Officer	Hon'ble Vice Chancellor Office
11	Shri Sanjay Kumar Sah	Section Officer	Administration & Establishment Department
12	Shri Hariram Chandru Jaspal	Security Officer	Security Section
13	Shri Kartik B. Meehta	Assistant Engineer Civil	Internal Work Department
14	Shri Jayeshkumar Manoharlal Parmar	Assistant	Administration & Establishment Department
15	Shri Mukesh Pratapji Chavda	Assistant	Admission & Evaluation Section
16	Ms. Bela Laxmanbhai Cholavia	Assistant	Academic & Authorities Section
17	Shri Himanshu Devjibhai Ravat	Senior Technical Assistant (Laboratory)	Laboratory

Sr. No.	Name of Employee	Designation	Department
18	Shri Udit A. Shah	Junior Engineer (Civil)	Internal Work Department
19	Shri Shrikant Kumar	Senior Technical Assistant (Computer)	ICT Department
20	Shri Nilesh Soni	Junior Engineer (Electrical)	Internal Work Department
21	Shri Chandrakant Ashokrao Ingle	Library Attendant	Library Attendant
22	Shri Bharatkumar Babubhai Rathod	Laboratory Attendant	Laboratory Attendant
23	Shri Paresh Chimanlal Parekh	Driver	Driver
24	Shri Phool Singh Meena	Driver	Driver

Ph.D. degrees awarded during 2021-22

Sr. no.	Name of Programme	Name of Students	Ph.D. Title	Name of Supervisor
1.	M. Phil.-Ph.D. in Diaspora Studies	Mr. Gawai Sandip Rambhau	Interrogating Difference: Migration, Culture and Marginality in Select South Asian Diasporic Fictions	Dr. Naresh Kumar
2.	M. Phil.-Ph.D. in Diaspora Studies	Mr. Tenzin Oesel	Negotiating Modernity: A Case Study of Tibetan Diaspora in India	Prof. Atanu Mohapatra
3.	M. Phil.-Ph.D. in Diaspora Studies	Mr. Azhar Hussain	Politics of Culture and Imagination of Nationalism among Indian Diaspora in USA	Prof. Atanu Mohapatra
4.	M. Phil.-Ph.D. in Diaspora Studies	Mr. Nitesh Narnolia	Immigrant Slave Narratives: A Postcolonial Study of African-American Autobiographies	Dr. Naresh Kumar
5.	M. Phil.-Ph.D. in Diaspora Studies	Ms. Pawar Bhagyashri Shrimant	Diaspora and Representation: Reading Gender Identity in the Fictions of Selected South Asian American Women Writers	Dr. Siba Shankar Mohanty
6.	M. Phil.-Ph.D. in Diaspora Studies	Ms. Sushma Pandey	Socio-Cultural Changes and Continuities Among the Indian Diaspora in Fiji	Prof. Atanu Mohapatra
7.	M. Phil.-Ph.D. in Diaspora Studies	Mr. Ramanamurthi Botlagunta	Problems and Prospects of International Return Migrants in India: A case study of Kadapa and West Godavari Districts in Andhra Pradesh	Dr. D. Sarala Lenin
8.	M. Phil.-Ph.D. in Diaspora Studies	Ms. Kamni Kumari	Diaspora as Soft Power in Bilateral Relations: A Comparative Study of Indian and Chinese in the US	Dr. Rajneesh Kumar Gupta
9.	M. Phil.-Ph.D. in Diaspora Studies	Mr. Gusinge Dhanraj Sardar	History and Cultural Identity of Marathi Diaspora in Mauritius	Prof. Atanu Mohapatra
10.	M.Phil. - Ph.D. (Chemical Sciences)	Mr. Vipin Singh	Development of Eco-friendly Strategies for Synthesis of Organic Molecules	Dr. L. Raju Chowhan
11.	M.Phil. - Ph.D. (Chemical Sciences)	Mr. Naimish Kumar Verma	Synthesis and Biological Applications of Structurally Interested Triazoles and Natural Product Berkeleyamide A	Dr. Dhananjay Mondal
12.	M.Phil. - Ph.D. (Environment and Sustainable Development)	Mr. Manoj Kumar	Development of Constructed Wetland using Iron Scraps and Activated Carbon to Enhance its Treatment Efficiency for Municipal Wastewater Treatment	Dr. Rajesh Singh

Sr. no.	Name of Programme	Name of Students	Ph.D. Title	Name of Supervisor
13.	M.Phil. - Ph.D. (Environment and Sustainable Development)	Mr. Mohd. Arshad Siddiqui	Biodegradation of Selected Organic Wastes and its Impact Assessment on Soil Fertility and Crop Growth	Prof. R. Hiranmai Yadav
14.	M.Phil. - Ph.D. (Environment and Sustainable Development)	Mr. Neeraj Kumar Singh	Hydrogen Production from Lignocellulosic waste using sulfate reducing bacteria and bioelectrolysis	Dr. Rajesh Singh
15.	M.Phil. - Ph.D. (Environment and Sustainable Development)	Mr. Indra Jeet Chaudhary	Impact Assessment of Ozone Pollution on Selected Crop Plants of Gujarat	Dr. Dheeraj Rathore
16.	M. Phil.-Ph.D. in International Politics and Governance	Mr. Rayees Ahmad Mir	Role of the International Community in Assisting State Building in Afghanistan Since 2001: A Critical Analysis	Dr. Saurabh Sharma
17.	M. Phil.-Ph.D. in International Politics and Governance	Mr. Roohul Amin Malik	Understanding India's Central Asia Policy: Aspirations, Opportunities and Challenges	Dr. Saurabh Sharma
18.	M. Phil.-Ph.D. in International Politics and Governance	Ms. Shivani Agrawal	Reflection on India's Strategic Culture: A Study of Kautilya's Arthashastra	Prof. Manish
19.	M.Phil. - Ph.D. (Security Studies)	Ms. Sushma Devi	Understanding India's Cyber Security Challenges: A Study of Digital India Programme	Dr. Manasi Singh
20.	M.Phil. - Ph.D. (Comparative Literature)	Mr. Unais K T	A Study of Indian Female Gothic Narratives as a Tool of Resistance	Prof. Balaji Ranganathan
21.	M.Phil. - Ph.D. (Comparative Literature)	Ms. Mousam	Narrating 'Criminal' Life: A Study of Selected Crime Biographies of USA, UK and India	Prof. Atanu Bhattacharya
22.	M.Phil. - Ph.D. (Comparative Literature)	Mr. Wayal Amar Ramesh	The Red Narrative: Margins and Representation in Selected Post 1990s North American Native Fiction	Dr. Zakia Firdaus
23.	M.Phil. - Ph.D. (Comparative Literature)	Ms. Seram Guneshwori Devi	Narratives of Violence: A Study of the Contemporary Novels of North East India	Dr. Zakia Firdaus
24.	M.Phil. - Ph.D. (Comparative Literature)	Mr. Vijay Kailas Shurture	Reading India: Memory and the Cosmopolitan Narratives in Selected Post- 1990s Indian English Novels	Dr. Zakia Firdaus

Sr. no.	Name of Programme	Name of Students	Ph.D. Title	Name of Supervisor
25.	M.Phil. - Ph.D. (Hindi Language and Literature)	MS. Aparna Bhatnagar	मुसलमिपृष्ठभूमिकिन्दरतिहिन्दीउपन्यासों मेंस्त्री (सन1970-2010)	Prof. Alok Kumar Gupta
26.	M.Phil. - Ph.D. (Hindi Language and Literature)	Ms. Panjabi Rekhaben Satishkumar	प्रेमचंदऔरपन्नालालपटेलकेचयनितउपन्यासों मेंस्त्रीसंदर्भोंकातुलनात्मकअध्ययन	Dr. Pramod Kumar Tiwari
27.	M.Phil. - Ph.D. (Hindi Language and Literature)	Ms. Yogita	हिन्दीउपन्यासोंमेंअभिव्यक्तकश्मीरीसमाज (सन1990से2015केबीचचयनितउपन्यासोंके विशेषसंदर्भमें)	Dr. Pramod Kumar Tiwari
28.	M.Phil. - Ph.D. (Hindi Language and Literature)	Ms. Sunita Gamit	बीसवीसदीकेअंतमिदशककेहिन्दीउपन्यासों में आदवासीजीवन	Dr. Gajendra Kumar Meena
29.	M.Phil. - Ph.D. (Hindi Language and Literature)	Ms. Sujitha K	समकालीनहिन्दीकहानियोंमेंअल्पसंख्यकव मिरश (सन्1980 से2000 केवशिषसन्दर्भमें)	Dr. Gajendra Kumar Meena
30.	M.Phil. - Ph.D. (Hindi Language and Literature)	Mr. Roshan Kumar Jha	हिन्दीउपन्यासोंमेंअभिव्यक्तवृद्धजीवन (सन्1990 से2015 तकप्रकाशितचयनितउपन्यासोंकेवशिषसन्दर्भमें)	Dr. Kingson Singh Patel
31.	M.Phil. - Ph.D. (Hindi Language and Literature)	Mr. Bhurat	इक्कीसवीसदीकेवमिरशकेन्द्रतिहिन्दीउप न्यासआलोचनाकाअनुशीलन (सन्2000 से 2015 तकचयनितउपन्यासआलोचनाकृतियोंकेवशि षसन्दर्भमें)	Dr. Gajendra Kumar Meena
32.	M.Phil. - Ph.D. (Hindi Language and Literature)	Ms. Ritu Ahlawat	हिन्दीदलतिआत्मकथाओंमेंअभिव्यक्तहसि	Dr. Kingson Singh Patel
33.	M.Phil. - Ph.D. (Hindi Language and Literature)	Mr. Rahul Prasad	रामकथाआधारतिहिन्दीउपन्यासोंमेंयुगबोध	Prof. Alok Kumar Gupta
34.	M.Phil. - Ph.D. (Hindi Language and Literature)	Mr. Satya Prakash	हिन्दीकेअल्पसंख्यककथाकारोंकीकहानियोंमें सामाजिकयथार्थ (सन्1980केबादप्रकाशितचयनितकहानीसं ग्रहोंकेवशिषसन्दर्भमें)	Dr. Pramod Kumar Tiwari

Sr. no.	Name of Programme	Name of Students	Ph.D. Title	Name of Supervisor
35.	M.Phil. - Ph.D. (Hindi Language and Literature)	Ms. Purnima	इक्कीसवीसदीकेहिन्दीउपन्यासोंमेंआदवासी स्त्री	Dr. Gajendra Kumar Meena
36.	M.Phil. - Ph.D. (Hindi Language and Literature)	Mr. Prakash Kumar Poddar	सार्वजनिकक्षेत्रकेप्रमुखबैंकोंमेंराजभाषाका रयान्वयनकाअध्ययन (गुजरातराज्यमेंस्थितिचयनतिबैंकोंकेसंदर्भमें)	Prof. Sanjeev Kumar Dubey
37.	M.Phil. - Ph.D. (Nano Sciences)	Ms. Modi Shreya Mukeshbhai	Remediation of Dye Waste Compound using Synthesized & Developed Nanocomposite Materials	Prof. M. H. Fulekar
38.	M.Phil. - Ph.D. (Nano Sciences)	Ms. Namita Saxena	Efficient Synthesis of Superparamagnetic Iron Oxide Based Nano Drug Carriers	Dr. Charu Lata Dube
39.	M.Phil. - Ph.D. (Nano Sciences)	Ms. Poonam Jain	Fabrication of Biocompatible and Surface Modified Metal Oxide Nanocarriers for Biomedical Applications	Dr. Hitesh Kulhari
40.	M.Phil. - Ph.D. (Nano Sciences)	Mr. Gajendar Singh	Sensing Applications GO/rGO Supported Metal Molybdate Nanocomposites	Dr. Manu Sharma
41.	M.Phil. - Ph.D. (Nano Sciences)	Ms. Ngangom Bidyarani Devi	Botanicals Encapsulated Biodegradable Nanocarrier for Antimicrobial Application Against Phytopathogens	Dr. Umesh Kumar
42.	M.Phil. - Ph.D. (Nano Sciences)	Mr. Bhargav Harshadkumar Raval	Graphene Based Materials for Flexible Electronics	(Late) Prof. Indrani Banerjee
43.	M.Phil. - Ph.D. (Nano Sciences)	Ms. Asapur Prithvi Chidanand	Microwave Assisted Synthesis of Silk Based Nanoparticles and its Applications	Prof. Pallavi Sharma
44.	M.Phil. - Ph.D. (Economics)	Mr. Sonam Choephel	Public Expenditure on Elementary Education in North- Eastern States of India	Dr. Sarala Dasari
45.	M.Phil. - Ph.D. (Economics)	Mr. Ankur Yadav	Analysis of State-wise Market Performance of Unorganised Manufacturing Sector in India	Prof. Jaya Prakash Pradhan
46.	M.Phil. - Ph.D. (Gandhian Thought and Peace Studies)	Mr. Akash Kumar Rawat	Caste Discourse in Subaltern Studies: A Critical Analysis	Dr. Jagannatham Begari

Sr. no.	Name of Programme	Name of Students	Ph.D. Title	Name of Supervisor
47.	M.Phil. - Ph.D. (Gandhian Thought and Peace Studies)	Mr. Hawaladar Bharti	Social History of Caste in Modern India: A Perspective from Anti-Caste Historiography	Dr. Jagannatham Begari
48.	M.Phil. - Ph.D. (Gandhian Thought and Peace Studies)	Ms. Khandekar Ashwini Subhash	Integration of India and the Princely States: A Comparative Study of Junagadh and Hyderabad (1947-1950)	Dr. Priya Ranjan Kumar
49.	M.Phil. - Ph.D. (Society and Development)	Mr. Vasava Ashvinbhai Nanabhai	Forest Rights Movement Amongst The Adivasis of South Gujarat: A Sociological Study	Prof. N. Rajaram
50.	M.Phil. - Ph.D. (Society and Development)	Mr. Subodh Kumar	A Sociological Study of Marine Fishing Communities in Gujarat	Prof. N. Rajaram
51.	M.Phil. - Ph.D. (Society and Development)	Mr. Ramnath K. R	Living the life of a Transgender: A Study of Kerala	Dr. Khaikholen Haokip
52.	M.Phil. - Ph.D. (Society and Development)	Mr. Diganta Das	The 'Adivasi' Movements in Assam: Questions of Identity, Indigeneity and Marginality	Dr. Khaikholen Haokip
53.	M.Phil. - Ph.D. (Studies in Science, Technology and Innovation Policy)	Mr. Solanki Deepakkumar Parshotambhai	Prospects and Challenges of Cloud Computing Innovation System in India	Dr. Kunal Sinha
54.	M.Phil. - Ph.D. (Studies in Science, Technology and Innovation Policy)	Mr. Kanchan Lala	Dynamics of Innovation in Technology Business Incubators in India	Dr. Kunal Sinha
55.	Ph.D. in Social Management	Mr. Chhote Lal Yadav	Social Security and Cultural Rights in Maritime Employment: An Inquiry into Human Rights Laws and Maritime Labour Laws in the Ports of Gujarat, India	Dr. Sudeep Basu

Current Fund Position as on 01.04.2022 in r/o CUG for the F.Y. 2021-22

(Rs. In Lakhs)						
S.no.	Particular	Salary (36)	Recurring (31)	Capital Assets (35)	Capital Assets (35)- Permanent Campus	Total
1	Budget approved by UGC	2,189.86	1,485.00	400.00	-	4,074.86
2	Opening Balance as on 01.04.2021	264.26	-342.90	1,527.09	3,550.00	5,181.45
3	Grant released	1,925.60	1,485.00	400.00	1,500.00	5,310.60
4	Interest Earned	43.84	-	81.04	134.44	259.32
5	Total Fund Available (2+3)	2,189.86	1,142.10	1,927.09	5,050.00	10,492.05
6	Expenditure Upto 31.03.2022	2,181.53	1,367.46	276.00	5,041.54	8,866.53
7	Available balance as on 01.04.2022 (5-6)	8.33	-225.36	1,651.09	8.46	1,625.52
Note:-Rs.1625.52 lakhs include unspent balance of Rs.183.00 lakhs from XI Plan.						



Memories 2021-22





Cheer for India movement @CUG



Celebration of Swachhta Pakhwada



Celebration of Swachhta Pakhwada



Signing of MoU between CUG and MG Central University



Cultural activities under Ek Bharat Shreshtha Bharat



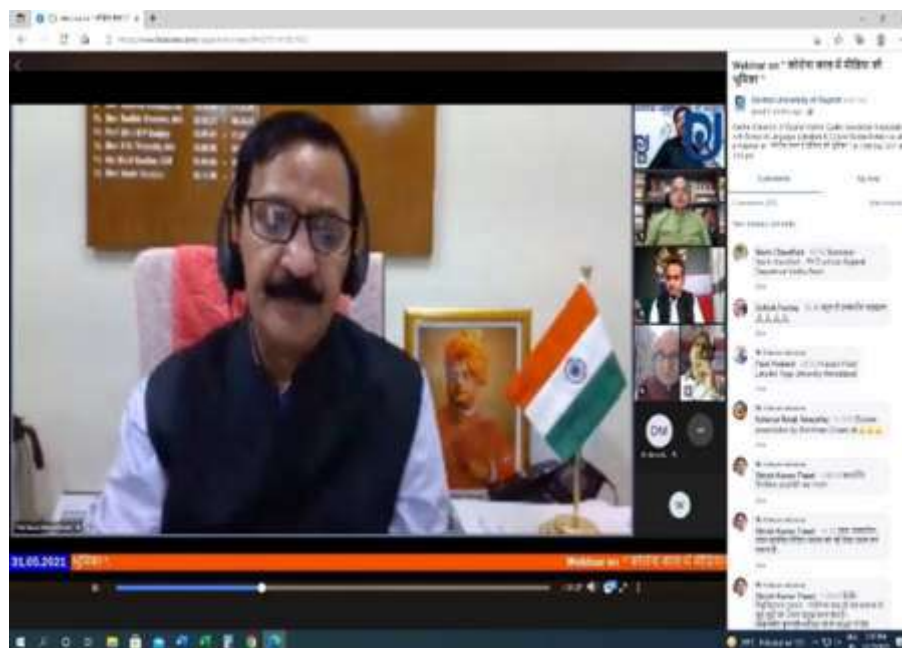
Run for Unity organised on the occasion of Sardar Patel Jayanti



Health consultation camp through Indian system of medicine @CUG



Honourable VC speaking at a webinar on Role of media during COVID-19



Chief guest speaking at a webinar on Role of media during COVID-19



Programme on swastha Jeevan shaily organised under Ek Bharat shreshtha Bharat



Webinar on Chhattisgarh after two decades under Ek Bharat shreshtha Bharat



Celebration of No tobacco day @CUG



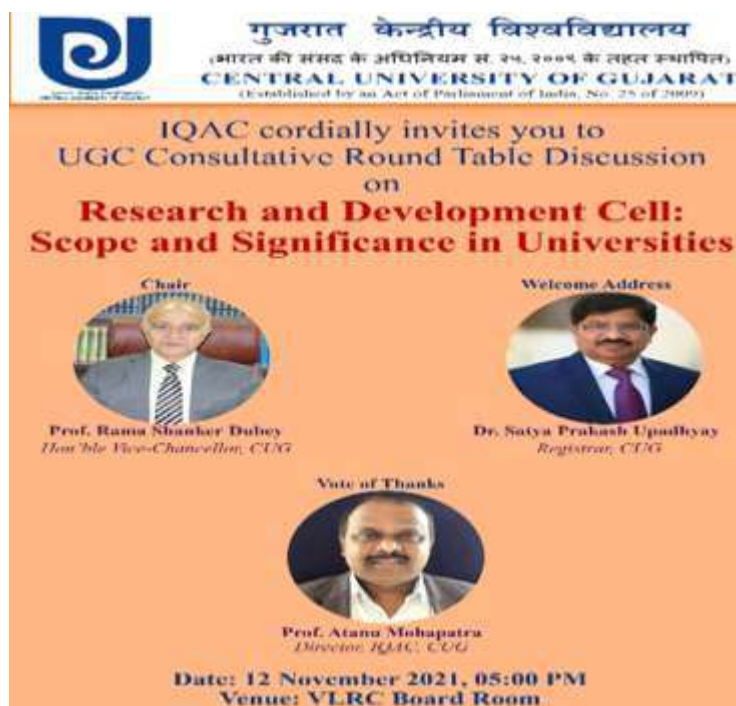
Celebration of 7th International Yoga day by Yoga Club



Garba training programme under Ek Bharat shreshtha Bharat



Swachhta pledge programme on 8th September 2021







गुजरात केन्द्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF GUJARAT

ज्ञान-विज्ञान विमुक्तये

Central University of Gujarat

Internal Quality Assurance Cell (IQAC)

Invites you all

UGC Consultative Workshop on National Research Internship Programs in HEIs

Moderator



Prof. Atanu Mohapatra
Director, IQAC, CUG

Chair



Prof. Rama Shanker Dubey
Vice-chancellor, CUG



**VLRC , Sector-29
Central University of Gujarat**



**22-03-2022,
12 P.M.**



गुजरात केन्द्रीय विश्वविद्यालय
(भारत की संसद के अधिनियम सं 25, 2009 के तहत स्थापित)
CENTRAL UNIVERSITY OF GUJARAT
(Established by an Act of Parliament of India, No 25 of 2009)





EBSB, ICC & NSS, CUG

Celebrates

INTERNATIONAL WOMEN'S DAY

ON
8TH MARCH 2022

Theme: **"Gender Equality Today for a Sustainable Tomorrow"**

Program: **Sharing your Ideas on the Theme**
On
7TH March 2022
From 05:30 p.m. onwards

Venue: CUG, Seminar Hall, Sector – 29, Gandhinagar.

Language for the Participation: English, Hindi & Gujarati

Time Limit for each Participant: 5 to 7 minutes

Registration: On the spot at the venue.

Prizes: Best Three Ideas will be awarded.

Note: The decision of the judge's panel will be considered final.



ગુજરાત કેન્દ્રીય વિશ્વવિદ્યાલય
Central University of Gujarat

**75th Year of
INDIA'S INDEPENDENCE**

Walk for Azadi Ka Amrit Mahotsav
"FITNESS KI DOSE AADHA GHANTA ROZ"

ON
29th August 2021
Time : 8:05 am onwards
Venue : From Sector-30 CUG Campus to Sector-29 CUG Campus, Gandhinagar




Event Partner :  કેનરા બેંક
Canara Bank



















ગુજરાત કેન્દ્રીય વિશ્વવિદ્યાલય અને
ભારતીય ઇતિહાસ સંકલન સમિતિ, ગુજરાત
કે સત્તાવાધાન મેં આયોજિત એક દિવસીય પરિસંવાદ
આઝાદી કા અમૃત મહોત્સવ
ભારતીય સ્વતંત્રતા સંગ્રામ અને નવ ભારત નિર્માણ

અધ્યક્ષીય સ્પષ્ટીકરણ	મુખ્ય અતિથિ	વિનિમિત્ત અતિથિ
 પ્રો. રામાશંકર દુબે અધ્યક્ષ, એક ભારત એક ભારત ગુજરાત કેન્દ્રીય વિશ્વવિદ્યાલય, સોલંકેશ્વર	 ડૉ. ખાલિદ મુહમ્મદ ખાન અધ્યક્ષ, ભારતીય ઇતિહાસ સંકલન સમિતિ, ગુજરાત	 ડૉ. ગિરીશચંદ્ર ડાટ્ટા અધ્યક્ષ, ભારતીય ઇતિહાસ સંકલન સમિતિ, ગુજરાત
આયોજક પરિચય	આયોજક સંચાલિકા	
 પ્રો. અનંદ મહાપાત્ર અધ્યક્ષ, એક ભારત એક ભારત ગુજરાત કેન્દ્રીય વિશ્વવિદ્યાલય, સોલંકેશ્વર	 પ્રો. પૂર્ણિમા શર્મા અધ્યક્ષ, ભારતીય ઇતિહાસ સંકલન સમિતિ, ગુજરાત ગુજરાત કેન્દ્રીય વિશ્વવિદ્યાલય, સોલંકેશ્વર	

વિતરણ : ૨૬-૦૯-૨૦૨૧, સમય મુજબ ૧૧.૦૦ વાગે થી સંપૂર્ણ ૧.૦૦ વાગે તક
સ્થાન : મુખ્ય સભાગાર, ગુજરાત કેન્દ્રીય વિશ્વવિદ્યાલય, સેક્ટર-૨૧, સોલંકેશ્વર



WEBINAR ON
RESPONDING THE CHALLENGES OF COVID- 19:
AWARENESS AND PREVENTION

8TH/05/2021
4.00 PM

CHAIR


Prof. Rama Shankar Dubey
 Honorable Vice-Chancellor, CUG

SPEAKERS


Prof. K. O. Suresh
 Vice-Chancellor
 Mahatma Chhatrapati National
 University of Journalism and
 Communication, Bhopal


Prof. Dilip J. Oza
 Department of Education
 MS University, Baroda


Prof. Debi P. Sarker
 Department of Biochemistry
 Delhi University, Delhi

ORGANIZERS


Prof. Anand Narasimhan
 Chairperson, ESS


Prof. Shrinivas Patil
 Contributor, USA


Dr. Rajesh Gupta
 Head Officer, NSS

LIVE : <https://facebook.com/cuaadmin/>

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Prof. Sarita Agrawal (chairperson)

Members

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Prof. G. R. Angadi

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Dr. Subhash Kumar

Dr. Pramod Kumar Tiwari

Dr. Gajendra Meena

Dr. Paulami Sahu

Dr. Shilpa Popat

Dr. Shrish Kumar Tiwari

Dr. Vipul Solanki



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Established by an Act of Parliament of India, No. 25 of 2000

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