

# ANNUAL REPORT | 20<sup>19</sup><sub>20</sub>



गुजरात केन्द्रीय विश्वविद्यालय

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

**CENTRAL UNIVERSITY OF GUJARAT**

(Established by an Act of Parliament, 2009)

Sector-29, Gandhinagar-382030, Gujarat, INDIA

[www.cug.ac.in](http://www.cug.ac.in)

## ॥ कुलगीत ॥

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

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

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

भाषा, शिक्षा, रसायन, प्रबंधन, विविध ज्ञान, विज्ञान समागम  
नवाचार से विश्वविद्यालय में जहाँ शोधरत हर जनमन  
नयी विद्या 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 ॥

इस कुलगीत की रचना मा. कुलपति प्रो. रमा शंकर दूबे द्वारा की गयी है ।



As the Chancellor of the Central University of Gujarat, it is heartening to see that the University has gained a lot of ground over the previous academic year. I welcome the new Vice Chancellor, Prof. Rama Shanker Dubey, who has joined the University in the month of November, 2019. With his vast experience as an accomplished teacher and vice chancellor, he will be able to provide necessary momentum to the activities of the University. Soon after he joined as Vice Chancellor he organised a presentation of the academic and co-curricular activities of the University for my understanding and review in the month of February, 2020. This gave me insights into the strengths and weaknesses of the University and the steps that the University needs to take to improve upon its performance and be recognized among the best institutions of India.

I personally feel that the University needs to be rooted within the state of Gujarat and attend to its immediate social or economic or scientific concerns as well as carve out a niche for itself as a truly national academic institution. University can grow more vibrant both culturally and academically if it interacts with the local ecosystem of Gujarat regularly.

It is encouraging to note in the report that the University has been able to achieve quite a few milestones during the course of the year. The University held its second convocation in the month of February where degrees to graduands were distributed. The Convocation was a grand ceremony with the Chief Minister and the Education Minister as honoured guests. The University also has maintained a sterling record in the number of research publications by the faculty members which amounted to about 250.

University is defined by its students. Efforts must be made by all stakeholders for the admission process to be streamlined in such a way that maximum number of students join the University for all its courses. Given the infrastructural constraints, this may take time but if the University focuses on the local student pool and attracts them with courses that have a value as well as are linked with placements and jobs, I am confident that the admission numbers and quality would improve over a period of time.

My best wishes to the future of the University. May this collaborative endeavour continue

**Dr. Hasmukh Adhia**  
Chancellor



I feel it a privilege to have joined the Central University of Gujarat on 22nd November 2020 as its Vice Chancellor. More than this, I feel myself very fortunate in having worked under the able patronage and guidance of a great human being, our Hon'ble Chancellor, Dr. Hasmukh Adhia Ji, who has always inspired and motivated me towards achieving academic excellence for the university. It gives me immense satisfaction and pleasure to present the annual report of Central University of Gujarat that presents the glimpses of the various activities undertaken in the University during the year 2019-20.

Central University of Gujarat is now in the 11th year of its establishment. The 2nd Convocation of the University was held within the Campus of the University on 22nd February, 2020 in full Indian attire where the Honourable Chief Minister of Gujarat, Shri Vijaybhai Rupani Ji was Chief Guest, Honourable Education Minister Shri Bhupendrasinh Chudasama Ji was Guest of Honour and Hon'ble Chancellor Dr. Hasmukh Adhia Ji presided over the function. 'KULGEET' of the University, reflecting cultural ethos of Gujarat as well as Vision and Mission of the University, written and composed for the first time, was recited at the Convocation. The Convocation ceremony witnessed the awarding of degrees and 'Medals' to more than 350 graduands from different disciplines. Introduction of 'Medals' for the rankers of the university at the Master's level was an important achievement during the year.

The University possesses a vibrant academic ambience with a pool of nearly 100 talented teachers committed to quality teaching and research in diverse disciplines of Science, Social Science and Humanities covering 44 academic programmes. During the year 2019-20, faculty members have brought out an impressive number of nearly 250 quality publications. It is laudable to note that majority of scientific publications emanating from the university have appeared in high impact factor international journals. Many patents granted to the faculty members suggest relevance of scientific endeavour for the society. A University is centre for creation of knowledge and the knowledge creation is rooted in quality research with robust backup of infrastructure. It is a matter of great pride that the University has state of the art Central Instrumentation Facility (CIF) that houses most advanced scientific equipments like DNA sequencer, LC-MS, 500 NMR, Powder-XRD, Single Crystal-XRD, FACS, FPLC, MALDI-TOF, HR-TEM, HR-SEM, GC, Confocal Microscope, Atomic Force Microscope, Fluorescence Microscope, besides many others. I am very much hopeful that in future years the faculty members will pursue research more vigorously to enhance impact and visibility of the University in national and international academic arena.

Both the campuses of the University, Sector-29 and 30 are completely ICT enabled with Wi-Fi facility. Library of the University is fully automated with remote login facility. University is fully equipped to conduct online teaching and assessment/examinations. The report also outlines the large number of seminars, conferences and

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workshops that were held over the year. It is encouraging to notice that these academic gatherings were held on topics of contemporary relevance that are essential to build a nation that is strongly bound by its cultural roots and yet can take the leap on to the international stage. Combined with such academic gatherings, a large number of GOI-initiated programmes were taken up by the University. To name a few, sterling work was done under the banner of Unnat Bharat Abhiyan, Ek Bharat Shrestha Bharat, Village and School Adoption programmes, and Swachh Bharat Abhiyan. The blending of social responsibilities with academics is one of the mandates of an academic institution. I am happy that these initiatives have been undertaken by the University to our full satisfaction.

The University is developing fast on its path to digitization of administration, admission and examination processes. Admission and evaluation processes were successfully completed in time during the year and I am very much hopeful that more conducive academic ambience will be created in the coming years. University is hopeful of adding many more accomplishments in the years to come with its proposed campus at village Kundhela in district Vadodara.

The strength of a University rests in its students and every effort has been made to ascertain that the students are properly looked after in hostels as well as in campuses, they are regularly mentored, have access to quality teaching and research and their problems are redressed through duly constituted bodies. University is also exploring possible ways of mobilizing funds which can be used for furthering the objective of attaining academic excellence.

The University is committed to nation building with persistent commitment to social and human values. In consonance with the philosophy of great patriot and educationist Mahamana Pandit Madan Mohan Malaviya Ji, who wanted to make education a power to awaken the nation, so that the new generation can serve the society and the nation with selfless spirit, this University is committed to provide a holistic system of education, learning with continuous assessment following CBCS, to promote innovations in teaching learning process, to offer most relevant programmes of studies, so that highly competent human resource pool can be created who could serve as multifaceted leaders to accept the global challenges, but with devotion to human values, imbibing glorious Indian traditions, culture and ethos.

I hope that in the coming years, as an academic fraternity, we will be able to contribute to building a nation that not only treasures its past but also shapes a future towards which the world can look forward to.

My greetings to all.

**Prof. Rama Shanker Dubey**  
Vice Chancellor

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Academic year of an organizations adds glories to it in terms of achievements by the students, faculty and administrative members. The vision of the university is achieved with many activities and laurels brought by the members of the organization.

The technology provided for teaching and research and their output is appreciable in last academic year. Even though working from a temporary campus and without hostel facility we were able to manage to provide best possible facilities to students.

Various extension activities of the University like NSS and Village adoption help to reach to the society and work with the motive of the educational institutions to work for the community.

I wish much more successful years to come that gives us excellence in all fields with a purposeful and successful future.

**Prof. Alok Kumar Gupta**  
Registrar (offg.)

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# 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.

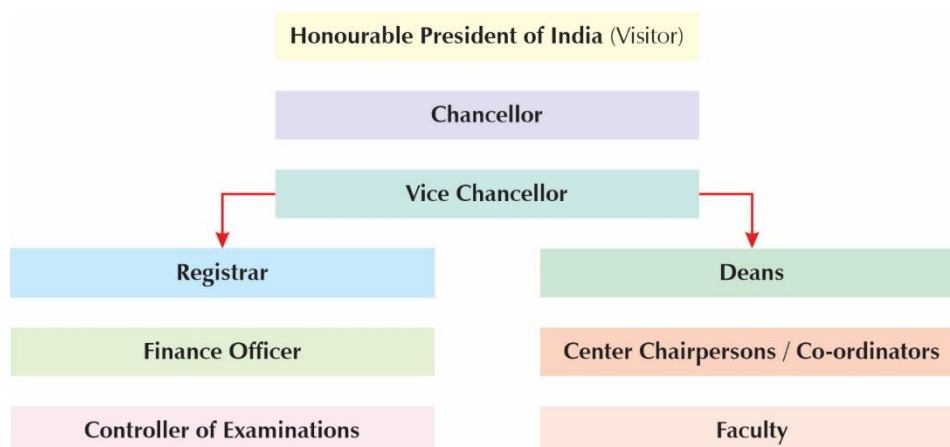
Adjunct Professors are considered an asset to the university in terms of sharing knowledge and exposure. Hence, the university invites adjunct faculty members from various institutes and universities of national and international repute. These faculty members support the university by acting as joint 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

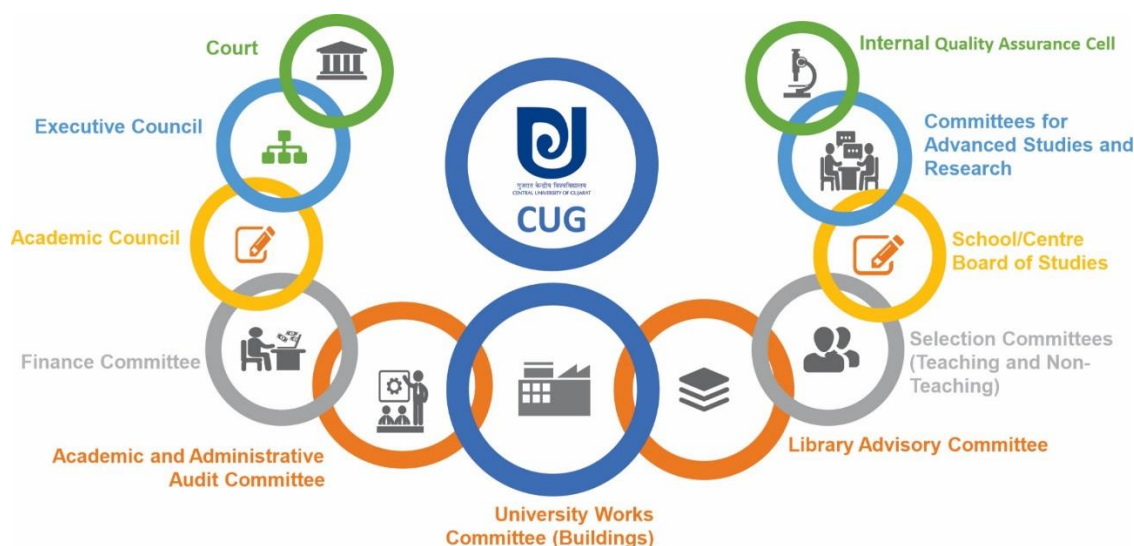
One of the components of the higher education in which the university seeks to excel is extension activities. Having committed itself to taking campus to the community and putting scholarship generated and technology innovated, the university seeks to address some of the pressing issues the society confronts. 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 University

### Infrastructure and Learning Resources

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

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

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

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

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

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

## The University Campuses with General Infrastructure and Amenities

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

### Sector 29 Campus:

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

- Office of Administration and Finance
- Office of the CoE of the
- Schools of Language, Literature & Culture Studies
- School of Social Sciences
- School of International Studies
- School of Library and Information Science
- School of Education,
- B. Voc.
- Reading Room & Ladies Room
- Faculty Blocks
- Academic & Administrative Block
- IQAC
- Seminar Halls
- Virtual Learning Resource Centre
- Language Laboratory
- Cafeteria
- Gymnasium, games and sports
- 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 CIF

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)	For the measurement of the specific surface area of a



	Surface Area Analyser	material, etc.
9.	Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)	Detection of trace metals etc.
10.	Spectroscopic Ellipsometer	Determination of dielectric properties of thin films and characterize composition, roughness, thickness, crystalline nature, doping concentration, electrical conductivity, etc.
11.	Refractometer Index (RI)	For the measurement of an index of refraction, etc.
12.	500 MHz Fourier-Transform Nuclear Magnetic Resonance (FT-NMR)	Determination of structure, dynamics, reaction state, chemical environment of molecules etc.
13.	Dynamic Light Scattering (DLS)	Determination of size and zeta potential of various particles including proteins, polymers, micelles, carbohydrates, nanoparticles, emulsions or molecules, etc.
14.	Scanning of Electron Microscope (SEM)	Examination of surface morphology, Identification of metals and materials, powder morphology, particle size, and analysis, etc.
15.	Scanning of Electron Chemical Microscope (SECM)	To determine the electrochemical behavior of liquid/solid, liquid/gas and liquid/liquid interfaces, etc.
16.	Atomic Force Microscope (AFM)	Topographic characterization of surfaces, the study of protein-nucleic acid complexes, chromosomes, cellular membranes, proteins, and peptides, etc.
17.	Electron Spectroscopy for Chemical Analysis (ESCA)	Determination of oxidation states, identification of polymeric coatings, surface compound identification, identification of organic contamination, detection of elements, etc.
18.	Ozonolysis	Used in drug syntheses, cleavage of an alkene or alkyne with ozone to form organic compounds, etc.
19.	High-Resolution Transmission Electron Microscope (HRTEM)	Size and morphology of particles, lattice parameters, crystal symmetry, and orientation, etc.
20.	Thermo Gravimetric and Differential Thermal Analysis (TG/DTA)	Determination of thermal stability, mass loss due to decomposition, oxidation or loss of volatiles, etc.
21.	Gel Permission Chromatography (GPC)	To determine the polydispersity index, molecular weight, etc.
22.	Potentiostat	Analysis of reaction mechanisms related to redox chemistry and other chemical phenomena, etc.
23.	UV-visible Spectrophotometer	Determination of different analytes such as transition metal ions, highly conjugated organic compounds, biological

		macromolecules, etc.
24.	Porosimeter	Determination of pore diameter, total pore volume, surface area, absolute densities, etc.
25.	Polarimeter	Measurement of the optical activity, inorganic and organic compounds, etc.
26.	Total organic carbon (TOC)	To determine the amount of carbon found in an organic compound and used as a non-specific indicator of water quality, etc.
27.	Fluorescence-Activated Cell Sorting (FACS)	Rapid analysis of multiple characteristics of single cells including cell size, cytoplasmic complexity, DNA or RNA content, membrane-bound and intracellular proteins, etc..
28.	Ultra Centrifuge	Determine sedimentation velocity, shape, and mass of macromolecules, isolate viruses, organelles, membranes and biomolecules such as DNA, RNA and lipoproteins, etc.
29.	Real Time PCR (RT-PCR)	For the amplification of a targeted DNA molecule, quantitatively, and semi-quantitatively i.e. above/below a certain amount of DNA molecules, etc.
30.	High-Speed Centrifuge	Separate substances of greater/ smaller density, etc.
31.	Matrix-Assisted Laser Desorption/Ionization (MALDI-TOF)	Rapid identification of proteins, peptide mass fingerprinting, molar mass, etc. distribution, identification of micro-organisms, etc.
32.	Confocal Laser Scanning Microscope (CLSM)	Morphological studies of a wide spectrum of living cells and tissues, etc.
33.	Fluorescence microscope	Visualize specimens that emit light of a different color and to study intracellular signalling in bacteria, etc.
34.	DNA Sequencer	To determine the precise order of nucleotides within a DNA, etc.
35.	Fast Protein Liquid chromatography (FPLC)	Separation of various proteins, purification of plasmid DNA and RNA, etc.

### Virtual Learning Resource Centre (VLRC)

The Virtual Learning Resource Centre (VLRC) is a web-based information retrieval service. It comprises electronic information accessed through the CUG Library website. This is a centre for all electronic and e-databases. The library OPAC and reference material can be accessed. The VLRC provides a facility of the

internet to all students to have an easy access to electronic resources, e-databases, educational video services. It also provides a facility of the Language Lab to the students of the German Studies and the Chinese Studies.

### Central Library

The Central Library is rapidly building up to be one of the leading research and professional libraries in the world. All the bibliographic details of books, ebooks, journals, Online Databases are accessible through the campus wide Ethernet network. CUG Campus Sector-30, and 29 campus and school/centres and offices of the University are connected to the Library through Intranet/Internet. The Central Library has installed exclusively for Visually Challenged students Braille Software, Kurzwell, Sara CE and Jiffy Scanner. The Central Library has also created a Learning Centre for Visually Challenged.

It holds about 38450 books and 2800 ebooks, and subscription to over 30 print/online journals and magazines and over 8903+ e-journals and 1.66 lakh Ebsco ebooks. It is also centrally subscribed to more than one lakh econtent on SAGE Research Methods Online for users.

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.

### 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.

## Remedial Programme

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

## WSEP Programme

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

## Placement Cell

The University has established a Placement and Training Cell which is responsible for the interface between the University and possible recruiters. The University has a fully equipped placement office and a Placement Officer. The Cell has begun placing students from the Winter Semester 2015.

## Games and Sports

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

## Cultural Activities

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

## Canteen

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

## Transport Facility

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

## Conference Facility

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

## Non-NET Fellowships

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

## Welfare Schemes for SC/ST, Minority and Girl Students

The welfare schemes notified and implemented by the Government of India and UGC are followed in the University and the schemes, announced from time to time, are introduced within the University as applicable. Students from the state of Gujarat are also eligible for State Government Fellowship for SC/ST students.

## Hostel Facilities

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

## Best Practices at CUG for Staff Welfare

- Complete automation of entrance examination and admission processes
- Automation of the Office of the Controller of Examinations
- Timely declaration of results
- Regular updating of curricula, once every 3 years
- CBCS followed across all Schools
- ICT enabled teaching – learning
- Financial support to students for international presentations
- Medical Facility & Reimbursement – Self & Family
- Tie up with four major hospitals for medical aid including cashless facility during 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 Court	Name of persons nominated/appointed
1.	Chancellor - Chairman	<b>Dr. Hasmukh Adhia</b>
2.	Vice Chancellor	<b>Prof. Rama Shanker Dubey</b>
3.	Pro-Vice Chancellor	Vacant
4.	Registrar – Member Secretary	<b>Prof. Alok Kumar Gupta</b>
5.	Finance Officer	<b>Prof. Sanjay Kumar Jha</b>
6.	Controller of Examinations	<b>Prof. Sanjeev Kumar Dubey</b>
7.	University Librarian	Vacant
8.	Dean of Students' Welfare	<b>Prof. H. B. Patel</b>
9.	Deans of Schools (by rotation on seniority) – Three to be nominated by Vice Chancellor	1. <b>Prof. Man Singh</b> , SCS 2. <b>Prof. Sanjay Kumar Jha</b> , SNSS 3. <b>Prof. J. P. N. Mishra</b> , SLS
10.	Chairpersons of Centres (Other than Deans), by rotation on seniority – Three to be nominated by Vice Chancellor	1. <b>Prof. Atanu Bhattacharya</b> , CES 2. <b>Prof. Balaji Ranganathan</b> , CCLTS 3. <b>Dr. Prakash C. Jha</b> , CAMS
11.	Professors of the University (other than Deans & Chairpersons), by rotation on seniority – Three to be nominated by Vice Chancellor	1. <b>Prof. Alok Kumar Gupta</b> 2. <b>Prof. Sanjeev Kumar Dubey</b> 3. <b>Prof. Sarita Agrawal</b>
12.	Four persons representing learned professions – to be nominated by the Visitor	1. <b>Prof. B. H. Jajoo</b> , Former Dean, Visiting Professor, IIM Ahmedabad, Gujarat 2. <b>Prof. Sangeeta Shukla</b> , Vice Chancellor, Jiwaji University, Gwalior, Madhya Pradesh 3. <b>Prof. Kailash Narain Tripathi</b> , Former Vice Chancellor, Dr. Bhimrao Ambedkar University, Agra, Uttar Pradesh 4. <b>Prof. Arvind Kumar</b> , Professor, Department of Commerce and Management, University of Lucknow, Uttar Pradesh

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



## Executive Council

	Structure of the EC	Name of persons nominated/appointed
1.	Vice Chancellor	<b>Prof. Rama Shanker Dubey,</b> (Chairman, Ex-Officio)
2.	Pro Vice Chancellor	Vacant
3.	A Central University Vice Chancellor or a serving University Professor of Eminence, nominated by the Executive Council on the recommendation of the Vice Chancellor	<b>Prof. Rajneesh Kumar Shukla</b> Vice Chancellor Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, Wardha
4.	Dean of Students' Welfare	<b>Prof. H. B. Patel</b>
5.	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	<b>Group -I</b> (1) <b>Prof. H. B. Patel,</b> Dean, School of Education (Upto 29.11.2021)  (2) <b>Prof. Sarita Agrawal,</b> Dean, School of Social Sciences (Upto 29.11.2021)  (3) <b>Prof. Atanu Bhattacharya,</b> Dean, SLL&CS  <b>Group – II</b> (1) <b>Dr. Indrani Benerjee,</b> Dean, School of Nano Sciences (Up to 29.11.2021)  (2) <b>Dr. Bhawana Pathak,</b> Dean, School of Environment & Sustainable Development
6.	One Professor, who is not a Dean, by rotation according to seniority, nominated by the Vice Chancellor	<b>Prof. Sanjeev Kumar Dubey,</b> Centre for Hindi Studies (Up to 17.05.2021)

7.	One Associate Professor, by rotation according to Seniority, nominated by the Vice Chancellor	--
8.	One Assistant Professor, by rotation according to seniority, nominated by the Vice Chancellor	<b>Dr. Vinai Kumar Donthula,</b> Centre for German Studies (Upto 24.07.2020)
9.	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
10.	Four persons of distinction in academic life, nominated by the Visitor	Nominations Awaited from Hon'ble Visitor
11.	One Member each from the Categories, namely Scheduled Castes, Scheduled Tribes, Other Backward Classes, Minorities, Women and Differently Abled, nominated by the Vice Chancellor as members from the teachers of the University or other Central/State Universities	<ol style="list-style-type: none"> <li>1. <b>Prof. Y. C. Simhadri</b>, Visakhapatnam</li> <li>2. <b>Prof. T. V. Kattimani</b>, Hyderabad</li> <li>3. <b>Prof. Saket Kushwaha</b>, Itanagar</li> <li>4. <b>Prof. A. M. Pathan</b>, Karnataka</li> <li>5. <b>Prof. Kavita Shah</b>, Varanasi</li> <li>6. <b>Prof. Devendra Kumar Singh</b>, Varanasi</li> </ol>
12.	Registrar	<b>Prof. Alok Kumar Gupta</b> (Secretary, Ex-officio)

## Academic Council

	Structure of Academic Council	Name of persons appointed/nominated
1.	Vice Chancellor	<b>Prof. Rama Shankar Dubey,</b> Hon'ble Vice Chancellor (Chairman, Ex-Officio)
2.	Pro Vice Chancellor	Vacant
3.	A Central University Vice Chancellor or a serving University Professor of Eminence, nominated by the Academic Council on the recommendation of the Vice Chancellor	<b>Prof. Surya Pratap Singh</b> Head, Department of Biochemistry Institute of science Banaras Hindu University
4.	Dean of Schools of Studies	<ol style="list-style-type: none"> <li>1. <b>Prof. Man Singh,</b> Dean, School of Chemical Sciences</li> <li>2. <b>Prof. J P N Mishra,</b> Dean, School of Life Sciences</li> <li>3. <b>Prof. Atanu Bhattacharya,</b> Dean, SLL&amp;CS</li> <li>4. <b>Prof. Sanjay Kumar Jha,</b> Dean, School of National Security Studies</li> <li>5. <b>Prof. Sarita Agrawal,</b> Dean, School of Social Sciences</li> <li>6. <b>Prof. Manish,</b> School of International Studies</li> <li>7. <b>Prof. H B Patel,</b> Dean, School of Education</li> <li>8. <b>Dr. Indrani Bannerjee,</b> Dean, School of Nano Science</li> <li>9. <b>Dr. Bhawana Pathak,</b> Dean, School of Environment &amp; Sustainable Development</li> <li>10. <b>Dr. Prakash C Jha</b> Dean, School of Applied Material Science</li> </ol>
5.	Chairpersons of Centre of Studies	<ol style="list-style-type: none"> <li>1. <b>Prof. Alok Kumar Gupta,</b> CHS</li> <li>2. <b>Prof. Atanu Bhattacharya,</b> CES</li> <li>3. <b>Prof. Balaji Ranganathan,</b> CCL&amp; TS</li> <li>4. <b>Prof. Sarita Agrawal,</b> CSEP</li> <li>5. <b>Prof. Manish,</b> CIP</li> <li>6. <b>Prof. H B Patel,</b> SOE</li> <li>7. <b>Dr. Prakash C. Jha,</b> CAC</li> <li>8. <b>Dr. Atanu Mohapatra,</b> CDS</li> </ol>

		<b>Dr. Arun Vishwanathan, CSS</b>
6.	Six Professors, by rotation, adequately representing different Schools of Studies, according to seniority nominated by the Vice Chancellor	<ol style="list-style-type: none"> <li>1. <b>Prof. Man Singh,</b> Dean, School of Chemical Sciences</li> <li>2. <b>Prof. Alok Kumar Gupta,</b> SLL&amp;CS</li> <li>3. <b>Prof. J P N Mishra,</b> Dean, School of Life Sciences</li> <li>4. <b>Prof. Manish,</b> School of International Studies</li> </ol>
7.	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"> <li>1. <b>Dr. R. Hiranmai Yadav, SESD</b></li> <li>2. <b>Dr. Umesh C S Yadav, SLS</b></li> <li>3. <b>Dr. Seema Rawat, SLS</b></li> <li>4. <b>Dr. Arun Vishwanathan, SIS</b></li> <li>5. <b>Dr. Jayendra Kumar Amin, SoE</b></li> <li>6. <b>Dr. G R Angadi, SoE</b></li> </ol>
8.	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"> <li>1. <b>Dr. Anushka Gokhale, CHS</b></li> <li>2. <b>Dr. Saurabh Sharma, CIP</b></li> <li>3. <b>Dr. Shiju Sam Varughese, CSST&amp;IP</b></li> <li>4. <b>Dr. Manasi Singh, SNSS</b></li> <li>5. <b>Dr. Rina Kumari, SESD</b></li> <li>6. <b>Dr. Sunita Patel, SLS</b></li> </ol>
9.	Dean of Students' Welfare	<b>Prof. H B Patel</b>
10.	Librarian	Vacant
11.	One Proctor by rotating according to seniority	<b>Dr. Indrani Banerjee</b>
12.	Provost	<b>Dr. Seema Rawat</b>
13.	Warden	<b>Dr. Parvathi K. Iyer</b>

14.	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"> <li><b>Prof. Vishvambhar Nath Mishra</b>, Professor and Head, Department of Electronic Engineering, Indian Institute of Technology, Banaras Hindu University</li> <li><b>Mr. Satish Jacob</b>, Senior Journalist, New Delhi</li> <li><b>Dr. Om Prakash Pandey</b>, Former Scientific Advisor to Prime Minister, New Delhi</li> <li><b>Shri Anand Mohan Tiwari</b>, IAS, Ahmedabad</li> </ol>
15.	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
16.	Two students' representatives, to be nominated by the Vice Chancellor on merit basis, from members of the Students Council of University, on rotation basis.	To be nominated
17.	<p>The following representatives:</p> <ul style="list-style-type: none"> <li>• One of Scheduled Castes</li> <li>• One of Scheduled Tribes</li> <li>• One of Other Backward Classes</li> <li>• One of Minorities</li> <li>• One of Women; and</li> <li>• One of the Differently Abled</li> </ul> <p>shall be nominated by the Vice Chancellor as members from the teachers of the university or other Central/State Universities.</p>	<ol style="list-style-type: none"> <li><b>Prof. Sukhadev Bhoi</b>, New Delhi</li> <li><b>Prof. Sureshbhai C. Padavi</b>, Anand</li> <li><b>Prof. K N S Yadava</b>, Haridwar</li> <li><b>Prof. Akbar Masood</b>, Srinagar, J&amp;K</li> <li><b>Prof. Nisha Jha</b>, Bhagalpur, Bihar</li> <li><b>Prof. Sanjay Kumar Satyarthi</b>, Daman</li> </ol>
18.	Registrar – Secretary	<b>Prof. Alok Kumar Gupta</b> (Ex- Officio Secretary)

## Finance Committee

	Structure of the FC	Name of Persons nominated/appointed
17(1)(i)	The Vice Chancellor	<b>Prof. Rama Shanker Dubey</b> Chairman – Ex-officio
17(1)(ii)	The Pro Vice Chancellor	Vacant
17(1)(iii)	One person to be nominated by the Court	Awaited
17(1)(iv)	Three persons to be nominated by the Executive Council, out of whom at least one shall be a member of the Executive Council	(1) <b>Prof. A. N. Rai</b> , North Eastern Hill University, Shilong (2) <b>Prof. Saket Khuswaha</b> , Rajiv Gandhi University, Itanagar (3) <b>Prof. G C R Jaiswal</b> , Patliputra University, Patna
17(1)(v)	Three persons to be nominated by the Visitor	(1) <b>JS &amp; FA, MHRD</b> , New Delhi (2) Joint Secretary (CU&L), MHRD, New Delhi (3) Joint Secretary, UGC, New Delhi
	The Finance Officer	<b>Prof. Sanjay Kumar Jha</b> Secretary - Ex-officio

## Officials of the University

### Deans of Schools

Sr. No	School Name	Deans
01.	School of Chemical Sciences	Prof. Man Singh
02.	School of Life Sciences	Prof. J. P. N. Mishra
03.	School of Language Literature & Culture Studies	Prof. Atanu Bhattacharya
04.	School of Library and Information Sciences	Prof. Atanu Bhattacharya
05.	School of National Security Studies	Prof. Sanjay Kumar Jha
06.	School of Social sciences	Prof. Sarita Agrawal
07.	School of International Studies	Prof. Manish
08.	School of Education	Prof. H. B. Patel
09.	School of Nano Science	Dr. Indrani Banerjee
10.	School of Environment and Sustainable Development	Dr. Bhawana Pathak
11.	School of Applied Material Science	Prof. Prakash C Jha

### Details of Chairpersons

Sr. No.	Chairperson Name	Centres	Schools
1.	Dr. Atanu Bhattacharya	Centre for English Studies	School of language literature and culture studies
2.	Prof. Balaji Ranganathan	Centre for comparative literature and translation studies	School of language literature and culture studies
3.	Dr. Prakash Chandra Jha	Centre for applied chemistry	School of applied material sciences
4.	Prof. Sarita Agrawal	Centre for studies in economics and planning	School of Social sciences
5.	Prof. Alok Kumar Gupta	Centre for Hindi studies	School of language literature and culture studies
6.	Prof. Manish	Centre for international politics	School of international studies

7.	Dr. Arun Viswanathan	Centre for security studies	School of national security studies
8.	Dr. Atanu Mohapatra	Centre for diaspora studies	Independent centre
9.	Dr. Jayendra Kumar Amin	Centre for studies and research in education	School of Education

## Details of coordinator

Sr. no.	Coordinator name	Centre name	School name
01.	Dr. Bhakti Gala	Centre for library and information science	School of library and information science
02.	Dr. Hemant Kumar	Centre for studies in science, technology and innovation policy	School of Social sciences
03.	Dr. Khaikholen Haokip	Centre for studies in society and development	School of Social sciences
04.	Dr. Smruti Ranjan Dhal	Centre for Gandhian thought and peace studies	School of Social sciences
05.	Dr. Sony kunjappan	Centre for studies in social management	School of Social sciences
06.	Dr. Sony kunjappan	M.A. in Social Work programme	School of Social sciences
07.	Dr. Nishant Kumar	Centre for Chinese studies	School of language literature and culture studies
08.	Dr. Roshanlal Jahel	Centre for German studies	School of language literature and culture studies



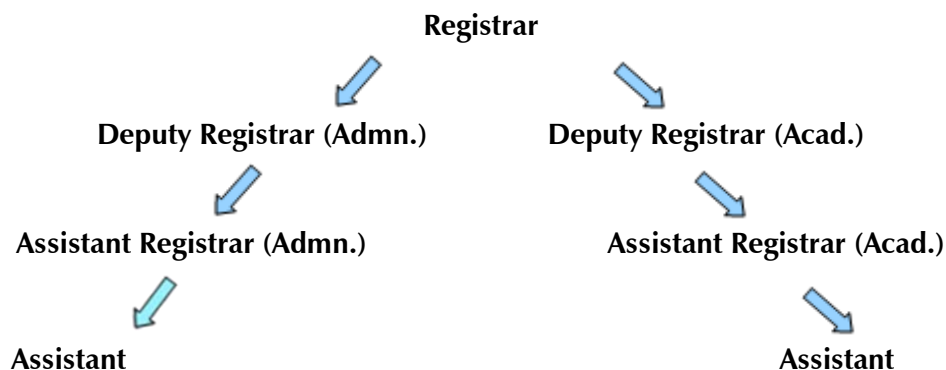
## Administration and Establishment Department

### About the Department

The Administration and Establishment Department derives its role and functions from the Central University Act, No. 25 of 2009. As a backbone of the University, the Administration and Establishment Department provides administrative support to Hon'ble Vice-Chancellor of the Central University of Gujarat (CUG) for effective administration and smooth functioning of all Activities of the University.

### Governance Structure

The governance structure of the Administration, Establishment, Academics and Authorities is as under:-



The activities of the department relate to catering to human resources, undertaking procurement and keeping records. Currently, this department is headed by Prof. Alok Kumar Gupta, Registrar (Offg.). Further, Shri Jayprakash Soni, Deputy Registrar (Admn.), Shri Tarun Kumar Soni, Assistant Registrar (Admn.) and one Assistant on regular basis are working in the department supported by contractual and outsource staff.

### Functions of Administration and Establishment Department

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

## Major Activities of the Department during 2019-20

### Human Resources Cell

1. Preparation of Annual Performance Appraisal Report for teaching staff
2. Promotions of Non-Teaching Staff
3. Appointment of Guest Faculty
4. Notification for recruitment of teaching and non-teaching staff

### Administration Department

1. Search cum Selection Committee for appointment of Vice Chancellor, CUG
2. Preparation of revised DPR for Permanent Campus

### Important Tenders:-

1. Tender document for procurement of Magnetron Sputtering system.
2. Procurement of high-performance Liquid Chromatography.
3. Expression of interest for Prefabricated Laboratory Chambers.
4. Expression of interest for hiring of Building for University Hostel.
5. Tender document for procurement of Computer Workstation.
6. Procurement of Steroglass Rotary Evaporator.
7. Tender document for procurement of Recirculating Cooler.
8. Procurement of Potentiostat Galvanostat.
9. Tender document for procurement of Rotary Evaporator.
10. Tender document for procurement of IGBT based DC Power Supply.
11. Tender document for supply, implementation and management of cloud based product and services of Microsoft office 365.
12. Event management agencies/firms & companies to provide logistics support for setting up convocation venue i.e. pandal, stage and other associated facilities for organizing the 2<sup>nd</sup> Convocation of Central University of Gujarat held in the month of February 2020.
13. Tender document for procurement of CCTV Surveillance System.

### Important Committees

#### **Sub: Constitution of Committee for Coronavirus (COVID 19)**

- Ref: 1. UGC D.O. No. F.No.1-14/2020 (website) dated 05/03/2020  
2. Approval of Hon'ble Vice Chancellor dated 09/03/2020.

In view of the advisory issued by University Grants Commission, New Delhi for taking necessary precautions and to help in prevention/reduction of the transmission of the virus, a committee is being constituted as under:-

1. **Prof. H.B. Patel**, DSW - Chairman
2. **Dr. Seema Rawat**, Provost - Member
3. **Dr. Sony Kunjappan**, Asst. Prof. CSSM, SSS – Member
4. **Dr. B. B. Shah**, Consultant Medical officer – Member Secretary

The Committee will provide necessary guidance to Staff and Students of the University considering the advisory issued by University Grants Commission. Any suspected case be reported to the committee. Faculty Members/Students with travel history to COVID-19 affected country in the last 28 days should report to the committee for monitoring and home quarantine.

### Constitution of Committee to Finalize Annual Rate Contract (ARC)

Hon'ble Vice-Chancellor has Constituted a Committee of following members for preparation of Tender and finalise Annual Rate of Contract (ARC) for Chemicals, Laboratory, Glassware, Laboratory Plastic Wares with Filter/Filter Papers, Minor Equipments and Miscellaneous Items for the year 2018-19.

Sr.No.	Name & Designation	Remarks
1	Prof. Man Singh, Dean, SCS	Chairperson
2	Dr. Bhawana Pathak, Dean, SESD	Member
3	Prof. J.P.N Mishra, Dean, SLS	Member
4	Dr. Indrani Banerjee, Dean, SNS	Member
5	Dr. Prakash Jha, Dean, SAMS	Member
6	Shri D.V Rao , IAO (Consultant)	Member
7	Shri Jayprakash M. Soni, Deputy Registrar (Admin.)	Member
8	Shri Shamsher Singh, AR(F&A)	Convener

The Committee is required to call quotations from reputed and reliable suppliers, manufacturers and distributors for empanelment and finalize the ARC and by taking into consideration the requirement of all the Schools/Centres and CIF after following the GFR.

### Subject: Constitution of Cultural Council and Cultural Calendar for the University

A Cultural Council for Central University of Gujarat is being constituted with immediate effect. The Council will prepare a Cultural Calendar for the University and will ensure maximum participation of Students in the events.

The following are the members of Cultural Council:-

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Sr.No.	Name & Designation	Remarks
1	Prof. Atanu Bhattacharya	Chairperson
2	Dr. Zakia Firdaus	Member
3	Dr. Anushka Gokhale	Member
4	Dr. Tulika Tripathi	Member
5	Dr. Pramod Kumar Tiwari	Secretary

### Committee for Library Books/Journal Purchase

A Library Books/Journal Purchase Committee is being constituted comprising of the following members:-

Sr.No.	Name & Designation	Remarks
1	Prof. JPN Mishra, Dean, SLS	Chairperson
2	Prof. Sanjay Kumar Jha, Finance Officer	Member
3	Dr. Devendra Kumar Singh, University Librarian, Banaras Hindu University, Varanasi	External Member
4	Dr. Housamani, Librarian, INFBLIBNET, Gandhinagar	Member
5	Dr. K.B. Agadi, Assistant Librarian	Secretary

The Committee will assess the requirements of Books/Journals for the library and will finalize the orders for purchase following standard procedures.

## Admission and Evaluation Department

The admission department and examination and evaluation department function under the office of controller of examinations (COE). 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. COE office has Implemented various academic ordinances of the university from time to time and UGC regulations in letter and spirit to enable smooth functioning and timely completion of academic calendar. The evaluation department strives to accomplish timely and smooth evaluation of thesis/dissertation as mandated by UGC. Further, the COE office has adopted a students' data management system which has enabled online enrolments/registrations, folio filling, marks entry and result preparations and issuing certificates.

### 2019-20 Admissions at a glance

CUG has been conducting computer based-online entrance tests from the academic year 2015-16 and has successfully conducted its all-India level entrance test completely in online format for three years in a row including academic year 2018-19. From the AY 2019-20, the University joined the Central Universities Common Entrance Test (CUCET) platform for Admissions and appointed Controller of Examinations, Prof. Sanjeev Kumar Dubey as Nodal Officer, Deputy Controller of Examinations, Dr. Umesh C. S. Yadav (Associate Professor in SLS) and Dr. Dinesh Kumar Associate Professor, SCS as Deputy Nodal Officers vide Notification No. 25/AAM-2018-19 dated 25.01.2019. The University commenced the admission process to various Diploma, UG, PG, M.Phil., Ph.D. and M.Phil.-Ph.D. Integrated Programmes that are being offered by different schools and centres for the Academic Year 2019-20. Further, as per the directions of the Hon'ble Vice Chancellor an Admission Committee was constituted to initiate necessary preparations for the Admissions 2019-20 vide Office Order No. 02/2019 dated 28.01.2019 with following details:

Sr. No.	Name	Role
1.	Prof. Sanjeev Kumar Dubey, Controller of Examinations	Chairperson and Nodal Officer CUCET-2019
2.	All Deans or his/her nominee*	Members
3.	All Chairperson of Centres	Members
4.	All Coordinators of Centres	Members
5.	Dr. Umesh C. S. Yadav, Associate Professor, SLS & Deputy- Controller of Examinations	Deputy Nodal Officer CUCET 2019
6.	Dr. Dinesh Kumar, Associate Professor, SCS	Deputy Nodal Officer CUCET 2019

## Time Line of Entrance Test for Academic Year 2019-20

Sr. No.	Important Dates	Date
1.	Admission Notification	March 13, 2019
2.	Online Application Form availability on the Website	March 13, 2019
3.	Last date for submission of Online Application Form	April 20, 2019
4.	Date of Entrance Test (Online Only)	May 25 & 26, 2019
5.	Result Announcement	June 21, 2019
6.	Beginning of Monsoon Semester	July 23, 2019

The All-India Entrance test was conducted on 25<sup>th</sup> and 26<sup>th</sup> May 2019, and results were declared on 21st June 2019. After the declaration of the results, the university conducted online registration for counselling of students for admissions. This helps the candidates complete the counselling from the comfort of their homes. The merit list preparation and declaration for UG/PG programmes is also done online. Once selected for admission, the students can complete the enrolment from home. The interview for research programmes were conducted in accordance with UGC regulation 2016 in 4<sup>th</sup> week of July 2019 after which the merit lists were declared. Further details of the admission process are given below:

### Declaration of Merit List of UG and PG Programmes and admission window:

1<sup>st</sup> Merit List: 16<sup>th</sup> July 2019 to 23<sup>rd</sup> July 2019

2<sup>nd</sup> Merit List: 26<sup>th</sup> July 2019 to 02<sup>nd</sup> August 2019

### Declaration of Merit List of Research Programmes and admission window:

1<sup>st</sup> Merit List: 30<sup>th</sup> July 2019 to 5<sup>th</sup> August 2019

2<sup>nd</sup> Merit List: 08<sup>th</sup> August 2019 to 14<sup>th</sup> August 2019

3<sup>rd</sup> Merit List: 22<sup>nd</sup> August 2019 to 27<sup>th</sup> August 2019

### Closing of admissions 2019-20:

The admissions were declared closed for academic year 2019-20 on 27<sup>th</sup> August 2019 for all programmes as per the direction of the Competent Authority.

### Major Highlights of the Department

- Successful online entrance examinations conducted for the admission to different programmes in the Academic Year 2019-20.

- After the declaration of CUCET results, CUG offered Online Counselling to the candidates, published the merit list online and provided online enrolment facility to new students, using which they could register from the place of their dwellings.
- Establishment and implementation of NAD and digital degree on NAD portal of first lot of the students who have been awarded degree during 1<sup>st</sup> convocation 2018 have been uploaded. NAD is being popularised among students so that they can access their degrees online through NAD and also get it digitally verified during employment.
- Timely declaration of results as per the academic calendar of the university and issuance of marks/grade sheets on time.
- The COE office has adopted an online solution for the Student Information and Exam Process Management System (SI&EPMS) in the University with the aim to make its service completely online.
- Successfully conducted 2<sup>nd</sup> Convocation of the university on February 22, 2020 where hon'ble Chief Minister of Gujarat was the Chief guest and delivered the convocation address.

## Second Convocation of Central University of Gujarat

The second convocation of the university was conducted on 22<sup>nd</sup> February 2020 at Central University of Gujarat, Sector 29 Campus, Gandhinagar. Honourable Chief Minister of Gujarat, Shri Vijaybhai Rupani was the Chief Guest and delivered convocation address. Hon'ble education minister Shri Bhupendrasinh Chudasma was special guest at the event. The Honourable Chancellor, Dr. Hasmukh Adhia conferred the degrees on the students who had successfully completed their undergraduate, post graduate and research programmes to the eligible students of 2-year PG programmes of A.Y. 2016-17 and 2017-18; students of 5-year integrated MA programmes of 2013-14 and 2014-15 batches and research scholars of Research programmes (M.Phil. and Ph. D) who have successfully completed their programmes and found eligible after the date of 1<sup>st</sup> convocation held on 18<sup>th</sup> December 2018 and were found eligible. The Academic Council and Executive Council had approved 368 degrees and the same were awarded to the students belonging to above batches who had completed their respective undergraduate, post graduate and research programmes (graduated/awarded till 18<sup>th</sup> February 2020). In the 2<sup>nd</sup> convocation, the University awarded CUG Medals to the highest mark earner of each UG/PG programme of the A.Y. 2016-17 and 2017-18.

The Controller of Examinations, Prof Sanjeev Kumar Dubey, led the convocation procession comprising of the Executive council, Academic council members to the dais. Once the dignitaries were seated, the university Kulgeet, written by Hon'ble Vice Chancellor Prof. Rama Shanker Dubey, was recited by the students. Honourable vice chancellor welcomed the dignitaries and guests to the 2<sup>nd</sup> convocation of the university. The COE presented all the graduands to be admitted for the award of respective degrees and Hon'ble Chancellor accepted the graduands present in the venue as well as in absentia. All the eligible PG, UG and doctoral students, received their degrees on the dais from Honourable Chancellor, Shri Hasmukh Adhia. Some students were awarded in absentia who were to collect their degrees from university counter or by post.

The Chief Guest, Hon'ble Chief Minister of Gujarat, Shri Vijaybhai Rupani, in his convocation address called upon the students to contribute to the development of a humane society and participate in the planning and policy making which helps in shaping the governance and the society. The Chief Minister also urged the faculty to inculcate values that makes the students 'Indian' in true sense as well as to produce citizens who can contribute not only to the economic development of a country but also to its social and moral upliftment. The dignitaries consisting of government officials, heads of premier educational institutions of the capital city Gandhinagar, renowned professionals as well as the parents of the graduating students, faculty members, staff and student community were present and extended their good wishes to the graduated students who began a new chapter of their professional lives with their academic degrees. The registrar, Prof. Alok Gupta presented the vote of thanks.



## Finance and Accounts Department

### About the Department

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

The Finance and Accounts department is headed by Finance Officer (currently Offg.), who is assisted by the Assistant Registrar, Drawing and Disbursing Officer, Internal Audit Officer and support staff. The department has been structured to perform three distinct tasks namely Finance and Budget, Audit and Accounts and Payment and Bill Section. There are 03 officers and 08 staff deputed to discharge different responsibilities at the department.

### Major Highlights

- University has achieved the target set up by the MHRD for 100 percent cashless transactions during 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 successfully implement EAT module of the PFMS portal.
- Separate Audit Report on the Accounts of the University for the FY 2018-19 have been appreciated by the Finance Committee of the University.
- At the end of the FY 2019-20, Competent Authority has shifted the Fellowship Cell from Finance Dept to the Academic and Authority Section under the control of DR(Acad.) to deal with all kinds of Fellowship related work.

## Central University of Gujarat Alumni Association

### About CUGAA

Central University of Gujarat Alumni Association (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. Membership of CUGAA will also 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. This would certainly provide an opportunity to all the members to implement programs that promote the interests of the University and its alumni.

### Duties and Responsibilities

- The founding members can be entrusted with the responsibility of the formulation of rules and regulation of CUGAA and also the registration of CUGAA (as both under the Trust and Society Registration Act).
- The founding members would be permanent Trustees of CUGAA.
- The founding members shall constitute first managing council of CUGAA and further within eighteen months after the registration of CUGAA, election would be held for the Office Bearers of CUGAA.
- The first office Bearers of CUGAA (i.e. President, Vice President; General Secretary and Treasure) would be elected from amongst the founding members by the founding members themselves.
- The rules and regulations prepared by the founding members shall be submitted to the University authorities for further approval before it is taken up for registration.
- The Convener of the founding members of CUGAA shall be authorized to call meetings of CUGAA and take decisions in consultation with founding members for the formation of CUGAA.

### Activities undertaken during 2019 – 2020

- On 3<sup>rd</sup> June 2019, letter received from Registrar inviting two representatives from Alumni Association (elected by the members) for the constitution of University Court.
- The data of passed out students was collected from COE Office.
- In reference to the letter received for the Alumni Association Nominees for the constitution of University Court, the Office of Central University of Gujarat Alumni Association (CUGAA) had sent emails on 18<sup>th</sup> July 2019 to the passed out students requesting them to be Alumni by registering themselves online. The deadline given for the registration was 5<sup>th</sup> August 2019.

- Letter of Request sent to the Registrar dated 21<sup>st</sup> August, 2019 to consider payment of Registration and Life Membership fees of CUGAA in two instalments.
- Approval letter received from the Registrar dated 27<sup>th</sup> September, 2019 for the first instalment (non refundable) to be paid within a period of one month and second instalment to be paid within a period of 6 months from the date of issue of the Office Order.
- Emails were sent on 14<sup>th</sup> and 15<sup>th</sup> October to all the passed out students with a copy marked to the Coordinators, Chair Persons and Deans of the Schools, requesting them to encourage students to be alumni.
- 10 students have registered themselves as the alumni of CUG.
- Details about CUGAA have been prepared and uploaded on CUG website.
- Budget proposal prepared for one day seminar on “**Envisioning Central University of Gujarat towards contribution to Gujarat**” which will be held in December 2020.
- Budget for the functioning of the Alumni office had also been submitted to University authorities.
- **Alumni Policy**, in line with MHRD/UGC guidelines for CUGAA Chapter has been prepared and submitted.

## Ek Bharat Shreshtha Bharat

### Introduction

India is a unique nation, whose fabric has been woven by diverse linguistic, cultural and religious threads, held together into a composite national identity by a rich history of cultural evolution, coupled with a rousing freedom struggle that was built around the tenets of nonviolence and justice. The spirit of mutual understanding amidst a shared history has enabled a special unity in diversity, which stands out as a tall flame of nationhood that needs to be nourished and cherished into the future. It is important to establish cultural exchanges between people of different regions, as a means to further human bonding and a common approach to nation-building.

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

Under this scheme, Gujarat and Chhattisgarh are paired with each other. One of the fundamental aims of this scheme is to understand the art, culture, history, tradition of different states and country at large. It will enhance the attachment between people of different states and will strengthen the unity and integrity of India. Hence, our Prime Minister has said, *सरदार वल्लभभाई पटेल ने हमें एक भारत दिया, अब यह १२५ करोड़ भारतीयों की जिम्मेदारी है 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.

## Aim

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.

**“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**

## EBSB Team of CUG

1. Dr. Atanu Mohapatra, Chairman and Nodal Officer
2. Dr. Minaxi Parmar, Convener
3. Dr. Dinesh Kumar, Member
4. Dr. Hiranmayi Yadav, Member
5. Dr. Charulata Dubey, member
6. Dr. G. N. Gururaja, Member

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. The major focus of the events has been art and culture training, language learning and site seeing in the respective states.

The EBSB of CUG had conducted various programs during 2019-20 which is elaborated are as under.

### **1 EBSB Day: Sardar Patel Jayanti Celebration (31<sup>st</sup> October 2019)**

It is the birthday of the Iron Man and first home minister of Independent India, and the man who made the dream of EK BHARAT SHRESHTH BHARAT a reality. On this occasion CUG, EBSB conducted a distinguished lecture delivered by Dr. Rizwan Kadari, Historian Ahmedabad, at seminar hall of sector 29 campus of CUG. On the same day, 30 minutes documentary screening also held on “ Life and Times of Sardar Vallabhbhai Patel” in the presence of the chief guest Dr. Rizan Kadari and all CUG faculty members and students.

### **2 EBSB Day : Chhattisgarh Day (1<sup>st</sup> November 2019)**

Chhattisgarh became a state on 01 November 2000. And as the Pair state of Gujarat, we at CUG celebrated the Chhattisgarh day on 01 November. A documentary on GURU GHASIDAS a famous saint of Chhattisgarh was screened in the presence of Prof. H B Patel, DSW, Chairman of EBSB and Dr. Rajneesh Gupta NSS Program officer and faculty members and students of CUG.

### **3 Gujarat Visit of students Guru Ghasidas University (9<sup>th</sup> -18<sup>th</sup> January 2020)**

- i. As part of paired state visit activity, a GGU team came to the CUG with 25 students and two faculties Dr. Shushma and Dr. S.S. Thakur. EBSB, CUG, team had prepared the time-table for day wise and session wise activity as well as an expert relevant to the activity.
- ii. Gujarati Tie and Die Textile training
- iii. Gujarati Embroidery training
- iv. Tring of famous Garba dance
- v. Basic Gujarati Language training
- vi. GGU team participated in Youth festival organised in UG on the occasion of Vivekanada Jayanti
- vii. Visit to Statue of Unity
- viii. Visit to Raan of Kutch, Bhuj
- ix. Cultural evening performance by GGJ EBSB team at CUG

### **4 Youth Festival (12.01.2020)**

First time as per the instruction of MHRD, EBSB CUG ad organised Youth Festival at CUG on 12 January 2020. Various sports activities were organised and prizes were distributed to participants.

### **5 EBSB Day: Vivekananda Jayanti Celebration (12.01.2020)**

On the occasion of Vivekananda Jayanti, a special talk was organised. Mr. Sudarsan Rambardan from Tamilnadu had delivered the lecture and hon'ble Vice Chancellor of CUG had chaired the session in the presence of the EBSB chairman and faculty members and students.

## EBSB Program, Central University Of Gujarat

### Student Exchange

Name/Location of Institution 1	Central University of Gujarat, Gandhinagar
Name/Location of paired Institution	Guru Ghasidas Central University, Bilaspur
No. of students identified for movement	24 Students in one batch X 02 batches = 48 Students in a year
Proposed Date of Visit to Paired Institution	20.02.20 to 28.02.20 and 20.09.20 to 28.09.20
Proposed Date of Visit from paired Institution	12.01.20 to 20.01.20 and 10.11.20 to 20.11.20
Name/Contact of Nodal Person at Institute 1	Dr. Atanu Mohapatra
Name/Contact of Nodal Person at Institute 2	Dr. Rajendra Mehta

### EBSB DAY

Name/Location of Institution	Central University of Gujarat, Gandhinagar
Identified state pairings within students of institute (eg TN-J&K students, AP-Punjab students)	Central University of Gujarat - students, Guru Ghasidas Central University students
Days of the month proposed to be observed as EBSB Day	31.10.19 - Sardar Patel Jayanti 01.11.19 - Chhattisgarh Day 18.12.19 – Guru Ghasidas Jayanti 12.01.2020 – Vivekananda Jayanti 20.02.2020 14.04.2020- Dr. Ambedkar Jayanti 15.05.2020 – Shukhdev Jayanti 23.07.2020 – Chandra Sekhar Azad Jayanti 24.08.2020 – Shivam Rajguru Jayanti 27. 09.2020 – Bhagat Singh Jayanti
Name/Contact of Nodal Person	Dr. Atanu Mohapatra



## Internal Complaints Committee

Internal Complaints Committee during the last academic year added student members through election process organized by Central University of Gujarat. The list of members of committee were uploaded on University website with contact details so that any student or teaching and non-teaching staff members can approach in case of need. The working rules and other duties of the members were displayed on notice boards of University at various places and also on social media.

The International Women's Day on 8<sup>th</sup> March 2020 was celebrated as per the communication received from Ministry of Women & Child Development. It was arranged from 1-7 March, 2020 with various activities like Round Table Conference/Discussion on Women Empowerment, Interactive sessions, Panel Discussion, Special lecture on Ayushman Bharat scheme benefits for Women and Child Health and Slogan writing. The report was submitted to Ministry of Women & Child Development, University Grants Commission and Ministry of Human Resources and Development. It was also published in newspapers of Gujarat.



Annual return of cases were submitted to MHRD as per DOP & T O.M. No.11013/2/2014-EStt.A.111 dated February 2, 2015. Reports were also submitted to Gender Sensitization Cell, University Grants Commission by Presiding Officer Dr. R. Y. Hiranmai.

Regular meetings were conducted to organize programmes as per the ICC rules and regulations. Discussions were also held with Honourable Vice Chancellor, Central University of Gujarat.

## Internal Quality Assurance Cell

### 1. Significant contributions made by IQAC during the year

- Modified notification and initiation of the executer of faculty recruitment process
- Preparation of Academic Calendar based on new guidelines oh MHRD and UGC
- Organising workshop for Teaching & Non-teaching staff on new technology of Assessment and Accreditation by NAAC
- Successfully organised in CUG the Jal Shakti Abhiyan, Swakchhata Pakhwada and Fit India Movement, Flagship programme of Govt. of India

### 2. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year:

Plan of Action	Achievements/Outcomes
Preparation of DPR after completion of law allotment to the University	DPR was prepared for permanent campus at Vadodara and submitted to MHRD for approval
Automation process in the functioning of different sections of the University	(i)In house recruitment portal was developed by ICT department of the University. Application for various teaching and no-teaching posts were invited twice through their portal only. (ii)Public fund management system has been successfully implemented in all kind of financial process. (iii)Admission, semester wise registration, examination and evaluation process were carried out completely through online mode.
Execution of the process of recruitment of teaching and non-teaching staff	(i)All the vacant posts of teaching and non-teaching categories were advertised twice and after the last date for submission of application forms, the process of scrutiny was initiated. (ii)A comprehensive guidelines for scrutiny of teaching post was developed and also implemented in the selection process of a few departments.



Implementation of promotion policy to teaching and non-teaching staff	(i)All due promotions were given to concerned faculty members (stage 1 to 2 & 5 to 6) and non-teaching staff (for Section Officer to Assistant Registrar) (ii)Application received for faculty members, whose promotion were due, were scrutinized by scrutiny committee constituted under the Chairmanship of Director, IQAC.
Implementation of the non-teaching staff development programme	Two-day orientation-cum-training programme was organised for all non-teaching staff members with the help of internal and external members.
Organisation of National/International programmes for faculty development	Almost every School/Centre organised at least one or more than one national seminar/webinar to enhance and update the subject specific knowledge of the faculty members of the University.
Organization of the Convocation of Central University of Gujarat	The University successfully organised its 2nd Convocation on February 22, 2020 at its own campus.
Organisation of Extension activities in the University through Extension Cell and NSS unit	Several outreach and extension activities were organised by Extension Cell and NSS unit like Swakchhata Pakhawada, Jal Shakti Mission, Adoption of School and village, Fit India Movement.

### 3. At the initiative of the IQAC following development programmes were organized:

- On job specialized training to the staff members?
- Health and wellbeing supporting schemes.
- Training of the academic & non-teaching staff related to decentralization of University functions.

### 4. Post Accreditation initiative(s) taken by IQAC were:

- Augmentation of infrastructure facilities.
- Campus development in terms of developing green zone, power supply and student's facilities.
- Automation of the functions of different academic & administrative sections.

## International Students' Advisor

### About ISA

Office of **International Students Advisor** handles the enquiries and facilitates all the foreign nationals who have taken admission at Central University of Gujarat.

### Duties and Responsibilities

- Liasoning with Indian Council for Cultural Relations (ICCR)
- Communicating with Foreigner Regional Registration Offices (FRRO)

- Guide International students and ensure their smooth settlement at Central University of Gujarat.

### Activities undertaken

- There are 2 International Students admitted in CUG during the year 2019-2020
  - Ms. Rania Ahimsa Firdaus – Indonesia is pursuing BA (Second Year) in Chinese program at Centre for Chinese Studies, School of Language, Literature and Cultural Studies
  - Ms. Shabana Zardana from Afghanistan is pursuing M.A in Social Work (First Year), School of Social Sciences
- Details about ISA have been prepared and uploaded on CUG website.

## Remedial coaching Cell for SC/ST/OBC (non-creamy layer) and Minority Community

### Objectives of the Cell

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

To raise their level of comprehension of basic subjects to provide a stronger foundation for further academic work.

To strengthen their knowledge, skills and attitudes in such subjects, where quantitative and qualitative techniques are involved, so that, the necessary guidance and training provided under the programme may enable the students to come up to the level necessary for pursuing higher studies efficiently.

To provide career guidance and psychological counseling for capacity building to those who are in need of such counseling.

To conduct Research Methodology classes for Research scholars

To prepare Scheduled Castes, Scheduled Tribes, OBC (non-creamy Layer) and Minority Communities candidates for appearing in UGC-NET JRF/ CSIR and SET so that sufficient number of candidates become available for selection as Lecturers in the university system.

To orient students for particular examination conducted for selection to services such as IAS. State Public Services, Bank recruitment etc.

To provide counselling for students

The following lectures were organised by the Cell:

1. Interaction-Cum-Orientation with Prof. Rama Shankar Dubey, Vice Chancellor, Central University of Gujarat, Gandhinagar. 10 January 2020

2. Special Invited Motivational and Awareness Lecture by Prof. R.K. Kale, Former Vice Chancellor, Central University of Gujarat, Gandhinagar. Chaired by Prof. Rama Shankar Dubey, Vice Chancellor, CUG. February 4, 2020.
3. Prof. Raja Shekhar Bellamkonda, School of Social Management or Pro Vice Chancellor, University of Hyderabad, has been delivered a lecture on Orientation- cum-Guidance and Road Map for the Future”. Chaired by Prof. H.B. Patel, Dean, School of Education, Central University of Gujarat, Gandhinagar. 26<sup>th</sup> August 2019
4. Prof. Raja Shekhar Bellamkonda, School of Social Management or Pro Vice Chancellor, University of Hyderabad, has been delivered a lecture on Research Methodology in Social Sciences. Chaired by Prof. Sarita Agrawal, Dean, SSS, Central University of Gujarat, Gandhinagar. 26<sup>th</sup> August 2019
5. UGC NET Coaching Classes conducted from 23.11.2019- 27.11.2019
6. English Grammar, Reading Comprehension, communications and writing skills classes have been conducted from January last week 2020 to March 1<sup>st</sup> Week 2020

## NSS Activities

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.

### 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
- utilise their knowledge in finding practical solutions to individual and community problems
- develop competence required for group-living and sharing of responsibilities
- gain skills in mobilising community participation
- acquire leadership qualities and democratic attitudes
- develop capacity to meet emergencies and natural disasters and
- practice national integration and social harmony

### Organizational Structure

Advisory Committee is the highest decision-making body of NSS, CUG. Hon'ble Vice Chancellor is the ex-officio Chairperson of the Advisory Committee. Regional Director (NSS), Director of Education (Government of Gujarat), State NSS Officer (Government of Gujarat), Registrar (CUG), DSW (CUG), Finance Officer (CUG) are ex-officio members of this body. Other Members of the Advisory Committee include- Prof. Alok Gupta (Coordinator, NSS CUG), Dr. Rajneesh Kumar Gupta (Nodal Officer, NSS, CUG), Dr. Litty Denis, Dr. Dheeraj Rathore and Dr. Manu Sharma. Mr. Nirav Patel served as a volunteer member in the academic year 2019-20. In the financial year 2019-20 the meeting of the NSS Advisory Committee held on 21 August 2019.

## Volunteer Strength

The sanctioned strength of NSS to Central University of Gujarat is 2 units. As one unit consists 100 volunteers, up to 200 volunteers are enrolled.

## NSS Activities

Activities of NSS are broadly divided in two categories- Regular Activities and Special Camp. NSS works throughout the year and committed volunteers of NSS devote their time and energy for the cause of the society and nation.

- a. **Regular Activities-** In past one-year NSS, CUG conducted a range of activities concerning to health, sanitation, environment, disaster management, national integration and so on.

**Health:** Health is one of the focus areas of our activities. The emphasis was on the overall health and for this 'Poshan Maah' was observed in September 2019 and organized awareness activities in nearby areas of the campus as well as in adopted village- Amja. To promote healthy life style various activities were carried out including a day long workshop on 'Impact of Lifestyle choices on Environment and Animals' held on 3 March 2020 in collaboration with Vegan Outreach. Further, to prevent spread of COVID-19 NSS volunteers launched a mass campaign in the month of March 2020 on health and hygiene through various virtual platforms. To promote Indian system of medication NSS in collaboration with Yoga club organized Naturopathy Camp on 11 April 2019. May 31, 2019 was celebrated as anti-tobacco day NSS was also an integral component of 'Yoga Day Celebration' of university on 21 June 2019.

**Blood Donation:** Blood donation is a core component of voluntarism in NSS. NSS volunteers actively participated in blood donation camps organized at different occasions. Large number of volunteers donated blood in the camp organized by Canara Bank on 13 November 2019 at Raj Bhavan (Governor's House) on 18 January 2020.

**Sanitation:** Sanitation is a thrust area of the work of NSS through **Shramdaan**. Efforts are made to shape the idea of *Swachhata - a Jan Andolan* as visualized by honourable Prime Minister in his speech. NSS observed 'Swachhata Pakhwada' during 1-15 August 2019 and 1-15 September 2019. 'Swachhata Hee Seva' campaign was conducted from 11 September to 27 October 2019. Cleanliness drive through *Shramdaan* were carried out in hostels, university premises, neighbourhood and adopted village. Theme of sanitation activities were 'water conservation' and 'plastic free campus'. NSS volunteers also conducted these activities in adopted village- Amja (District Gandhinagar). Another round of swachhata activities were carried out during January 16-17, 2020 in which volunteers of NSS and members of university fraternity took swachhata pledge and enthusiastically participated in plogging activity.

**Environmental Issues:** NSS at CUG took several initiatives, such as celebration of World Earth Day (22 April 2019) and World Environment Day (5 June 2019). In the last week of July 2019 NSS launched plantation drive and many dignitaries including honourable Vice Chancellor, Registrar, Deans, senior faculty and staff participated. NSS has also established a 'herbal garden' at university campus through plants received from Medicinal Plant Board, Gujarat Government. In view of protecting birds in the summer season artificial nests and water pots have been installed in both campuses of the university. NSS volunteers take care of day to day requirement of water and grains for the birds. Four volunteers from the university got the opportunity to be a part of Dialogue on Climate Change organized by Gujarat Vidyapith on 12 March 2020. It is noteworthy to mention that all environment related activities are fully supported by School of Environment and Sustainable Development of the university.

**Relief Work:** Help in relief and rescue operations during natural or man-made **calamities** is integral part of the activities of NSS. The NSS volunteers came forward at the hour of crisis to support affected people. They collected fund to help Pulwama CRPF Martyr's, Odisha cyclone affected people, and flood affected people in Bihar. The collected fund was transferred by NSS to Bharat Ke Veer account, Chief Minister Relief Fund Odisha and Chief Minister Relief Fund Bihar.

**National Integration and Social Harmony:** 'Practice national integration and social harmony' are inbuilt in the aims and objectives of NSS. To attain this objective NSS celebrates national day, birth anniversaries of prominent personalities and other important occasions. In the year 2019-20 Birth Anniversary of Mahatma Gandhi, Swami Vivekananda, Sardar Vallabhbhai Patel and Pt. Deendayal Upadhyaya were celebrated-. On the occasion of Pt. Deendayal Upadhyaya Jayanti a workshop was organized on 'Relevance of Integral Humanism in Contemporary World' in which Prof. A.D.N. Bajpai (former Vice Chancellor, HP University Shimla and APS University, Rewa) and Prof. V.K. Srivastava (Vice Chancellor, Sankalchand Patel University, Visnagar) delivered distinguished lecture. To promote values of socio-cultural and religious harmony, NSS observed 'communal harmony week' during 19-25 November 2019. As a part of this, various awareness activities were organized and volunteers collected fund which was sent to National Foundation of Communal Harmony. As nation is celebrating 150<sup>th</sup> birth anniversary of Mahatma Gandhi; NSS, CUG decided to undertake all the activities from 2 October- 2018 to 2 October 2019 on the theme of "Celebrating 150<sup>th</sup> year of the Mahatma".

**Democratic Spirit and Constitutional Values:** Exercising franchise is the basic requirement of a democracy. With this belief NSS carried out various activities to promote voters participation in the General Election in April 2019. Awareness rallies, slogan writings, poster making, wall painting, creation of human chain and so on in different parts of Gandhinagar District were organized. NSS volunteers were a part of 'voters verification programme' launched by district administration during 1-15 October 2019. One volunteer got the opportunity to attend state level programme organized on 'National Voters Day (25 January 2020). NSS also joined the activities organized by the university on 'Constitution Day' (26 November 2019).

**Swachha Bharat Summer Internship (SBSI):** NSS is a part of SBSI programme of Government of India. During June-July 2019, three teams of NSS with total fifteen volunteers joined this programme. Volunteers devoted stipulated hours in the activities in the rural areas as per guidelines of SBSI and submitted their work report.

**Fit India:** NSS is also a part of Fit India movement and the volunteers are actively engaged in its activities.

**EBSB Activities:** As per instruction of State NSS office, EBSB is an integral component of NSS activities. Therefore, NSS collaborates in all activities conducted by EBSB cell of the university.

**Pariksha Pe Charcha:** On 20 January 2020 Shri Narendra Modi honourable Prime Minister of India delivered his address on 'Pariksha Pe Charcha'. There was a live telecast of the event in the university. NSS volunteers facilitated in the logistic arrangement of the telecast at university and devotedly attended the event.

- b. Special Camp-** NSS organizes various special camps with dedicated objectives. Broadly, those camps can be divided into three categories-
- a. **National Integration Camp (NIC)-** These camps are organized in different parts of the country. Main objective of these camps is to facilitate volunteers to understand and experience diversity of India and to promote ethos of national integration. NSS cell of the university had sent volunteers in two NIC in 2019-20. Duration of these camp is seven days.
  - b. **Specific/Adventure camps-** These are short duration camps organized with a very focused objective. NSS organized two such camps in 2019-20 and both were at Amja (District Gandhinagar). First was organized in collaboration with PMMMNTT for 'Green Audit'. The second camp was focused on awareness on 'water conservation' and 'plastic free village'.
  - c. **Rural Camp-** A Seven-day residential camp in the village area was planned in Amja village in Gandhinagar District in the second/third week of March 2020. However, due to spread of COVID-19 it has been postponed.

## School Adoption Program

The School Adoption Programme was initiated in March, 2015 at Central University of Gujarat with the view that the higher education institutions need to be involved to mentor neighbourhood higher secondary, secondary and upper primary school for a period of 5 years. They will be called "Mentoring institutions."

For this, in line with the vision of Central University of Gujarat (CUG) to establish itself as a Centre of Excellence with social commitment and creating skilled human resource with a sense of responsiveness towards society, the country and the world at large, the University undertook a project from March, 2015

and initiated support activities to develop the skills of students the Government Primary School No 1, Sector 29, Gandhinagar, a next door neighbour.

### The following initiatives were taken during the year:

- **Library and mentoring classes:** The school received a library kit of books by Pratham Books, that contains books in three languages, Gujarati, Hindi and English. Students of the University particularly from Centre for English Studies and School of Library and Information Science engaged themselves with students and assisted them in reading and related activities.
- **Distribution of Warm Jackets:** All students of the school were distributed warm jackets in December 2019 for winter as school uniform.
- **Remedial Classes:** Previous year students of various Schools at the University enthusiastically were engaged with the tiny learners to equip them with various skills. They gave remedial classes for English, Mathematics and Computer Science
- **Computer Lab:** The students also provided Computer class teaching them computer lab set up by the University.
- **Sanitary Pad Vending Machine:** A sizable increase in attendance of girls is visible with the installation of sanitary pad vending machine.
- **Sewing Machines:** The students of the school were provided training in sewing at the school.
- **Weekly Fruit distribution drive:** An initiative was taken by students and teachers of University to sponsor fruit distribution every week to the students of the school.
- **School Uniform:** A few faculty members donated generously towards the school uniform of the students.
- **Participation in Hindi Pakhwada:** Three competitions of Poetry recitation, Singing and Public Speech were held amongst school students as a part of University participation in Hindi Pakhwada in which the students bagged the first, second and third positions.

## Unnat Bharat Abhiyan

University is participating in UBA and facilitating the Social and Environmental awareness in five villages (KakaNuTarapur; Lekawada; Titoda; Pundrasan; Adraj Moti) near Gandhinagar district. Faculty and sstudents are involved in different activities organized by UBA, CUG team. Scientific interventions and implementation is also a major task at village level to solve social and Environmental issues. Students have completed their PG dissertation based on the different social and environmental aspect to understand social responsibility.



CUG is encouraging to actively participation of students in different activities under UBA. CUG- UBA is also involved in technology development and technology customization at village level societal uplift.

### Social activities and planning for village development

Group of faculty members and students visited selected villages and interacted with Village Sarpanch, Talati, School principals, students and other people to understand village ecosystem and different issues to find out scientific solution. Also discussed the developmental activities to be introduces in the village to facilitate with the help of University students and faculties.



*Village survey at Titoda; Meeting with Talati and interaction with school principle and students at Adraj moti village*

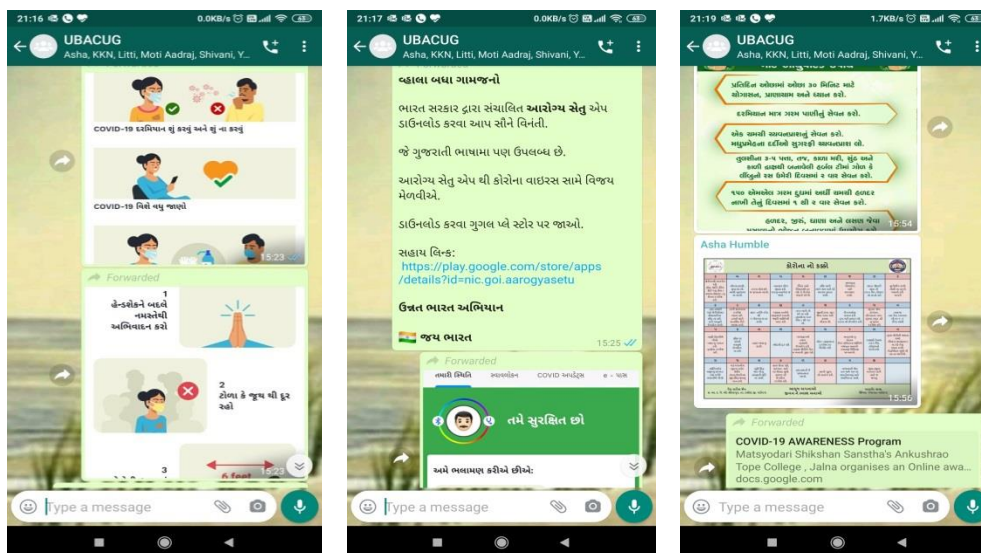
### Environmental awareness and technological implementation activities:

In continuation of the technology transfer from lab to land - Two projects got selected under two different categories for (i) Technology Demonstration projects & (ii) Technology Customization projects. Project implementation is in process.

### Activities done in the crisis hour of COVID19:

1. Creation of WhatsApp group (UBACUG) including Sarpanch, Talati, few senior people from the village, School Principal, University faculty and students.
2. All the information was shared with the group time to time to spread the awareness and to get benefitted in response to Covid - 19.
3. Interaction and discussion with Sarpanch and school principal was done to share the information how villagers are coping during the lockdown period and also different information related to Covid 19 about awareness, measures etc. Group members' shared in the group and Sarpanch forwarded the same among villagers.





Awareness levels in the village:

Village people are aware about the COVID-19 and taking necessary actions to prevent the COVID-19. The following measures have been taken by the villagers:

- Village people are very much aware about lockdown rules and they are following the same strictly. Intra movement is also restricted.
- Farming is as usual, they are doing with laborers (from the same village only) following social distancing strictly.
- Major part of the day's schedule of a villager is farming and livestock caring. These are given priority & importance. They believe that COVID-19 will not attack as they are working in sun for farming purposes

# Major Highlights

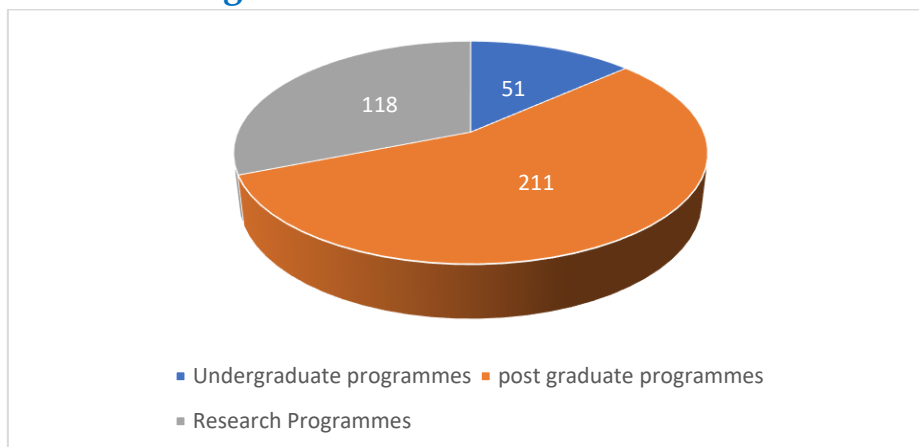
## Programmes offered by Central University of Gujarat

School	Sr. No	Programme	Stream
<b>UG Programmes</b>			
<b>School of Language, Literature and Culture Studies</b>	1	German Studies	B.A. (Hons.)
	2	Chinese	B.A. (Hons.)
<b>PG Programmes</b>			
<b>School of Social Sciences</b>	1	Economics	M.A.
	2	Sociology	M.A.
	3	Political Science	M.A.
	4	Social Work	M.A.
	5	Social Management	M.A.
<b>School of International Studies</b>	6	Politics and International Relations	M.A.
<b>School of Language, Literature and Culture Studies</b>	7	Hindi	M.A.
	8	English	M.A.
	9	Gujarati	M.A.
	10	Chinese	M.A.
	11	German Studies	M.A.
<b>School of Education</b>	12	M.Ed.	M.Ed.
<b>School of Library and Information Science</b>	13	Library and Information Sciences	M. Lib. I. Sc. (Two-year)
<b>Centre for Applied Chemistry</b>	14	Industrial Chemistry	M.Sc.
<b>School of Chemical Sciences</b>	15	Chemical Sciences	M.Sc.
<b>School of Life Sciences</b>	16	Life Sciences	M.Sc.

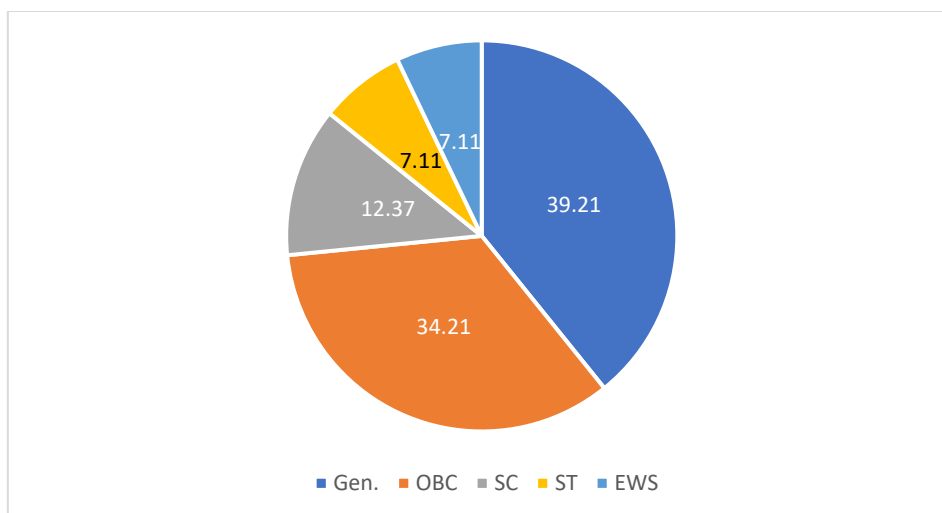
School of Environment and Sustainable Development	17	Environmental Sciences	M.Sc.
School of Nano Sciences	18	Nanotechnology	M.Sc.
<b>*M.PHIL. Programmes</b>			
School of Social Sciences	1	Economics	M.Phil.
	2	Studies in Science, Technology and Innovation Policy	M.Phil.
School of International Studies	3	International Politics	M.Phil.
School of National Security Studies	4	Security Studies	M.Phil.
Centre for Study of Diaspora	5	Diaspora Studies	M.Phil.
School of Language, Literature and Culture Studies	6	Comparative Literature	M.Phil.
	7	Hindi	M.Phil.
	8	English	M.Phil.
School of Chemical Sciences	9	Chemical Sciences	M.Phil.
School of Education	10	Education	M.Phil.
<b>*M.PHIL.-PH.D. INTEGRATED Programmes</b>			
School of Social Sciences	1	Gandhian Thought and Peace Studies	M.Phil.-Ph.D.
School of Nano Sciences	2	Nano Sciences	M.Phil.-Ph.D.
<b>*PH.D. Programmes</b>			
School of Social Sciences	1	Studies in Science, Technology and Innovation Policy	Ph.D.
	2	Economics	Ph.D.
	3	Social Management	Ph.D.
School of National Security Studies	4	Security Studies	Ph.D.

<b>School of Language, Literature and Culture Studies</b>	5	Hindi	Ph.D.
	6	Comparative Literature	Ph.D.
	7	English	Ph.D.
<b>School of Applied Material Science</b>	8	Applied Chemistry	Ph.D.
<b>School of Chemical Sciences</b>	9	Chemical Sciences	Ph.D.
<b>School of Life Sciences</b>	10	Life Sciences	Ph.D.
<b>School of Environment and Sustainable Development</b>	11	Environment and Sustainable Development	Ph.D.
<b>School of Library and Information Science</b>	12	Library and Information Sciences	Ph.D.
<b>School of Education</b>	13	Education	Ph.D.

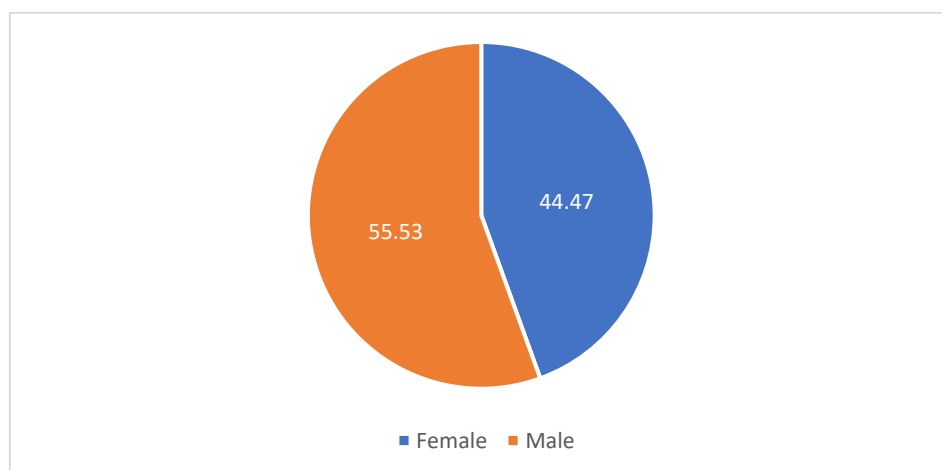
## Programmewise Admissions 2019-20



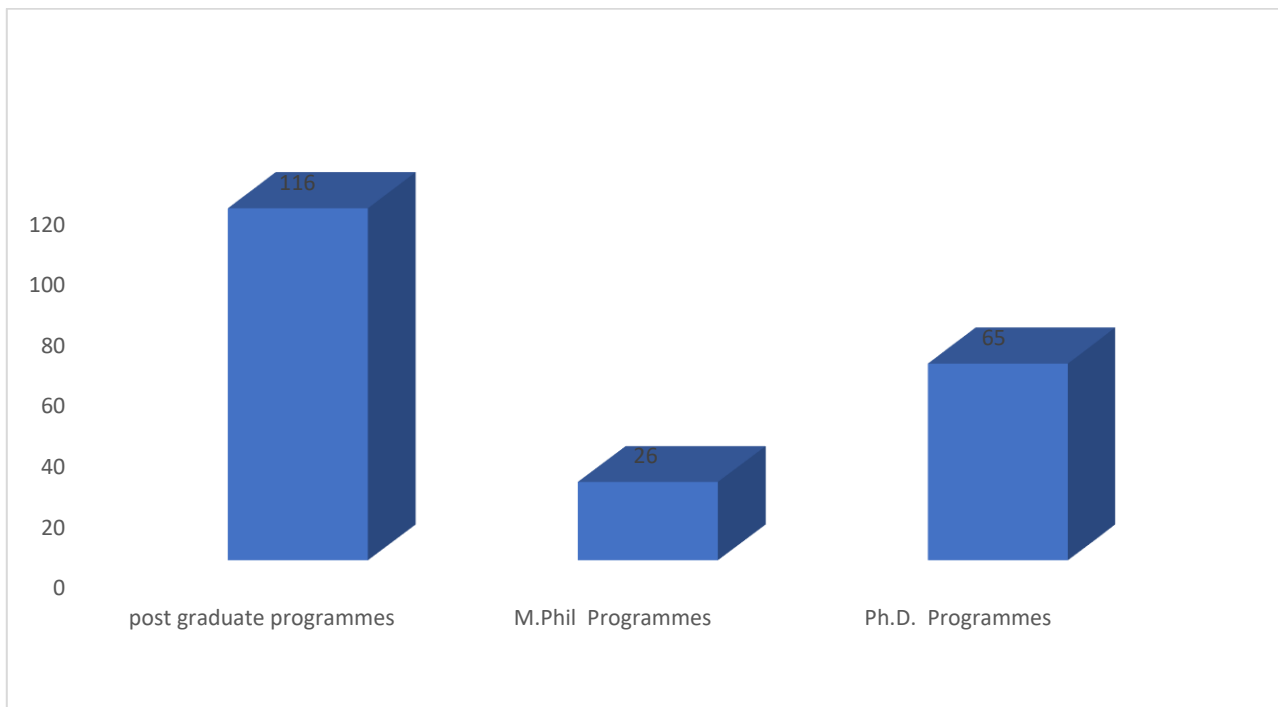
## Castewise distribution of students admitted during 2019-20 (%)



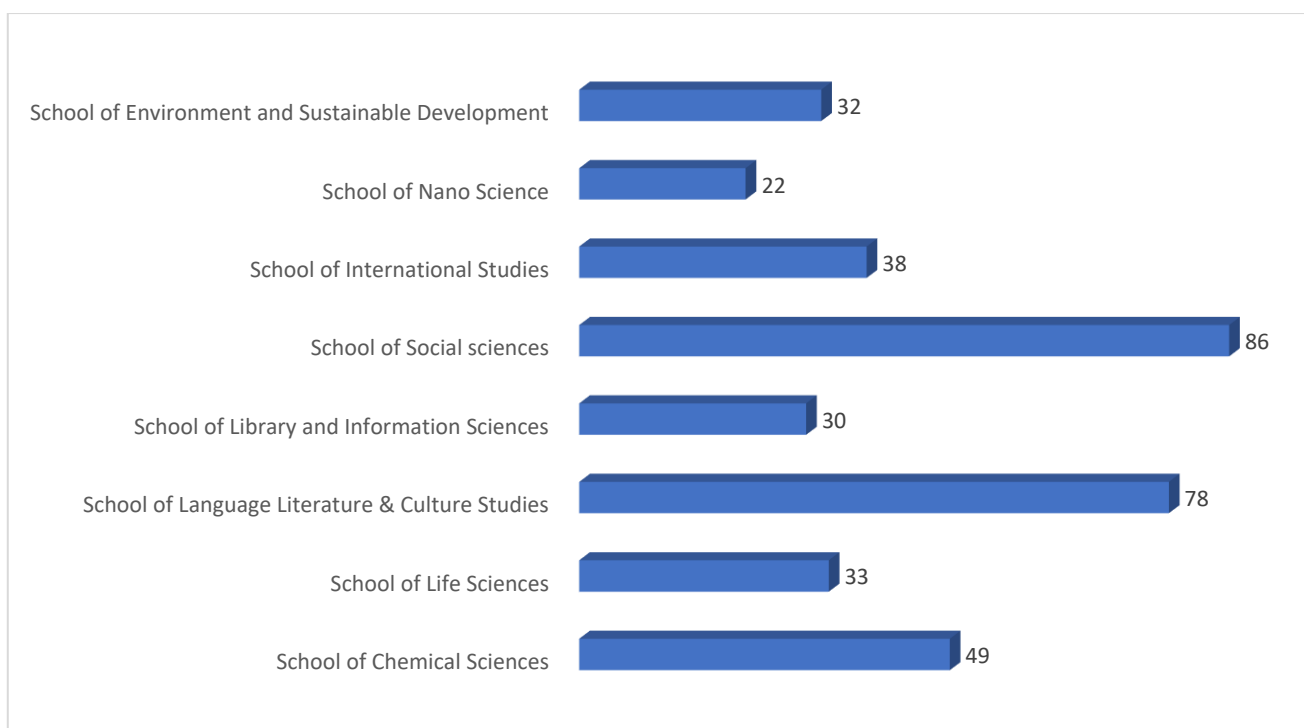
## Gender-wise Admission 2019-20 (%)



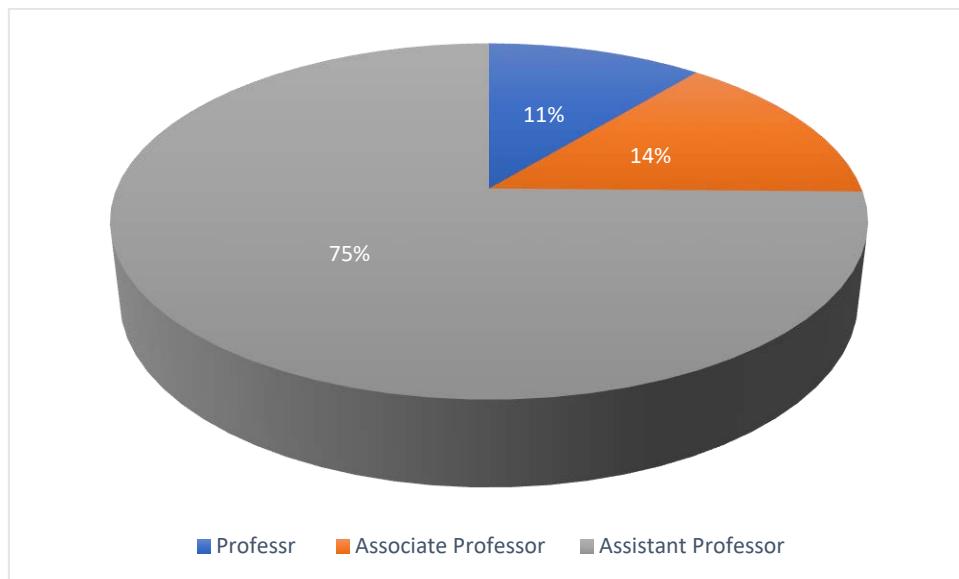
## Degrees awarded during 2nd Convocation of the University



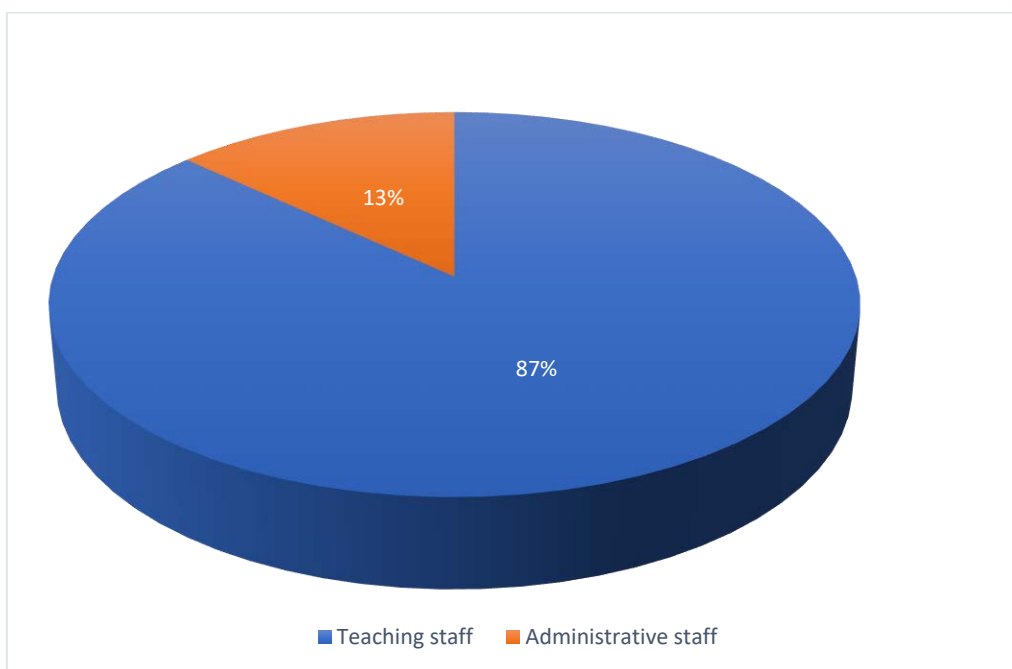
## School wise Degrees awarded during 2nd Convocation of the University



## Distribution of Teaching Staff by designation

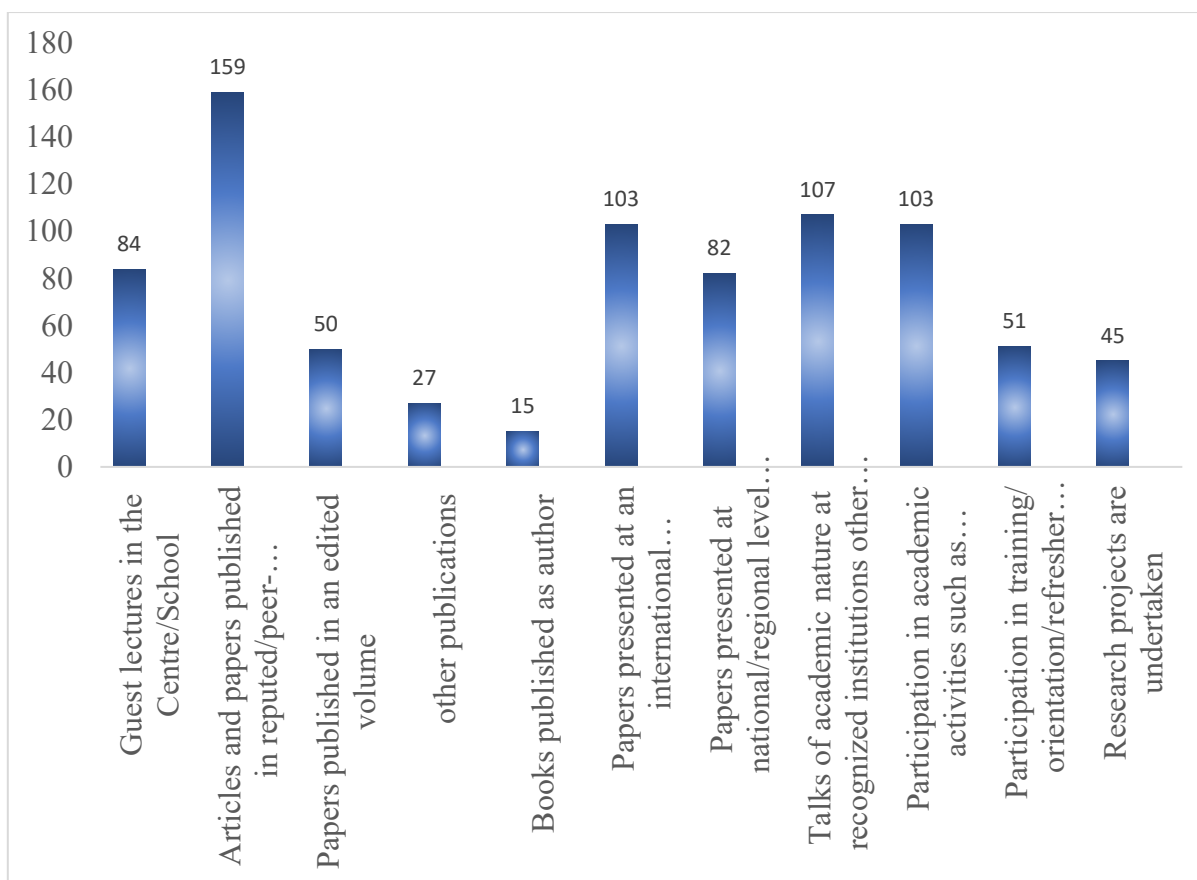


## Distribution of staff by type





## Academic activities undertaken by the faculty members



## Seminar/Conference etc. Organized in Central University of Gujarat

- Workshop on 'Emotional Intelligence for Teachers' on 3<sup>rd</sup> September 2019 under PMMMNMTT, School of Education.
- 'Green Audit for Community Sensitization' on 7<sup>th</sup> September 2019 under PMMMNMTT, School of Education.
- One day Awareness Program on 'Teacher Education as Reflected in National Education Policy-2019(Draft)' on 12<sup>th</sup> September 2019 under PMMMNMTT, School of Education.
- Three Days' National Workshop on 'Qualitative Research in Education' from 23<sup>rd</sup> to 25<sup>th</sup> September 2019 under PMMMNMTT, School of Education.
- International Conference to commemorate the 150th Birth Anniversary of M.K. Gandhi, themed as Gandhi, Conflict Resolution and Peace: Emerging Dynamics in Twenty-First Century, held from 30 September to 2 October 2019 organized by Centre for Studies in Gandhian thought and Peace Studies, School of Social Sciences sponsored by Indian Council of Social Science Research (ICSSR), New Delhi & Central University of Gujarat.
- Celebration of Constitution day by Central University of Gujarat on November 26, 2019.
- Five Days' (One Week) National Workshop on 'MOOCs Through SWAYAM' from 14<sup>th</sup> to 18<sup>th</sup> October 2019 under PMMMNMTT, School of Education.
- Two Days' National Conference on 'Action Research in School Education' from 21<sup>st</sup> to 22<sup>nd</sup> October 2019 under PMMMNMTT, School of Education.
- One Day National Symposium on 'Relevance of Educational thoughts of Pandit Madan Mohan Malaviya (PMMM) in India' on 7<sup>th</sup> February 2020 under PMMMNMTT, School of Education.
- National Seminar on 'Inclusion: Challenges and Possibilities'(CRE Accredited by RCI) on 28<sup>th</sup> to 29<sup>th</sup> February 2020 under PMMMNMTT, School of Education.
- World Environment Day 5<sup>th</sup> June 2019 organized by School of Environment and Sustainable Development.
- One day International seminar on Interfaith Dialogue, Communal Harmony and National Integration organized by School of International Studies on November 5, 2019.
- One day Round Table Discussion on India's Foreign policy: Emerging Prospects and Challenges organized by School of International Studies on January 27, 2020.

- Workshop on Media, Technology and Textuality organized by Centre for Comparative Literature and Translation School of Language, Literature and Culture Studies on February 20, 2020.
- School of Language, Literature and Culture Studies in collaboration with SNSS and SIS) seminar on Interfaith Dialogue, Communal Harmony and National Integration, 5<sup>th</sup>-6<sup>th</sup> November, 2019.
- National Seminar on Gandhi aur 1980 Ke baad ka Hindi- Gujarati Sahitya organized jointly by Sahitya Akademy, New Delhi and Centre for Hindi Studies, School of Language, Literature and Culture Studies during 10-11 May 2019.
- School of Library and Information Science inaugurated SLIS digital laboratory on March 11, 2020.
- School of Library and Information Science organised seminar on Archives, Libraries & Museums: Hubs of cultural preservation- Collaboration with Ministry of Culture, Nagaland on December 14, 2019.
- School of Library and Information Science organised Peer Review Week from September 16-20, 2019.
- School of Library and Information Science organised celebration of Librarians Day on August 20, 2019.
- School of Nano Science organized 5 day orientation course on lab safety measures during 19th August 2019 to 23rd August 2019.
- School of Nano Science organized **Science** Day on 28<sup>th</sup> February 2020.
- School of National security studies jointly with School of International Studies, School of Language Literature and Culture Studies in collaboration with National Foundation for Communal Harmony organized conference on Interfaith Dialogue, Communal Harmony and National Integration during November 5-6, 2019.
- School of National security studies organized One-day Seminar on War Gaming exercise on November 14, 2019.
- School of National security studies organized National Security Symposium on November 26, 2019.
- School of National security studies organized Workshop on ArcGIS by ESRI on February 15, 2020.
- School of National security studies organized Two Day Workshop on Maritime Journey of Contemporary Indian Security during February 26-27, 2020.
- School of National security studies organized One Week Training Workshop on Geographical Information System (GIS) and National Security during March 1-7, 2020.
- School of Social Sciences under Social work programme organised Academic Writing Workshop on May 10-15, 2019.

- School of Social Sciences under Social work programme organised workshop on Suicide Prevention on September 18, 2019.
- School of Social Sciences under Social work programme organised programme on Child Helpline 1098 on October 16, 2019.
- School of Social Sciences under Social work programme organised One Day Awareness Programme on Prevention from Drugs Abuse among Students in University on February 17, 2020.
- School of Social Sciences under Social work programme organised One Day Awareness Programme on Depression and Suicide Prevention on March 4, 2020.
- Centre for Diaspora studies organised International Conference on ‘Diaspora Governance in International Relation’ organized by Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar on 10-11 February 2020.
- 5 days’ workshop on Multidisciplinary approaches of environmental sciences from 2<sup>nd</sup> - 6th March 2020, organized by School of Environment and Sustainable Development, Central University of Gujarat

## Details of MoU of Central University of Gujarat

Sr. No.	MoU with	MoU Signed and period of MoU
1.	KTH Royal Institute of Technology, Sweden	2015-2020
2.	Uppsala University, Sweden	2015-2020
3.	University of Tasmania	2016-2021
4.	Beijing Foreign Studies University, China	2016-2021
5.	Jinan University, China	2016-2021
6.	National Council for Promotion of Sindhi Language	12.04.2016 onwards
7.	University of Florida	2017 2022
8.	IIT, Delhi	2018 onwards
9.	Institute for Defense Studies and Analysis (IDSA), New Delhi	2018-2020
10.	Bhaskaracharya Institute of Space Application & Geo-informatics (BISAG)	2018-2028
11.	Indian Council of World Affairs (ICWA), New Delhi	2019 - 2021
12.	Tri-Partite MOU Between (Central University of Gujarat, Ministry of Human Resource Development and University Grants Commission)	2019-2020
13.	Ministry of Human Resource Development (MHRD) for Implementation of Scheme Pandit Madam Mohan Malaviya National Mission on Teachers and Teaching	01.04.2019- Up to 31.03.2020
14.	University of Georgia, USA	2012 onwards for 5 Years
15.	McMaster University, Canada	2012 onwards for 5 Years
16.	Bharat rural livelihoods foundation (BRLF)	2015 onwards for 3 Years
17.	Gujarat Chamber of Commerce & Industry	2015 onwards for 1 Year
18.	Wayne State University, Detroit, USA	2012 for 3 Years

## Academic collaboration and MoUs signed during 2019-20

- School of Environment and Sustainable Development signed MoU with National Environmental Engineering Research (CSIR- NEERI), Nagpur, Maharashtra
- School of Environment and Sustainable Development has signed MoU G B Pant National Institute of Himalayan Environment and Sustainable Development) GBPNIHESD, Kosi Katarmal Almora, Uttarakhand
- School of Environment and Sustainable Development signed MoU Gujarat Council of Science and Technology, GUJCOST, Gujarat
- School of Environment and Sustainable Development signed MoU University of Florida, USA
- School of Environment and Sustainable Development signed MoU IIT Delhi - UBA MHRD
- MoU signed with the Indian Council of World Affairs (ICWA) , New Delhi an autonomous institute under the Ministry of External Affairs , Government of India and School of International Studies

# Schools and Centres

# School of Applied Material Science

## About the School

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 21<sup>st</sup> century. The purpose of this School 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. Our most significant contribution to science is to Design, Synthesise and Pharmacological Evaluation of Novel benzimidazoles and flavone derivatives as EGFR inhibitors are showing an excellent activity against Non-small cell lung cancer (NSCLC) and breast cancer. Our prime aim is to search for the anti-cancer small molecules, due to the Cancer is the second leading cause of death in the western world. Owing to the incredible upsurge in our understanding of the cancer process and cause, development of drugs to selectively restrict with and inhibit tumour growth has now entered a new and delightful era of the target orientated approach. Drugs are now being developed against specific proteins involved in cancer cell growth. Non-small cell lung cancer (NSCLC) and breast cancer are the leading cause of death related to cancer worldwide. Cytotoxic chemotherapy remains the mainstay of treatment for individuals with metastatic NSCLC based on the associated moderate improvement in survival and quality of life. The independent Centre became School of Applied Material Science during 2019-20.

## Faculty Profile

**Dr. Prakash C. Jha**, Associate Professor and Dean

Areas of interest: computational chemistry

**Dr. L. Raju Chowhan**, Asst. Professor

Areas of interest: Organic Chemistry

**Dr. Eeshwaraiah Begari**, Asst. Professor

Areas of interest: Organic Chemistry , Synthetic Organic Chemistry and Medicinal Chemistry



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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1	N. Satish Kumar, Sameer Reddy, Vema Reddy B, Saratchandra Babu M, L. Raju Chowhan, Chandrasekhara Rao L	Zinc oxide nanoparticle as an efficient catalyst for the synthesis of novel di-Spiroindolizidinebisoxindoles in aqueous medium	Environmental Chemistry Letters	2019, 17, 455–464
2	Kartikey Dhar Dwivedi, Marri Sameer Reddy, N Satish Kumar, Dr. L. Raju Chowhan	Facile Synthesis of 3-Hydroxy Oxindole by a Decarboxylative Aldol Reaction of $\beta$ -Ketoacid and Isatin in WERSA	Chemistry Select	2019, 4, 8602–8605
3	N Satish Kumar, P Ramesh, M Sameer Reddy, Dr. L. Raju Chowhan	Cu doped ZIF Catalyzed Synthesis of Propargyl Amines with Quaternary Carbon Center Under Solvent Free Conditions	Chemistry Select	2019, 4, 9045–9049
4	L. Raju Chowhan, Sadagopan Raghavan	Stereoselective Synthesis of C3-C17 and C18-C34 Subunits of Bullatanocin Utilizing $\alpha$ -Chloro Sulfide Intermediates	Tetrahedron Letters	2019, 60, 151132
5	L. Raju Chowhan, Vipin Singh, Shanta Raj Lakshmi	Stereoselective Synthesis of Hagen's Gland Lactone by Employing Vinylogous Mukaiyama Type Reaction	Chemistry Select	2019, 4, 13601–13603
6	Kartikey Dhar Dwivedi, Biplob Bora, L. Raju Chowhan	Ligand Free One-Pot Synthesis of Pyrano[2,3-c]pyrazoles in Water Extract of Banana Peel (WEB): A Green Chemistry Approach	Frontiers in Chemistry	2020, 7, 944
7	Shanta Raj Lakshmi, Vipin Singh, L. Raju Chowhan	Highly Efficient Catalyst-Free Domino Conjugate Addition, Decarboxylation and Esterification/Amidation of Coumarin Carboxylic Acid/Esters with Pyrazolones	RSC Advances	2020, 10, 13866–13871

8	L. Raju Chowhan, Sadagopan Raghavan	Stereoselective Synthesis towards (+)-trans-Kumausyne Employing Vinylogous Mukaiyama type reaction on an $\alpha$ -Chloro Sulfide	Indian Journal of Chemistry B.	2019, Accepted.
9	Manthan Panchal, Anita Kongor. Mohd Athar, Krunal Modi, Chirag Patel, Shuvankar Dey, Manoj Vora, Kinjal Bhadresha, Rakesh Rawal, P.C.Jha,V.K.Jain	Structural motifs of oxacalix[4]arene for molecular recognition of nitroaromatic explosives: Experimental and computational investigations of host-guest complexes	Journal of Molecular Liquids	2020,306, 112809
10	Jaykant Vora, Mohd Athar, Sonam Sinha, Prakash C. Jha and Neeta Shrivastava	Binding Insight of Anti-HIV Phytocompounds with Prime Targets of HIV: A Molecular Dynamics Simulation Analysis	HIV Research	2020,18(2),132
11	Pothini Suman, Mohsin Y. Lone, Sannapaneni Janardan, Prakash C. Jha*, Akella Sivaramakrishna*, and Hadley S. Clayton	Studies on Stability and Structural Aspects of Hydrazide Based Hypercoordinate Silicon(IV) Complexes	J. Co-ordination Chemistry	2020(Accepted)
12	Siddhiben Kediya, Anu Manhas, Prakash C. Jha	DFT/TD-DFT based study to decipher the proton transfer process in anion sensing mechanism of NTS molecule	Chemistry Select	2020(Accepted)
13	A Kongor, M Panchal, M Athar, K Bhatt, PC Jha, V Jain	Facile construction of calix [4] pyrrole-templated gold nanoparticles: computational insights and application for efficient reduction of 4-nitrophenol	Gold Bulletin	2019, 52 (3-4), 125
14	A Manhas, MY Lone, PC Jha,	Multicomplex-based pharmacophore modeling in conjunction with multi-target docking and molecular dynamics simulations for the identification of PfDHFR inhibitors	Journal of Biomolecular Structure and Dynamics	2019, 37 (16), 4181

15	S Sinha, S Patel, M Athar, J Vora, MT Chhabria, PC Jha, N Shrivastava	Structure-based identification of novel sirtuin inhibitors against triple negative breast cancer: An in silico and in vitro study	International journal of biological macromolecules	2019, 140(1), 454
16	T S Chitre, Shital M Patil, Anagha G Sujalegaonkar, Kalyani D Asgaonkar, Vijay M Khedkar, Dinesh R Garud, Jha P.C., Sharddha Y Gaikwad, Smita S Kulkarni, Amit Choudhari, Dhiman Sarkar	Non Nucleoside Reverse Transcriptase Inhibitors, Molecular Docking Studies and Antitubercular Activity of Thiazolidin-4-one Derivatives	Current computer-aided drug design	, 2019, 15 (5), 433
17	A Manhas, D Patel, MY Lone, Jha P.C..	Identification of natural compound inhibitors against PfDXR: A hybrid structure-based molecular modeling approach and molecular dynamics simulation studies	Journal of cellular biochemistry	2019, 120, 14531
18	A Manhas, S Dubey, Jha P.C.	A profound computational study to prioritize the natural compound inhibitors against the P. falciparum orotidine-5-monophosphate decarboxylase enzyme	Journal of Biomolecular Structure and Dynamics	2019, 1-18
19	M Athar, Jha P.C.	DFT study of guest-responsive cooperative effects: Inclusion complexation of alcohols with calix [4] pyrrole	Monatshefte für Chemie-Chemical Monthly	2019, 150 (7), 1205
20	A Manhas, MY Lone, Jha P.C.	In search of the representative pharmacophore hypotheses of the enzymatic proteome of Plasmodium falciparum: a multicomplex-based approach	Molecular diversity	2019, 23 (2), 453
21	J Vora, S Patel, M Athar, S Sinha, MT Chhabria, Jha P.C., N Shrivastava	Pharmacophore modeling, molecular docking and molecular dynamics simulation for	Journal of Biomolecular Structure and Dynamics	2019, 1-15

		screening and identifying anti-dengue phytochemicals		
22	C Sravani, MY Lone, Jha P.C. KI Sathiyarayanan, A Sivaramakrishna	Synthesis and photophysical studies on 2-styryl phenanthro [9, 10-d] oxazole derivatives	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2019, 210, 171-180
23	SK Patel, M Athar, Jha P.C., VM Khedkar, Y Jasrai, HA Pandya, L	Assessing the antimalarial potentials of phytochemicals: Virtual screening, molecular dynamics and in-vitro investigations	Letters in Drug Design & Discovery	2019, 16 (3), 291-300

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1	Dwivedi Kartikey Dhar, L. Raju Chowhan	Facile synthesis of 3-hydroxy oxindole by decarboxylative aldol reaction of $\beta$ -ketoacid and isatin in WERSA	50 <sup>th</sup> General Assembly & 47 <sup>th</sup> IUPAC World Chemistry Congress	Le Palais des Congrès of Paris, Paris, France	July, 5 – 12, 2019
2	Vipin Singh, Shanta Raj Lakshmi, L. Raju Chowhan	A Short and Improved Process for Stereoselective Synthesis of Hagen's Gland Lactones	7 th Asian Network for Natural & Unnatural Materials (ANNUM-VII)	Department of Chemistry, Gujarat University from	27- 29, September, 2019.
3	Shanta Raj Lakshmi, Vipin Singh, L. Raju Chowhan	One Pot three Component Synthesis of Pyrazole	7 th Asian Network for Natural & Unnatural Materials (ANNUM-VII)	Department of Chemistry, Gujarat University from	27- 29th September, 2019.

		Substituted Chalcone Derivatives In WERSA			
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#### Papers presented at national/regional level seminar/conference/workshop, etc.

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1	Alpa Dave and Eeshwaraiah Begari	Iron(III) Tosylate as a Green Catalyst for Conjugate Addition of Indoles to $\alpha,\beta$ -enones in water	One Day National Conference on Advances in Chemical Sciences and Technology for Environment and Sustainability (ACSTES-2020) Applied Chemistry Department SVNIT, Surat	Applied Chemistry Department SVNIT, Surat	27th February 2020

#### Participation in training/ orientation/refresher programme

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1	Dr. L. Raju Chowhan	Short-Term Course on Material Science and Application, conducted by UGC-HRDC, JNTU, Hyderabad	27th May to 01st June 2019.	participant

#### Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1	Eeshwaraiah Begari	"Total synthesis of Tetrahydroisoquinoline	DST-SERB- Govt of India	45,000,00	Ongoing

		Derived Bioactive Natural Products Jasisoquinoline-A and Schulzeine-A and Their Analogues"			
2	Eeshwaraiah Begari	Tuning the Regioselectivity of Butyrolactone towards 1,6-Conjugate addition of para-Quinone Methides to access Butyrolactone-derived diarylmethane scaffold"	UGC Start-up grant	10, 000,00	Ongoing

### Research student/s guided

Sr. no.	Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2019-20)
1	Dr. L. Raju Chowhan	Ph. D.	01

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

#### Dr. L. Raju Chowhan

- Member of 3<sup>rd</sup> Academic Council, CUG.
- Member of Board of Studies, School of Applied Material Science
- .Member of CASR, School of Applied Material Science
- Member of Anti Ragging Committee, CUG.
- Member of Experts Committee of Central Instrumentation Facility.
- In charge for NMR facility
- In charge for LCMS facility.
- In charge for P-XRD and SC-XRD facility.
- Member of Advisory Committee for Remedial English Programme.
- Member of Hindi Samiti.
- Assistant Information Officer.
- Member of Cell for Remedial Coaching for SC/ST/OBC and Minority.

- Member of Campus Development Committee for Sector 30 Campus.
- Member of Centre Level Purchase Committee.

**Dr. Eeshwaraiah Begari**

- Nodal Officer B.Voc Programme
- Member of Constitution of statutes and ordinance committee
- Member Canteen Committee.
- Member of Board of Studies, School of Applied Material Science
- Member of CASR, School of Applied Material Science

# School of Chemical Sciences

## About the School

The School of Chemical Sciences (SCS) is a unique centre for learning that fosters innovative scientific ideas through interdisciplinary and interacting teaching and research in frontal areas of the natural science disciplines. The School pursues research in applied and green chemistry, textile and polymer chemistry, petroleum products, supramolecules and macromolecules, kinetics and catalysis, physical organic chemistry, synthetic organic and inorganic chemistry, nanochemistry, and bioorganic chemistry. Students at the School undergo several levels of learning with more extensive and more in-depth exposure to virtually every aspect of the chemical sciences: theoretical, applied, instrumental, computational and experimental.

## Programmes offered by the School

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

## Guest lectures in the School

Sr. no.	Name of the lecture	Name of the speaker	Date
1.	"Conceptual Aspects of Distinctive 2-Oxo Based Electrophilic Reactions: Synthesis of Biologically Interested Heterocycles"	Dr. S. Battula, Ph.D. Assistant Professor Department of Chemistry, UKA Tarsadia University	29th Jan 2020
2.	Teachers' Day Celebration-2019	Prof. K.R. Desai, D.Sc. Director of Department of Chemistry, Ukatarsadia University	5th September 2019

## Faculty Profile

**Prof. Man Singh,** Dean & Professor,

Area of Interest: Dendrimer-lanthanides interactions, dendrimer-drug release systems, smart resins (MFP, MUF, MDUF), physicochemical properties of proteins-lanthanide nanoemulsion, Curcumin in O/W nanoemulsion with biocompatible surfactants for better curcumin intake, structural science of Ionic liquids, Functionalization of graphene, Supramolecular and coordination chemistry, Biodiesel.



**Dr. Dinesh Kumar**, Associate Professor

Area of Interest: Synthetic Inorganic Chemistry and Nanochemistry

**Dr. Dhananjay Mondal**, Assistant professor

Area of Interest: total synthesis of bioactive natural products, synthesis of bioactive organic nano-materials, a new methodology based biologically active molecules, Peptidomimetics/ionic liquids

**Dr. Dandamudi. V. Lenin**, Assistant professor

Area of Interest: Synthetic Organic Chemistry.

**Dr. Gururaja G. N.**, Assistant professor

Area of Interest: Synthetic Organic Chemistry.

**Dr. Panchami Prabhakaran**, Assistant Professor

Area of Interest: Organic and Bioorganic Chemistry

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1.	Parth Malik, Shrikant S Maktedar, Gopal Avashthi, Tapan K Mukherjee, Man Singh	Robust curcumin-mustard oil emulsions for pro to anti-oxidant modulation of graphene oxide	Arabian Journal of Chemistry	9th November 2019
2.	Gopal Avashthi, Shrikant S Maktedar, Man Singh	Sonochemically N-functionalized graphene oxide towards optically active photoluminescent bioscaffold	Ultrasonics Sonochemistry	Volume 58, November 2019, 104651
3.	Parth Malik, Gajender Kumar Inwati, Tapan Kumar Mukherjee, Sunita Singh, Man Singh	Green silver nanoparticle and Tween-20 modulated pro-oxidant to antioxidant curcumin transformation in aqueous CTAB stabilized peanut oil emulsions	Journal of Molecular Liquids	Volume 291, 1 October 2019, 111252
4.	Gopal Avashthi, Shrikant S Maktedar, Man Singh	Surface-Induced in Situ Sonothermodynamically Controlled Functionalized Graphene Oxide for in Vitro	ACS omega	September 25, 2019

		Cytotoxicity and Antioxidant Evaluations		
5.	Neha Kumawat, Man Singh	Trisurfactantomethylol melamines: Synthesis, structural characterization and physicochemical properties of aqueous systems	Journal of Molecular Liquids	Volume 290, 15 September 2019, 111234
6.	Rachna Gupta, Nilanjana Das, Man Singh	Fabrication and surface characterisation of c-ZnO loaded TTDMM dendrimer nanocomposites for biological applications	Applied Surface Science	Volume 484, 1 August 2019, Pages 781-796
7.	Kamna Goel, Smritilekha Bera, Man Singh, Dhananjay Mondal	Synthesis, Photophysical Properties, and Biological Importance of Pyrimidinium Ionic Liquids	Chemistry Select	18 June 2019
8.	KM Sachin, Sameer A Karpe, Man Singh, Ajaya Bhattarai	Study on surface properties of sodiumdodecyl sulfate and dodecyltrimethylammonium bromide mixed surfactants and their interaction with dyes	Heliyon	Volume 5, Issue 4, April 2019, e01510
9.	RK Ameta, Man Singh	Co (III) based surfactant complexes and their Dye, BSA and free radical activities	Heliyon	Volume 5, Issue 4, April 2019, e01568
10.	Vaishali Shukla, Bhargav Raval, Sachin Mishra, Man Singh	Chapter 13 - Role of Nanocomposites in Future Nanoelectronic Information Storage Devices	Nanoelectronics	2019, Pages 399-431
11.	KM Sachin, Man Singh	Hydrophobics of C <sub>n</sub> TAB in an aqueous DMSO–BSA nanoemulsion for the monodispersion of flavonoids	RSC advances	17th April 2019
12.	Nehra, S., Raghav, S., & Kumar, D.	Biomaterial functionalized cerium nanocomposite for removal of fluoride using central composite design optimization study	Environmental Pollution	2020,258

13.	Painuli, R., Joshi, P., & Kumar, D.	Aluminon functionalized silver nanoparticles for the colorimetric detection of aqueous Al(III).	Materials Chemistry and Physics	2020, 239
14.	Jain, P., Kumar, D., Chandra, S., & Mishra, N.	Experimental and theoretical studies of Mn(II) and Co(II) metal complexes of a tridentate Schiff's base ligand and their biological activities	Applied Organometallic Chemistry	November, 2019
15.	Nehra, S., Nair, M., & Kumar, D.	Hydrothermally Shape-Controlled Synthesis of TiO <sub>2</sub> /Graphene for Fluoride Adsorption Studies	Journal of Chemical & Engineering Data	2019, 64, (12)
16.	Nehra, S., Raghav, S., & Kumar, D.	Rod-shaped Ca-Zn@Chitin Composite for Fluoride Removal Studies by Adsorption and Statistical Experiments	Environmental Nanotechnology, Monitoring & Management	2019,12
17.	Raghav, S., Nair, M., & Kumar, D.	Tetragonal prism shaped Ni-Al bimetallic adsorbent for study of adsorptive removal of fluoride and role of ion- exchange	Applied Surface Science	2019,498
18.	Raghav, S., & Kumar, D.	Fabrication of aluminum and iron impregnated pectin biopolymeric material for effective utilization of fluoride adsorption studies	Groundwater for Sustainable Development	2019,9
19.	Raghav, S., Nehra, S., & Kumar, D.	Adsorptive removal studies of fluoride in aqueous system by bimetallic oxide incorporated in cellulose	Process Safety and Environmental Protection	2019,127
20.	Raghav, S., Nehra, S., & Kumar, D.	Biopolymer scaffold of pectin and alginate for the application of health hazardous fluoride removal studies by equilibrium adsorption, kinetics and thermodynamics	Journal of Molecular Liquids	2019,284
21.	Gupta, Shilpi, Smritilekha Bera, and Dhananjay Mondal.	"Nascent-HBr-Catalyzed Removal of Orthogonal Protecting Groups in Aqueous Surfactants."	Journal of Organic Chemistry	2020, 85 (4): 2635–45.
22.	Rathod, Reena V., Smritilekha Bera,	"Mechanochemical Synthesis of a Fluorescein-Based Sensor for the Selective Detection and Removal	ACS Omega,	2020, 5 (10): 4982–90

	Prasenjit Maity, and Dhananjay Mondal.	of $Hg^{2+}$ Ions in Industrial Effluents."		
23.	Verma, Naimish Kumar, Dhananjay Mondal, and Smritilekha Bera.	"Pharmacological and Cellular Significance of Triazole-Surrogated Compounds."	Current Organic Chemistry	2020, 23 (23): 2305–2572.
24.	Bera, Smritilekha, and Dhananjay Mondal.	"Natural Cyclic Peptides as Clinical and Future Therapeutics."	Current Organic Chemistry,	2019, 23 (1): 38–75
25.	Bera, Smritilekha, and Dhananjay Mondal.	"A Role for Ultrasound in the Fabrication of Carbohydrate-Supported Nanomaterials."	Journal of Ultrasound	2019, 22 (2): 131–56.
26.	Bera, Smritilekha, and Dhananjay Mondal.	"Insights of Synthetic Analogues of Anti-Leprosy Agents."	Bioorganic & Medicinal Chemistry	2019, 27 (13): 2689–2717.
27.	Goel, Kamna, Smritilekha Bera, Man Singh, and Dhananjay Mondal.	"Synthesis, Photophysical Properties, and Biological Importance of Pyrimidinium Ionic Liquids."	ChemistrySelect	2019, 4 (23): 6888–95.
28.	Desai, Shivang K., Smritilekha Bera, and Dhananjay Mondal.	"Multifaceted Synthesis, Properties and Applications of Polyurethanes and Its Composites."	Current Organic Chemistry	2019, 23 (4): 361–89.
29.	Kumar, Anil, Man Singh, Dhananjay Mondal, and Smritilekha Bera.	"Physical Properties and Light Energy Harvesting Efficiency of Silica Nanoparticles."	Journal of Nanoscience and Technology	2019, 5 (5): 822–26.
30.	Irene Arrata, Claire M Grison, Heather M Coubrough, Panchami Prabhakaran, Marc A Little, Darren C Tomlinson, Michael E Webb, Andrew J Wilson	Control of conformation in $\alpha$ -helix mimicking aromatic oligoamide foldamers through interactions between adjacent side-chains	Organic & biomolecular chemistry	2019, 17, 3861-3867.
31.	Valentina Corvaglia, Daniel Carbajo, Panchami Prabhakaran, Krzysztof Ziach, Pradeep Kumar Mandal, Victor Dos Santos, Carole	Carboxylate-functionalized foldamer inhibitors of HIV-1 integrase and Topoisomerase 1: artificial analogues of DNA mimic proteins	Nucleic acids research	2019, 47, 5511-5521

	Legeay, Rachel Vogel, Vincent Parissi, Philippe Pourquier, Ivan Huc,			
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### Papers published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1.	Tomar V., Dhillon A., Kumar D.	Challenges and Factors in Plastics Reutilization/Recycling: A Review	Handbook of Research on Environmental and Human Health Impacts of Plastic Pollution	2020, IGI Global, USA
2.	Sapna, Raghav, S., & Kumar, D.	Review Environmental Implications of Incineration of Municipal Solid Waste and Ash in Environmental Implications of Incineration of Municipal Solid Waste and Ash	Handbook of Research on Environmental and Human Health Impacts of Plastic Pollution	2020, IGI Global, USA
3.	Talreja N., Nair M., & Kumar D.	Early Diagnosis of Cancer using Nuclear Magnetic Resonance Spectroscopy: A Novel Diagnostic Approach	Applications of NMR Spectroscopy	04/2019, Bentham Science Publishers, UAE
4.	Mondal, Dhananjoy, and Smritilekha Bera.	"Nontoxic Ionic Liquids: Emerging Substitute for Classical Antimicrobial Materials"	"Encyclopedia of Ionic Liquids"	2019, pp. 1-40; edited by Prof. Suojiang Zhang, Springer, Singapore

### Books published as author

Sr. no.	Name/s of the author in the order they appear in publication	Title	Month/year of publication/ name of the publisher and place
01	Singh Man	Innovative Approach of Physicochemical Analysis	I.K. International Publishing House Pvt. Ltd., Delhi

### Other Publications (Magazines, Newspapers, web portals)

Sr. no.	Name/s of the author in the order they appear in publication	Title of the book	Month/year of publication/ name of the publisher and place
1	Krzysztof Ziach, Céline Chollet, Vincent Parissi, Panchami Prabhakaran, Mathieu Marchivie, Valentina Corvaglia, Partha Pratim Bose, Katta Laxmi-Reddy, Frédéric Godde, Jean-Marie Schmitter, Stéphane Chaignepain, Philippe Pourquier, Ivan Huc	Artificial molecules that mimic DNA	April 2019, Press release, CNRS, France

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/ conference/workshop	Organizing body and place	Date/s of the programme
1.	Kumar, D.	Visual Detection of Toxic Metal Ions	Environmental Pollution and Its Control	Govt Engineering College, Banswara	March 2-3, 2020
2.	Kumar, D.	Visual Detection of Aqueous Health Hazard Ions	Integrating Chemical, Biological and Pharmaceutical sciences for innovations in health care	26th ISCB International Conference (ISCBC-2020)	January 22-24, 2020
3.	Kumar, D.	Use of Advanced Materials for	Recent Trends in Chemical Sciences	Department of Chemistry, Pt.	November 14-16, 2019

		Purification of Water		Ravishankar Shukla University, Raipur	
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**Papers presented at national/regional level seminar/conference/workshop, etc.**

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Kumar, D.	Silver Nanoparticles for Colorimetric Aqueous Al(III) ions	Solid State Chemistry and Allied Areas	S. K. Porwal College of Arts, Science & Commerce, Kamptee, Nagpur	December 20-21, 2019

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1.	Kumar D.	Organometallic Chemistry	Department of Chemistry, Krantiguru Shyamji Krishna Verma Kachchh University, March 7-8, 2020	Expert
2.	Kumar D.	Electronic Spectroscopy	Department of Chemistry, HNGU, Patan, February 4, 2020	Expert
3.	Kumar D.	Microwave Spectroscopy	Chemistry, Shri U.P.Arts, Smt. M.G. Panchal Science & Shri V.L.Shah Commerce College, Pilvai, February 1, 2020	Invited Speaker
4.	Kumar D.	Atomic and Molecular Spectroscopy	Department of Chemistry, Shri U. P. Arts, Smt. M.G. Panchal Science & Shri V.L.Shah Commerce College, Pilvai, January 25, 2020.	Invited Speaker
5.	Kumar D.	Coordination Compounds: Bonding and Structural Aspects	52 <sup>nd</sup> FDP in Chemistry at KCG, January 20-26, 2020	Expert

6.	Kumar D.	Walsh diagram, bents rule and substitution reactions on square planar complexes	Department of Chemistry, Banasthali Vidyapith, Rajasthan, August 30-31, 2019	Invited Speaker
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**Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.)**

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1.	Kumar D.	Environmental Pollution and Its Control (EPIC-2020)	Environmental Pollution and Its Control (EPIC-2020) 2-3 March 2020	Session Chair

**Participation in training/ orientation/refresher programme**

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1.	Mondal, Dhananjay	Online Refresher Course in Chemistry for Higher Education, organised by MHRD, GOI. Feb 2020	6 months	participant
2.	Prabhakaran, Panchami	ARPIT Refresher course in chemistry	6 months	participant

**Research projects undertaken**

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1.	Prof. Man Singh	Development of graphene-based advanced functional	UGC-DAE CSR, Indore	10 lakhs	Ongoing



		electrocatalysts for energy applications			
2.	Dr. Dhananjoy Mondal	Carbohydrate-based Organic nanoparticles: Preparation, characterization and applications in chemistry and biology	CUG	01 lakh	completed
3.	Dr. Dhananjoy Mondal	Asymmetric Synthesis of Small Molecule Inhibitors of Caspase-1: (–)-Berkeleyamide A and its Analogues	UGC	10 lakhs	Ongoing
4.	Dandamudi, V. Lenin	Development Of Novel Methodologies For The Synthesis Of Heterocyclic Molecules Using Baylis-Hillman Adducts	UGC-BSR	10 lakhs	ongoing
5.	Dandamudi, V. Lenin	Synthesis Of Heterocyclic And Carbocyclic Molecules Using Baylis-Hillman Adducts	CUG PILOT PROJECT	1 lakh	completed
6.	Dr. Gururaja G. N	Conformation control via Fluorine ammonium ion gauche effect: exploration of asymmetric synthesis	SERB	54 lakhs	Ongoing
7.	Dr. Gururaja G. N	Enantioselective fluorination and domino cyclisation reaction	CSIR	29 lakhs	Ongoing
8.	Panchami, Prabhakaran	Synthetic oligomers as inhibitors DNA-Protein interactions: Towards anticancer therapeutics	DST-SERB	43.37 lakhs	Ongoing
9.	Panchami, Prabhakaran	Synthetic oligomers as biomimetic molecules	UGC-BSR	10 lakhs	ongoing

10.	Panchami, Prabhakaran	Oligomers as proteomimetics	CUG	1 lakh	completed
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#### Research student/s guided

Sr. no.	Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2019-20)
1.	Singh Man	Ph.D.	02
2.	Kumar, D.	Ph.D.	02
3.	Mondal Dhananjay	Ph.D.	02

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

##### Prof. Man Singh, Dean

- Member of the committee for Research and Innovation for Central Universities
- Member of the academic council
- Liaison Officer of OBC Cell, CUG
- Chairperson of ARC committee-2019-20, CUG
- 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

##### Dr. Dinesh Kumar, Associate Professor

- Member of admission committee of CUG
- Member of committee of Technical Specification Evaluation of Equipment

## School of Education

The School of Education offers academic programmes in education as an area of knowledge and field of professional practice. The School prepares scholarly teachers to be engaged in educational discourses and knowledge generation. It also provides avenues for professional development of teachers, teacher educators and other educational functionaries. It prepares reflective teacher educators for performing various roles in schools, nonprofit organisations, government agencies and in-service education of prospective and practicing teachers through teaching and learning, research, extension, consultancy, publication and community services. The School of Education endeavours to strengthen the holistic vision for teacher education.

Department of Higher Education, Ministry of Human Resource Development, Government of India approved the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) and under the scheme, School of Education has two centres;

- **Centre for Policy Research in Education**
- **Centre for Professional Development of Teacher Educators**

### The School offers the following programmes:

- Master of Education (M.Ed.)
- M.Phil. . in Education
- Ph.D. in Education,

### Guest Lectures organised

Sr. no.	Name of the lecture	Name of the speaker	Date
1	Research and Academic Integrity	Prof. Sanjay Sonewane	September 3, 2019
2	Statistical Analysis through SPSS	Dr. Prashant Ambasana	November 9, 2019

13-Minor Research Projects have been sanctioned to faculty members and policy makers of the HEIs.

### Faculty Profile:

**Prof. (Dr.) H. B. Patel**, Professor and Dean, School of Education

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

**Dr. Jayendrakumar N. Amin**, Associate Professor

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

**Dr. Gavisiddappa R. Angadi**, Associate Professor

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

**Dr. Y. Vijaya Lakshmi**, Assistant Professor

Areas of Interest: Teacher Education, ICT in Education and Elementary Education.

**Dr. Shankar Lal Bika**, Assistant Professor

Areas of Interest: Special and Inclusive Education, Technology and Disability and Educational Psychology.

**Dr. Shamim Aara Hussain**, Assistant Professor

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

**Dr. Shilpa S. Popat**, Assistant Professor

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

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1	Angadi, G. R.	Teachers Professional Development through Action Research	International Journal of Research in Social Sciences	9(5), 2019
2	Holagundi, B. B. and Angadi, G. R.	Equality in Vachanas of Basavanna	International Journal of Kannada Research	5(3), 2019
3	Y. Vijaya Lakshmi	Samagra Shiksha Abhiyan –Role And Responsibility of SCERT's and DIET's	Research and Reflections on Education	Vol., 17 (3), Jul-Sep, 2019

4	Y. Vijaya Lakshmi	Classroom assessment techniques to improve teaching learning	Maharshi Dayanand University Research Journal	Vol 18(2), 2019
5	Y. Vijaya Lakshmi, Jaishree Das and Ishfaq Majid	Assessment of E-learning Readiness of Academic Staff and Students of Higher Education Institutions in Gujarat, India	Indian Journal of Educational Technology	Vol., 2 (1), January 2020

### Papers published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1	Y. Vijaya Lakshmi	Formative Assessment: Classroom Assessment Techniques	Modern Teaching of ICT and Climate Change	2019, Rigi Publication, Punjab
2	Sharma, Namrata and Gupta, Bhumesk Kumar and Hussain, Shamim Aara	An analytical study of Science Textbooks developed by NCERT for the class VI to VIII with reference to the environmental Education related content	Modern Teaching of ICT and Climate Change	Year-2019, RIGI Publication, Krishna Nagar Khanna, Punjab

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/ conference/workshop	Organizing body and place	Date/s of the programme
1	Ishfaq Majid and Y. Vijaya Lakshmi	Impact of Usage of Social Networking Sites on Anxiety, Depression & Stress of Post Graduate Students	Media, Culture and Development: Issues and Perspectives	BAOU, Ahmedabad	7 <sup>th</sup> -8 <sup>th</sup> February, 2020

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

<b>Sr. no.</b>	<b>Name/s of the author in the order they appear</b>	<b>Title of the paper</b>	<b>Theme of the seminar/ conference/ workshop</b>	<b>Organizing body and place</b>	<b>Date/s of the programme</b>
1	Holagundi, B. B. and Angadi, G. R.	Educational Values in Basavanas Vachanas for Quality Education (in Kannada)	National Seminar on 'Challenges of Teacher Education Institutions in Improving Quality in the Present Context'	JP College of Education, Gadag(KA)	24 <sup>th</sup> Aug. 2019
2	Holagundi, B. B. and Angadi, G. R.	Work Principle Concept in Basavanas Vachanas (in Kannada)	National Seminar on 'Response of the Humanities to the Present Context'	Kateel Ashok Pai Memorial Institute and MCCS Shivamogga(KA)	7 <sup>th</sup> Sept. 2019
3	Holagundi, B. B. and Angadi, G. R.	Educational Thoughts in Basavanas Vachanas (in Kannada)	National Seminar on 'Challenges of Quality Teacher Education in the Present Scenario'	MM College of Education, Davangere(KA)	30 <sup>th</sup> Sept. 2019
4	Angadi, G. R.	Action Research	Action Research: Planning and implementation	KUATA, MLMN – CTE(IQAC), Chikkamagaluru (KA)	21 <sup>st</sup> Dec.2019
5	Angadi, G. R.	Learning Approaches	New Approaches to Teaching and Learning for 21 <sup>st</sup> Century Teachers	SVVS, Kumadvathi College of Education, Shikaripura (KA)	29 to 30 June 2019
6	Y.Vijaya Lakshmi	Social and Emotional Learning	Early Childhood Care and Development	Children's University, Gandhinagar	22 <sup>nd</sup> - 23 <sup>rd</sup> , November, 2019

7	Y.Vijaya Lakshmi and Dr.Mili Singh	English Teachers' Classroom Practices	Action Research in School Education	CUG, Gandhinagar	21-22, October, 2019
8	Hussain, Shamim Aara	Mahatma Gandhi ke Bhasha Sambsndhi vichar evam Sujhaw: Ek vishleshnatmak adhayyan (Hindi)	National Conference on Implications of Gandhian Thoughts for School Curriculum	Regional Institute of Education (RIE), Bhopal	30 <sup>th</sup> and 31 <sup>st</sup> January, 2020
9	Hussain, Shamim Aara	Role Playing Model of Teaching: An effective teaching technique for developing children that can open problem areas to the inquiry and help them to solve the problem	National Seminar on Early Childhood Care and Development	Children's University, Gandhinagar	22 <sup>nd</sup> -23 <sup>rd</sup> November, 2019

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1	Amin Jayendrakumar Nathalal	5E Model of Teaching-Constructivist Approach	HNG University Talk 14/02/2020	Invited Speaker
2	Angadi, G. R.	An Innovative Intervention for Teaching-Learning	Invited Lecture On 9 <sup>th</sup> Sept.2019	Invited Speaker

3	Angadi, G. R.	Empirical Research: Concept, Need and Importance	Ph.D. Course work, Invited Lecture(IITE) On 1 <sup>st</sup> Dec.2019	Resource person
4	Hussain, Shamim Aara	Communication	Remedial Class for NET, 29/11/2019	Expert

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

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1	Amin Jayendrakumar Nathalal	Round table discussion on 'Draft NEP 2019' at Children University Gandhinagar	Round table discussion on 'Draft NEP 2019' 18 <sup>th</sup> July 2019	Expert
2	Amin Jayendrakumar Nathalal	Invited lecture on 'Research and Academic integrity' under PMMMNMTT	Invited lecture on 'Research and Academic integrity' under PMMMNMTT 3 <sup>rd</sup> September 2019	Programme convener
3	Amin Jayendrakumar Nathalal	Workshop on 'Emotional Intelligence for Teacher' under PMMMNMTT	Workshop on 'Emotional Intelligence for Teacher' under PMMMNMTT 3 <sup>rd</sup> September 2019	Programme convener
4	Amin Jayendrakumar Nathalal	Green Audit Rally for community sensitization	Green Audit Rally for community sensitization 7 <sup>th</sup> September 2019	Organizing committee member and participation



5	Amin Jayendrakumar Nathalal	National workshop on Qualitative Research in Education	National workshop on Qualitative Research in Education 23 <sup>rd</sup> to 25 <sup>th</sup> sept. 2019	Organizing committee member and participation
6	Amin Jayendrakumar Nathalal	National Level Workshop on MOOCs through SWAYAM under PMMMNMTT	National Level Workshop on MOOCs through SWAYAM under PMMMNMTT on 14th-18th Oct. 2019	Co-convenor
7	Amin Jayendrakumar Nathalal	Two days National conference on Action research in school education under PMMMNMTT	Chaired session 21 <sup>st</sup> -22 <sup>nd</sup> Oct 2019	Chaired session
8	Angadi, G. R.	Workshop on Innovations and Good Practices in Institutional Governance of Higher Education	Workshop(NIEPA) on 19 <sup>th</sup> -21 <sup>st</sup> August 2019	participant
9	Angadi, G. R.	National workshop on Qualitative Research in Education	National workshop 23 <sup>rd</sup> to 25 <sup>th</sup> September, 2019	Organizing committee member
10	Angadi, G. R.	National Workshop on MOOCs through SWAYAM	14 <sup>th</sup> -18 <sup>th</sup> , October 2019	Convener
11	Angadi, G. R.	National Conference on Action Research in School Education	National Conference on 21-22, October 2019	Organizing committee member
12	Angadi, G. R.	National Symposium on Relevance of Educational Thoughts of Pandit Madan Mohan Malviya in Indian Context	National Symposium under PMMMNMTT 07 <sup>th</sup> February, 2020	Convener and Chairperson in Round table discussion.
13	Angadi, G. R.	Inclusive Education	National Symposium under PMMMNMTT 07 <sup>th</sup> February, 2020	Organizing committee member & Plenary session Chairperson

14	Y. Vijaya Lakshmi	National Conference on Action Research in School Education	21-22, October 2019	Convener
15	Y. Vijaya Lakshmi	Teaching Skills competition organized by IITE	4/10/2-10	Judge
16	Hussain, Shamim Aara	National Seminar on Inclusion: Challenges and Possibilities	National Seminar on Inclusion: Challenges and Possibilities 28 <sup>th</sup> and 29 <sup>th</sup> February, 2020	Organizer
17	Hussain, Shamim Aara	International Conference on Diaspora Governance in International Relations: Opportunities and Challenges for India	International Conference on Diaspora Governance in International Relations: Opportunities and Challenges for India. 10 <sup>th</sup> and 11 <sup>th</sup> February, 2020	Member of Organizing Team
18	Hussain, Shamim Aara	National Symposium on Relevance of Educational Thoughts of Pandit Madan Mohan Malviya in Indian Context	National Symposium on Relevance of Educational Thoughts of Pandit Madan Mohan Malviya in Indian Context 07 <sup>th</sup> February, 2020	Participant and Chairperson of a Round Table discussion.
19	Hussain, Shamim Aara	National Conference on Action research in School Education	National Conference on Action research in School Education 21 <sup>st</sup> and 22 <sup>nd</sup> , October, 2019	Member of Organizing Team and Chairperson of a technical session

20	Hussain, Shamim Aara	National workshop on MOOCs through SWAYAM	National workshop on MOOCs through SWAYAM 14 <sup>th</sup> to 18 <sup>th</sup> October ,2019	Participant
21	Hussain, Shamim Aara	National workshop on Qualitative Research in Education	National workshop on Qualitative Research in Education 23 <sup>rd</sup> to 25 <sup>th</sup> September,2019	Participant
22	Hussain, Shamim Aara	Community Sensitisation Programme on “Teacher Education as Reflected in NEP-2019 (Draft)”	Community Sensitisation Programme on “Teacher Education as Reflected in NEP-2019 (Draft)” 12 <sup>th</sup> September,2019	Organizre
23	Hussain, Shamim Aara	Green Audit Rally for Community Sensitization	Green Audit Rally for Community Sensitization  07 <sup>th</sup> September, 2019	Member of organizing committee
24	Hussain, Shamim Aara	Workshop on Emotional Intelligence for Teachers	Workshop on Emotional Intelligence for Teachers 3 <sup>rd</sup> September,2019	Participant
25	Hussain, Shamim Aara	Invited Lecture on Research and Academic Integrity	Invited Lecture on Research and Academic Integrity 3 <sup>rd</sup> September,2019	Participant

## Participation in training/ orientation/refresher programme

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1	Amin Jayendrakumar N.	National Workshop on Academic Integrity, Research Ethics & Prevention of Plagiarism	One Day	Actively Participated
2	Amin Jayendrakumar N.	National Symposium on 'Relevance of Educational Thoughts of PMMM in Indian Context'	One Day	Actively Participated
3	Amin Jayendrakumar N.	Training Programme on 'Peace and Performance through Deeper Body Mind Connect'	Two Days	Actively Participated
4	Angadi, G. R.	MOOC's through SWAYAM	5 days	Convener & Participant
5	Y. Vijaya Lakshmi	MOOC's through SWAYAM	5 days	Participated
6	Y. Vijaya Lakshmi	Qualitative Research in Education	3 days	Participated
7	Y. Vijaya Lakshmi	Pedagogical Innovations and Research Methodology	40 weeks	Cleared the ARPIT exam 2019-20
8	Y. Vijaya Lakshmi	Concerns In Educational Research And Assessment	40 weeks	Cleared the ARPIT exam 2019-20
9	Hussain, Shamim Aara	Orientation Programme	21 days	Participant

## Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1	Angadi, G. R.	Higher Education Faculty Perceptions and Attitude towards Professional Development	PMNMNMTT, SE, CUG.	Rs. 1,89,000/-	Ongoing

		Programmes Offered and Needed			
2	Y. Vijaya Lakshmi	An assessment of the eLearning Readiness of Faculty members of Higher Education Institutions	PMMMNMST, SE, CUG.	Rs. 1,75,000/-	Completed

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

Sr. no.	Name	Details of the award/prize, etc. with date
1	Angadi, G. R.	Adarsh Vidya Saraswathi Rashtriya Puraskar (2019)

#### Research student/s guided

Sr. no.	Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2019-20)
1.	Amin, J. N.	Ph.D.	1
2.	Angadi, G. R.	M. Phil	1
3.	Y.Vijaya Lakshmi	Ph.D.	1
4.	Hussain, Shamim Aara	Ph.D.	1
5.	Popat, S. S.	Ph.D.	1

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

##### Amin, J. N.

- Rendered service as a visiting team member in NCTE inspection of TEI.
- Extended service as the application scrutiny member for teaching and non-teaching posts and as a subject expert in an interview process of Children University, Gandhinagar.
- Extended service as a subject expert for the evaluation process of progress report presented by all Ph.D. scholars of education faculty at SP University, Vallabh Vidyanagar.
- Extended service as an external referee for the evaluation of Ph.D. work for university of Mumbai, Gujarat University and Gujarat Vidyapeeth, Ahmedabad.

**Angadi, G.R.**

- NCTE, VT Member
- International Accreditation Organisation (IAO), Indian Chapter Member
- Member, Board of Studies (Education) Central University of Tamil Nadu.
- Member, Board of Studies (Ad-hoc BOS) Dept. of Education and Training, Central University of Karnataka.
- Member, B.Ed. Admission counseling committee (AY 2019-20) in Dept. of Education and Training, Central University of Karnataka.
- Member, BoS (B.Ed.) Akkamahadevi Karnataka State Women University, Vijayapura.
- External referee and examiner for the evaluation of Ph.D. thesis for Kuvempu University (Shivamogga), Mysore University, Mangalore University, Bharatidasan University, Gulbarga University, Davangere University & Karnataka Folklore University.

**Y. Vijaya Lakshmi**

- Organized educational visits for Ph. D research scholars.

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

**Prof. H.B. Patel**

- NCTE, VT Member.
- As the member of scrutiny committee for teaching and non-teaching posts and as a subject expert in an interview process of IITE, Gandhinagar.
- As the member of scrutiny committee for teaching posts of Children University, Gandhinagar.
- As the member in an interview committee of Gujarat University, Ahmedabad.
- As the member of scrutiny committee for teaching and non-teaching posts and as a subject expert in an interview committee of BAO University, Ahmedabad.
- Member of B.Ed. Admission Committee, BAO University, Ahmedabad
- Member of the Executive Council, IITE, Gandhinagar.
- Member of the Academic Council, IITE, Gandhinagar.
- Member of the Finance Committee, IITE, Gandhinagar.
- Member of the Board of Sports, IITE, Gandhinagar.
- Member of the Board of Studies, IITE, Gandhinagar.
- Member of the Research Council, IITE, Gandhinagar.
- Member of the Exam Center Fixation Committee, NIOS, Gandhinagar.
- Member of the TOC, NIOS, Gandhinagar.
- Ph.D. Guideship Evaluator, HNG University, Patan
- Extended service as an examiner of Ph.D. course work at IITE, Gandhinagar.
- Expert Member, CAS, Central University of Kerala
- External referee for the evaluation of Ph.D. work for HNG University, Kutch University, Punjab University, MS University of Baroda and Rai University.
- Member, School Board, School of Education, Mahatma Gandhi Central University of Bihar

**Amin, J. N.**

- Estate officer
- HoD, Reservation Cell
- Liaison Officer, SC/ST
- Chairperson, Centre for Studies and Research in Education
- Nodal Officer for receiving online grievances related to caste and category based discrimination.
- Member of fourth academic council
- Member, School Board, School of Education
- Member, CASR, School of Education
- Member, Diary and calendar procurement committee
- Member, CUG local purchase committee
- Member, Local purchase committee of School of Education
- Scrutiny committee member for project proposal Under PMMNMTT, School of Education

**Angadi, G.R.**

- PMMMNMTT, Project Coordinator
- Member, fourth Academic Council
- Member, School Level Purchase Committee
- Member, CASR, School of Education
- Member, Annual Report(2018-19) Committee CUG
- Member, Internal Committee for PwDs
- Member Secretary, Ex Officio- Scrutiny Committee for Scrutinizing the Project Proposal Received under PMMMNMTT Scheme, School of Education, CUG.
- Special Invitee (in 2<sup>nd</sup> Meeting), Project Planning and Implementation Committee (PPIC), under PMMMNMTT), School of Education.
- Member Secretary, In-House Monitoring Committee under PMMMNMTT scheme in School of Education.
- Member, Food committee in CUG 2<sup>nd</sup> Convocation

**Y. Vijaya Lakshmi**

- Committee for the International women's day 2020
- Member of local purchase committee of university
- Member of PRO committee for 2nd convocation

# School of Environment and Sustainable Development

*(Nurturing Science and Innovation for Conservation of Environment)*

The man-environment relationship indicates that pollution and deterioration of the environment have a social origin. Environmental pollution has become a major global concern. In recent time, one of the major issues is the threat to human life from the progressive deterioration of the environment. Global society is facing the challenges of conserving the natural resources and maintaining the ecological balance. Industrial development, urban expansion, modern agricultural practices and conventional energy generation to fulfil the human desire and need has resulted in indiscriminate exploitation of natural resources. Overexploitation of natural resources has disturbed the ecological balance on which the quality of our environment depends. Today we have environmental problems such as acid rain, ozone depletion, global warming, climate change, effects of pesticides and fertilizer, solid waste, hazardous waste- Treatment & disposal. Roots of these problems are a lack of adequate awareness, knowledge, understanding of our environment and technological advancement. Sustainable development emphasizes the judicious use of natural resources and employing eco-friendly technology for production, processing, and operation in industries and making societies aware of environmental development and management. The School vision is to impart Environmental Education and Develop Innovative technology for Environmental Sustainability with focusing on Technology Transfer from lab to land to benefit the society.

## Programmes offered

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

## Guest lectures in the School

Sr. no.	Name of the lecture	Name of the speaker	Date
1.	Climate change	Mr. Shwetal Shah Department of Climate Change Govt. of Gujarat	22.10.2019
2.	Salient features of forest cover in Gujarat	Mr. Kamboj Indian Forest Service Gujarat Forest Department	10.02.2020
3.	Coastal and marine ecology in Gujarat : an overview	Mr. Kamboj Indian Forest Service Gujarat Forest Department	10.02.2020



## Faculty Profile

**Dr. Bhawana Pathak**, Associate Professor and Dean

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

**Dr. R. Y. Hiranmai**, Associate Professor

Area of Interest: quality monitoring, Organic farming, Vermi- technology, Solid Waste management

**Dr. Rajesh Singh**, Assistant Professor

Area of Interest: Bio-electrochemical wastewater treatment, Pollution monitoring

**Dr. Paulami Sahu**, Assistant Professor

Area of Interest: Hydrogeology, Groundwater pollution, Groundwater Management, Remote Sensing and GIS.

**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, Physiology of Biofuel Production and sustainable agriculture.

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1.	Samreen Heena Khan and Bhawana Pathak	ZnO based Photocatalytic Degradation of Persistent Pesticides: A Comprehensive Review.	Environmental Nanotechnology, Monitoring & Management	Feb 2020
2.	Devi, V., Fulekar, M.H., Pathak, B.	Public Perception on Climate Change and Its Impacts on Various Aspects: A Case Study of Great Himalayan National Park (India).	Indian Journal of Ecology	Sep 2019 46 (3)

3.	Krishna Rawat, Bhawana Pathak and M.H. Fulekar	Heavy Metal Accumulation by Plant Species at Fly-Ash Dumpsites: Thermal Power Plant, Gandhinagar, Gujarat	International Journal of Plant and Environment	April 2019 Volume 5 Issue 2
4.	Singh Snigdha and Yadav Hiranmai R.	Heavy metal contamination and pollution Indices in Roadside soils of Ahmedabad, Gujarat	International Journal of scientific research and reviews	April-June 2019, 8(2)
5.	Kalp Bhusan Prajapati, Rajesh Singh.	Bio-electrochemically hydrogen and methane production from co- digestion of wastes	Energy	2020 198 117259
6.	Manoj Kumar, Rajesh Singh.	Sewage water treatment with energy recovery using Constructed Wetland integrated with Bio electrochemical System.	Environ Sci.: Water Res. Technol	2020, 6, 795–808
7.	Kalp Bhusan Prajapati, Rajesh Singh	Enhancement of biogas production in bio-electrochemical digester from agricultural waste mixed with wastewater	Renewable Energy	2020 146 460- 468
8.	Yattoo Saleem Ahmad, Sahu Paulami, Kalubarme Manik H.	Sustainable approaches for urban sprawl management of Ahmedabad City, Gujarat, India.	International Journal of Advance & Innovative Research.	(April - June 2019). Vol. 6 (2) 130-141
9.	Singh R., Singh S.K. and Rathore D.	Analysis of biosurfactants produced by bacteria growing on textile sludge and their toxicity evaluation for environmental application.	Journal of Dispersion Science and Technology.	April, 2019 41 (4): 510-522
10.	Singh R and Rathore D.	Carbon and ecological footprint of textile industry: application of R3 strategy to mitigate the environmental effects of textile waste.	International Journal of Plant and Environment	April, 2019 5 (2): 121-124.
11.	Chaudhary I.J. and Rathore D.	Dust pollution: Its removal and effect on foliage physiology of urban trees.	Sustainable Cities and Society	Nov, 2019 51: 101696

12.	Singh R. and Rathore D.	Impact assessment of azulene and chromium on growth and metabolites of wheat and chilli cultivars under biosurfactant augmentation.	Ecotoxicology and Environmental Safety	Dec, 2019 186:109789
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### Papers published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1.	Sunayana Nath, Ritis K. Shyanti and Bhawana Pathak	Plant-Mediated Synthesis of Silver and Gold Nanoparticles for Antibacterial and Anticancer Applications	Green Nano particles Synthesis and Biomedical Applications (Eds. Jayanta et.al.,).	March 2020 Springer Nature Switzerland
2.	Ruchi Rathod and Bhawana Pathak	Green Synthesis of Nanoparticles by Mangrove Plants and Its Biomedical Application	Green Nano particles Synthesis and Biomedical Applications (Eds. Jayanta et.al.,	March 2020 Springer Nature Switzerland
3.	Shalini Gupta and Bhawana Pathak	Bioremediation of Polycyclic Aromatic Hydrocarbons (PAHs): An Overview	Bioremediation Technology: Hazardous Waste Management (Eds. M H Fulekar, Bhawana Pathak)	December 2019 CRC Press
4.	Shalini Gupta and Bhawana Pathak	Mycoremediation of polycyclic aromatic hydrocarbons	Abatement of Environmental Pollutants Trends and Strategies. (Eds. Singh et.al.,)	Sep 2019 Elsevier B.V. Science Direct
5.	Jitendra Kumar Singh and Bhawana Pathak	Community based conservation and Sustainable Management of Mangrove Forests in Gujarat pp 120-134.	Sustainable Development in India: Emerging Scenarios & Concerns (Eds Litty Denis & S Sharma)	Sep 2019 Allied Publishers Pvt Ltd.
6.	Purswani E., Pathak B., Kumar D., Verma S.	Land-Use Change as a Disturbance Regime	Environmental Concerns and Sustainable Development Volume	May 2019 Springer, Singapore

			2: Biodiversity, Soil and Waste Management (Eds. Shukla V Kumar N).	
7.	Hiranmai Yadav R.	Organic Farming for Soil Health Management and Conservation of Soil Fertility in Sodic Soils.	Innovative Approaches in Agriculture and Environmental Development. Editors: Chhatarpal Singh, Md. Nadeem Akhtar and Vishal M. Balaramnavar.	JPS Scientific Publications, India 2019

### Books published as author

Sr. no.	Name/s of the author in the order they appear in publication	Title of the book	Month/year of publication/ name of the publisher and place
1.	M.H. Fulekar and Bhawana Pathak, (Eds)	Bioremediation Technology- Hazardous waste management	Dec 2019 CRC press,

### Other Publications (Magazines, Newspapers, web portals)

Sr. no.	Name/s of the author in the order they appear in publication	Title	Month/year of publication/ name of the publisher and place
1.	Bhawana Pathak	Urbanization - Boon and Bane for Environmental Sustainability: Way forward	30 March 2020 Green Educators' Network CSE University Programme Initiative <a href="https://cseuniversityprogramme.wordpress.com/2020/03/30/">https://cseuniversityprogramme.wordpress.com/2020/03/30/</a>
2.	Bhawana Pathak	Water conservation @ COVID-19: An unavoidable challenge when SAFE WATER IS SCARCE	30 March 2020 Green Educators' Network CSE University Programme Initiative <a href="https://cseuniversityprogramme.wordpress.com/2020/03/30/">https://cseuniversityprogramme.wordpress.com/2020/03/30</a>

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Bhawana Pathak (ISCA Invited speaker)	Bioremediation technology for agricultural contaminants: A sustainable approach for rural ecosystem	Environmental Sciences Section of 107th Indian Science Congress	Indian Science Congress at University of Agricultural Sciences, GKVK, Bengaluru	(3-7 January 2020).
2.	Hiranmai Yadav R.2020	Organic farming for enhancing rhizosphere microbial population and soil fertility improvement	International conference on Microbial Biotech Interactions for Sustainable Agriculture and Societal development is being	Department of Microbiology and Biotechnology University School of Sciences, Gujarat University, Ahmedabad-380 009, Gujarat	6-7 Feb 2020
3.	Hiranmai Yadav R.	Organic farming for soil health management and conservation of soil fertility in sodic soils.	2 <sup>nd</sup> International Conference on Recent Advances in Agricultural, Environmental and Applied Sciences for Global Development (RAAEASGD 2019)	Dr. Yashwant Singh Parmar University of Horticulture and Forestry, Nauni, Solan, Himachal Pradesh, India	27-29 September 2019.
4.	Sahu Paulami and Chavda Yatri	Treatment efficiency assessment of various Vertical Down Flow Constructed Wetlands comprising different medias to treat Industrial Wastewater.	9th International Conference on Sustainable Waste Management towards Circular Economy	KIIT (Kalinga Institute of Industrial Technology), Bhubaneswar, Odisha, India.	Nov. 27 - 30, 2019

5.	Swayam Siddha and Paulami Sahu	Statistical approaches to determine the geochemical origin of groundwater of Vishwamitri River Basin, Gujarat, India	Conference: 8th International Groundwater conference on Sustainable Management of Soil-Water Resources	Department of Hydrology (IIT Roorkee, Roorkee, Uttarakhand, India)	21-24 Oct, 2019
6.	Kumari Rina	An Integrated Approach to manage over exploitation aquifers of semi-arid region, NCR, Delhi, India.	Water Future Conference	IISc. Bangalore	September 24-27 <sup>th</sup> , 2019
7.	Kumari Rina and Sheikh Muzzafar Ahmad	An Integrated Approach to Assess the Hydrochemistry in Sonipat District, A Part of Indo-Gangetic Plain.	Hydro 2019, International Conference (Hydraulic, Water Resources & Coastal Engineering)	Osmania University, Hyderabad, India.	December 18-20 <sup>th</sup> , 2019
8.	Rathore D. and Chaudhary, I.J.	Effect of Ozone on groundnut cultivars	The 5 <sup>th</sup> Asian air pollution workshop (AAPW-5)	Department of Botany, Institute of Sciences, BHU-VARANASI (India)	5-7 November, 2019

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Bhawana Pathak	Rhizoremediation of Pesticides from agro-ecosystem: Technology transfer from	Tech4Seva- A three-day National Workshop on Technology outreach as an Enable for Inclusive &	Unnat Bharat Abhiyan and Vijnana Bharati at IIT Delhi	10-12 <sup>th</sup> Aug 2019.

		lab to land: A sustainable Approach	Sustainable Development		
2.	R.Y. Hiranmai	Biodegradation of plastics in soil and its influence on biogeochemical cycling - a comprehensive review	National Conference on "Plastics in the Environment: Current status and Rethinking the Future of Plastics" (NCPE-2020)	KSKV Kachchh University, Bhuj, Gujarat	7 <sup>th</sup> March 2020

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1	Bhawana Pathak	Environmental Degradation: Treatment Technologies for Sustainable Development	National Science Day Celebration on the theme Woman in Science 28 <sup>th</sup> Feb 2020. Organized by: Department of Chemical Engineering GH Patel College of Engineering & technology Charutar Vidyamandal University Vallabh Vidyanagar	Expert lecture
2	Bhawana Pathak	Air Pollution	Seminar Air Pollution on World Environment Day 5 <sup>th</sup> June 2019 Organized by IAAPC and CPCB at Department of Environmental Studies, The M.S. University Vadodara.	Guest Speaker
3	Rajesh Singh	Bio-electrolysis system: A promising technology for waste management with energy recovery	Lecture Series at the Department of Environmental Studies, The M.S. University Vadodara. 21-09-2019	Expert lecture

4	Rathore D.	Ecological Balance and Ecological Sustainability	NWRWS, Govt of Gujarat under DPR training for Water Resource Department, Government of Gujarat on 15 October, 2019	Invited Lecture
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**Participation in academic activities** such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.)

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1.	Bhawana Pathak	International conference on "Climate Change 2020: Adaptation and Mitigation practices with Local and Global Level innovations" (ICCC 2020)	Sankalchand Patel University, Visnagar, Gujarat (29th February, 2020).	Chaired Session
2.	Bhawana Pathak	Departmental Research Advisory meeting	Department of Environmental Sciences, M S University Vadodara (27-02-2020)	Expert member, (Vice Chancellor nominee),
3.	Bhawana Pathak	Regional level KVS 47th Jawaharlal Nehru National Science, Mathematics and Environment Exhibition-2018 (JNNSMEE-2019) on "Scientific Solutions for Challenges in Life"	Kendriya Vidyalaya Sangathan at KV, ONGC Chandkheda (18-20 Nov, 2019)	project evaluator
4.	Bhawana Pathak	National Children Science Congress (NCSC 2019)	Kendriya Vidyalaya, Shahibaug from 03.-04 Oct .2019	Participated as a judge
5.	Bhawana Pathak	Orientation Workshop for District Coordinator, District Academic Coordinator and Evaluators of National Children's Science Congress	Training Research Centre, Gandhinagar (14 <sup>th</sup> Sep 2019).	Participated as state evaluator



6.	R.Y. Hiranmai	2 <sup>nd</sup> International Conference on Recent Advances in Agricultural, Environmental and Applied Sciences for Global Development (RAAEASGD-2019) at Dr. Yashwant Singh Parmar University of Horticulture and Forestry, Nauni, Solan, Himachal Pradesh, India,	27-29 September 2019	Co-Convenor
7.	R.Y. Hiranmai	National Children Science Congress (NCSC 2019)	Kendriya Vidyalaya, Shahibaug from 03.-04 Oct .2019	Participated as a judge
8.	R.Y. Hiranmai	Women Empowerment run	International Women's Day on 8 <sup>th</sup> March 2020 (1-7 March, 2020) Central University of Gujarat	Organising member
9.	R.Y. Hiranmai	Environmental issues and legislation	5 days' workshop on Multidisciplinary approaches of environmental sciences from 2 <sup>nd</sup> -6 <sup>th</sup> March 2020 at Central University of Gujarat	1. Expert talk 2. Biodiversity survey
10.	R.Y. Hiranmai	Biodiversity survey of University campus	5 days' workshop on Multidisciplinary approaches of environmental sciences from 2 <sup>nd</sup> -6 <sup>th</sup> March 2020 at Central University of Gujarat	Expert talk Biodiversity survey

11.	R.Y. Hiranmai	Pollution monitoring (Practical)	5 days' workshop on Multidisciplinary approaches of environmental sciences from 2 <sup>nd</sup> -6 <sup>th</sup> March 2020 at Central University of Gujarat	Expert talk 3. Biodiversity survey
12.	Rajesh Singh	International Conference	EPIC-2020, 02-03, 2020	Chairing the session and expert talk
13.	Rajesh Singh	Indian Conference	ILCM 2019, 14-15 Nov. 2019	Participation
14.	Rajesh Singh	Multidisciplinary approaches of environmental sciences	2 <sup>nd</sup> -6 <sup>th</sup> March 2020 at Central University of Gujarat	Expert talk
15.	Sahu Paulami	Natural resources and sustainable development	5 days' workshop on Multidisciplinary Approaches of Environmental Sciences (2 <sup>nd</sup> -6 <sup>th</sup> March 2020). at Central University of Gujarat	Expert lecture
16.	Dheeraj Rathore	1. Ecology and Environment 2. Biodiversity survey of University campus	5 days' workshop on Multidisciplinary Approaches of Environmental Sciences (2 <sup>nd</sup> -6 <sup>th</sup> March 2020). at Central University of Gujarat	Expert lecture And Biodiversity survey

## Participation in training/ orientation/refresher programme

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1.	Bhawana Pathak	Integrating Sustainability in Urban Development at IIT, BHU Varanasi	9-15 <sup>th</sup> Feb 2020	Participant
2.	Bhawana Pathak	CSE's fifth National Knowledge Conclave at AAETI, Nimli, Rajasthan	29-31 <sup>st</sup> Jan 2020	Green Educator
3.	Bhawana Pathak	Two-day National Workshop under Unnat Bharat Abhiyan at Inter-University Accelerator Centre (IUAC), New Delhi	21-22 <sup>nd</sup> Jan 2020	Participating Institute-Participant
4.	Bhawana Pathak	One day workshop under "UNNAT BHARAT ABHIYAN"-II at IIT Gandhinagar	7 <sup>th</sup> Dec 2019	Participating Institute - Participant
5.	Bhawana Pathak	Integrating Sustainability in Rural Development at Mahatma Gandhi Antarrastriya Hindi Vishwa vidyalaya, Wardha	15-22 <sup>nd</sup> June 2019	Participant
6.	R.Y. Hiranmai	EQIP-III Sponsored Faculty Development Program on Energy AND Power Systems at Shri Mata Vaishno Devi University, Katra	5 <sup>th</sup> to 9 <sup>th</sup> August 2019.	Participant

## Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1.	Bhawana Pathak	Adoption determinants and socio-economic implications of residential solar photo voltaic technologies in Gujarat	Climate change Department, Govt. of Gujarat	10,09,800/ year	Ongoing

2.	Rajesh Singh	Sustainable hydrogen production using Sulfate-reducing bacteria as new hydrogenase rich microorganisms	SERB	3152600	Ongoing
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### Research student registered during 2019-20

Sr. no.	Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2019-20)
1.	Bhawana Pathak	MPhil	01
2.	Bhawana Pathak	Ph.D.	06
3.	R.Y. Hiranmai	Ph. D.	01
4.	R.Y. Hiranmai	M. Phil	01
5.	Rajesh Singh	Ph.D.	01
6.	Paulami Sahu	Ph.D.	01
7.	Rina Kumari	Ph.D.	01
8.	Dheeraj Rathore	Ph.D.	01

### Under the MoU signed with the collaborative institute, Research / MSc students are doing their dissertation / training and other academic collaborative research work in the specific area.

Following students completed training and dissertation work in 2019-2020 from GBPNIHESD:

Asha Humble (PhD)	3 month	G B Pant National Institute of Himalayan Environment and Sustainable Development) GBPNIHESD, Kosi Katarmal Almora, Uttarakhand
Neha Chaudhari (MPhil)	3 month	
Seema Regmi (M.Sc.- dissertation)	5 month	
Pratima Kumari (PhD- course work)	10 days	

Besides, MSc IV Sem students have also completed their dissertation work from various institutes and university as a collaborative research.

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

The School is involved in extension and outreach activities by facilitating social and environmental expertise to five villages (Kaka Nu Tarapur; Lekawada; Titoda; Pundrasan; Adraj Moti) near Gandhinagar district under Unnat Bharat Abhiyan.

### 1. Technology Transfer from Lab to land

SESD has already taken step to transfer laboratory technology to the field at Kaka nu Tarapur. Last year, three M.Sc. Students completed their M.Sc. Dissertation based on the village development programme on the following topics in Kakanu Tarapur Village.

- i. Rhizosphere Bioremediation of Dimethoate Using Wild Sorghum in field
- ii. Remediation of Chemical Fertilizer and assessment of characteristics changes in soil
- iii. Ground water characterization and treatment with solar distillation



*Rhizosphere Bioremediation for degradation of agricultural contaminants and conversion of barren land into fertile land at Village Kakanu Tarapur*

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

#### Dr Bhawana Pathak, Dean and Associate Professor

- Dean, School of Environment and Sustainable Development
- Member - Executive Council
- Chairperson & Presiding officer, Internal Complaints Committee, CUG (up to June 2019)
- Chairperson - Unnat Bharat Abhiyan
- Member -Academic Council - Central University of Gujarat
- Member- Admission Committee 2019-20
- Member- Local purchase committee
- Member, Zero Semester Committee
- Member - Library Advisory Committee
- Member -Board of Studies - School of Environment and Sustainable Development
- Member - Central Instrumentation Facility
- Member -CASR- School of Environment and Sustainable Development
- Member -Research Advisory Committee, School of Environment and Sustainable Development
- Member -School level purchase committee
- Member- Internal Quality Assurance Cell (IQAC)

**Dr. R.Y. Hiranmai,**

- Presiding Officer, Internal Complaint Committee

**DR. Paulami Sahu**

- Member of School Board, SEDS, CUG
- Member of Internal Quality Assurance Cell (IQAC) of CUG.
- Member of Committee for preparing Hostel Manual for CUG.
- Member of Library Book Verification Committee of CUG.
- Member of Guest House Committee
- Member of Rajbhasha Karyanayan Samiti of CUG
- Warden of Sector-30 Girls' Hostel
- Warden in-Charge of Infocity Girl's Hostel, CUG
- Faculty in Charge during ICC student Member election held on 24.09.2019
- Conducted field trip of M.Sc. Environmental Sciences Semester-II Students at Little Rann of Kutch on 7<sup>th</sup> February, 2020

## School of International Studies

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 has a 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.

### Programmes offered

- M.A. in International Politics
- M.Phil. in International Studies
- Ph.D. in International Studies

### Guest lectures in the School

Sr. No.	Name of the lecture	Name of the speaker	Date
1	Coping with Uncertainty in International Relations: A Student's Dilemma	Prof. Rahul Tripathi , Professor & Head , Department of Political Science, Goa University	October 14, 2019
2	Rediscovering South Asia: A New Foreign Policy Imperative for India	Prof Rahul Tripathi, Professor &Head , Department of Political Science , Goa University	October 14, 2019
3	China's Rise and its Implications for India	Ambassador Sujon Chinoy, Director General , Institute for Defence Studies and Analyses ,New Delhi	November 21, 2019

4	Climate Resilience: Lessons from Ecological Economics	Prof. Anitha V., Professor & Head, Department of Economics, Kerala University	January 16, 2020
5	India's Foreign Policy: Initiatives in Eastern Neighborhood	Dr. Sreeradha Datta, Senior Fellow , Vivekananda Foundation , New Delhi	January 30, 2020
6	Afghan Peace Agreement and India: Challenges and Opportunities	Shri. Shakti Sinha , Director, NMML, New Delhi	March 6, 2020

### Faculty Profile

**Prof. 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

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

**Ms Eva Loreng**, Assistant Professor

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

**Dr Vijendra Singh**, Assistant Professor (on contract),

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

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

S. No.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with Volume and No.
1	Manish	CPEC, Afghanistan and India's Concerns (co-authored)	India Quarterly	Vol 75, No 2, 2019
2	Manish	India-China Border Disputes: A Study of Agreements	Defense & Diplomacy Journal	Vol. 9, No 1, 2019 (October-December)



3	Manish	Understanding Gujarat Polls-2019 (co-authored)	Social Science in Perspective	Vol 11, No 3&4, 2019 (July- September & October- December)
4	Saurabh Sharma	China's Engagement with Nepal: A Strategic Perspective (co-authored)	World Focus	Vol 40, No 4. April 2019
5	Saurabh Sharma	महिला सुरक्षा के बदलते आयाम (co-authored)	मानव अधिकार: नई दिशाएँ	वर्ष 2019, अंक: 16
6	Loreng, Eva	Diaspora and Foreign Policy: A Case Study of Indian Diaspora in the US	Journal of Xi'an University of Architecture and Technology	Volume 12, No. 3, March 2020
7	Singh, Vijendra	Relationship between the Spiritual and the Secular: Vivekananda, Gandhi and Radhakrishnan	Studies in Indian Politics	Vol. 7, No 1, 2019
8	Singh, Vijendra	Understanding Gujarat Polls – 2019 (co-authored)	Social Science in Perspective	Vol 11, No 3&4 , 2019 (July- September & October- December)

### Papers published in edited volume

Sr. No.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1.	Loreng, Eva	Smart Cities: One Shoe Does Not Fit All	Multi-Disciplinary Approach towards Sustainable Development	2020/ Indian Institute of Forest Management and Bookwell, Bhopal

## Books published as author

Sr. No.	Name/s of the author in the order they appear in publication	Title of the book	Month/year of publication/ name of the publisher and place
1	Denis, Litty and Saurabh Sharma	Sustainable Development in India: Emerging Scenarios and Concerns	June, 2019/ Allied Publishers/ New Delhi

## Other Publications (Magazines, Newspapers, web portals)

Sr. no.	Name/s of the author in the order they appear in publication	Title	Month/year of publication/ name of the publisher and place
1	Manish	AUSINDEX 2019: An Assessment	04 April 2019, Kalinga International Foundation (kalingainternational .com)
2	Manish	Removal of ISI Chief: Post Pulwama Impact?	20 June 2019, Forum for Integrated National Security (finsindia.org)
3	Manish	India and Asia's Changing Balance of Power	National Security, Vol II, No III, Sept 2019 (vifindia.org)

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/ conference/workshop	Organizing body and place	Date/s of the programme
1	Manish	India in the Indo-Pacific	Second International Conference on Modern Research in Social Sciences	Collegio di Milano, Milan, Italy	30 Oct- 01 Nov 2019
2	Manish (co-authored)	The Importance of Ramayana as India's Soft Power in Southeast Asia	Two -day International Conference on 'Indian Epics & Soft Power: India and Southeast Asia	School of International Studies, JNU, New Delhi	06-07 Nov 2019

3	Manish	Member Participant	Sixth Annual ICWA-CPIFA Bilateral Dialogue	Indian Council of World Affairs, Ministry of External Affairs, New Delhi	07 Nov 2019
4	Manish	India in the Indo Pacific	Three -Day International Seminar on The Geopolitics of Indo-Pacific: Perceptions, Opportunities and Challenges	Kerala University, Thiruvananthapuram, Kerala	11-13 Dec 2019
5	Manish	India's Foreign Policy under Globalization	International Conference on " New India: Regional Concerns and Global Ambitions"	Fakir Mohan University, Balasore, Odisha	13-14 Feb 2020
6	Sharma, Saurabh	Women and Child Trafficking in India: An Analysis of Anti-Human Trafficking Units	International Conference on Police Science – ICPS 2019 on “Futuristic Security and Policing Architecture: Challenges of Change and Prism of Possibilities”	Raksha Shakti University, Ta: Dahegam, Gandhinagar, Gujarat	06-07 Sep 2019
7	Sharma, Saurabh	Human Trafficking in India: Issues, Trends and Patterns	International Conference on Social Work, Law and Human Rights	Gujarat National Law University	01-02 Feb 2020
8	Loreng, Eva	The Growing Role of the Indian Diaspora in the Assembly Elections	3 <sup>rd</sup> Global Conference- Diasporas: An Inclusive Interdisciplinary Conference, Prague, Czech Republic	Progressive Connexions	01-02 Dec 2019

9	Loreng, Eva	Engaging the Diaspora: The Changing Policies of the Indian Government	3 <sup>rd</sup> International Conference on Diaspora Governance in International Relations: Opportunities and Challenges for India	Centre for Diaspora Studies, Central University of Gujarat	10- 11 Feb 2020
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**Papers presented at national/regional level seminar/conference/workshop, etc.**

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/Conference/workshop	Organizing body and place	Date/s of the programme
1	Manish	Paper presented on "New India's Foreign Policy: Global Ambitions & Challenges"	National Conference on "Bharat Shakti: The Inherent Energy of India"	Pondicherry University & ICSSR, New Delhi	09-11 March 2020
2	Manish	Paper presented on 'Emerging Threats of Terrorism in India'	National Seminar on India's National Security: Challenges and Options	National Institute of Advanced Studies, Bangalore & PDPU, Gandhinagar	12-13 March 2020
3	Sharma, Saurabh	Workshop	National Conference on Interfaith Dialogue, Communal Harmony and National Integration	Central University of Gujarat in collaboration with National Foundation for Communal Harmony Place: Central University of Gujarat	5-6 November, 2019
4	Sharma, Saurabh	Workshop	Maritime Journey of Contemporary Indian Security	School of National Security Studies in collaboration with Maritime History	26-27 February, 2020

				Society & Department of Civic and Politics, University of Mumbai Place: Central University of Gujarat	
5	Sharma, Saurabh	Workshop	Geographic Information Systems (GIS) and National Security	School of National Security Studies, Central University of Gujarat Place: Central University of Gujarat	01-7 March 2020
6	Loreng, Eva	Workshop	Maritime Journey of Contemporary Indian Security, Central University of Gujarat, Gandhinagar	School of National Security Studies, Central University of Gujarat	26- 27 Feb 2020
7	Loreng, Eva	Workshop	Geographic Information Systems (GIS) and National Security, Central University of Gujarat, Gandhinagar	School of National Security Studies, Central University of Gujarat	01– 07 March 2020
8	Singh, Vijendra	Paper presented on “Dialogue, Debate and Democracy in India”	National Conference on Interfaith Dialogue, Communal Harmony and National Integration	Central University of Gujarat	5-6 Nov 2019

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1	Manish	J&K and India-Pakistan Relations	Invited Lecture, Department of Strategic and Regional Studies,	Speaker

			University of Jammu, September 16, 2019	
2	Loreng, Eva	Diasopra and Soft Power: A Case study of the Indian Diaspora in the US, 2001-2009	Invited Lecture, December 3, 2019	Speaker

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

<b>Sr. no.</b>	<b>Name</b>	<b>Name of the programme</b>	<b>Name of the programme with date/s</b>	<b>Nature of participation</b>
1	Manish	Conference	Interfaith Dialogue, Communal Harmony and National Integration, Central University of Gujarat, 5-6 Nov 2019	Co- Organizer (With SNSS and SLLCS)
2	Manish	International Seminar	Three-day International Seminar on the Geopolitics of Indo-Pacific, Kerala University, Thiruvananthapuram	Chair- Session on Big Power in the Indo-Pacific: Interests and Strategies
3	Manish	Workshop	Social Media Champions' Workshop, Ministry of Human Resource Development, Government of India, Vigyan Bhawan, New Delhi, 27 Dec 2019	Participant
4	Manish	National Seminar	Electoral Reforms in India : Issues and Challenges, University of Baroda, 23 Jan 2020	Session Chair
5	Manish	Round Table Discussion	India's Foreign policy: Emerging Prospects and Challenges, School of International Studies, CUG, 27 Jan 2020	Organizer

6	Manish	Workshop	Maritime Journey of Contemporary Indian Security, School of National Security Studies, CUG, 26, Feb 2020	Session Chair
7	Manish	International Conference	International Conference on "New India: Regional Concerns and Global Ambitions", Fakir Mohan University, Balasore, 13-14 Feb 2020	Session Chair
8	Manish	Distinguished Lecture	Lecture on Methodology of Locating, Studying and Analysing Chinese Media Online/ Offline with India in Focus, by Prof Hemant Adlakha, Centre for Chinese Studies, CUG, 03 March 2020	Session Chair
9	Manish	National Conference	National Conference on "Bharat Shakti: The Inherent Energy of India", Pondicherry University and ICSSR, 9-11 March 2020	Chair, Academic Panel on Indian Ocean
10	Sharma, Saurabh	Environmental Information System (ENVIS) programme of Ministry of Environment, Forest and Climate Change.	Evaluation conducted in January and February 2020 and report submitted in February 2020	Independent Evaluator for Environmental Information System (ENVIS) programme of Ministry of Environment, Forest and Climate Change for Gujarat Ecology Commission, Government of Gujarat Evaluation conducted by

				Datamation Research Services.
11	Loreng, Eva	Conference	Interfaith Dialogue, Communal Harmony and National Integration, 5-6 Nov 2019	Organizer

### Participation in training/ orientation/refresher programme

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1	Loreng, Eva	Orientation Program	16 Sep - 05 Oct 2019	Participant

### Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1	Manish	Geopolitical Implications of CPEC Extension into Afghanistan	Indian Council of Social Science Research	4 Lakhs	Ongoing
2	Sharma, Saurabh	District Human Development Report of Mahisagar	Gujarat Social Infrastructure Development Society	6 Lakh	Project Completion Report Received on 02/08/2019

### Research student/s guided

Sr. no.	Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2019-20)
1	Manish	M.Phil.	3
2	Saurabh Sharma	M.Phil.	1
3	Eva Loreng	M.Phil.	1



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

### Prof. Manish

- Dean, School of International Studies
- Chairperson, Centre for International Politics
- Member, Academic Council
- Chairman, School Board of International Studies
- Chairman, Board of Studies, Centre for International Politics, School of International Studies
- Member, Board of Studies, CSEP, School of Social Sciences
- Member, Board of Studies, Centre for Security Studies, School of National Security Studies
- Chairman, CASR, School of International Studies
- Member, CASR, School of National Security Studies
- Member, CASR, Centre for Diaspora Studies
- Member, Internal Quality Assurance Cell (IQAC)
- Chairperson, Grievance Redressal Committee
- Chairperson, Departmental Student Grievance Redressal Committee, School of International Studies
- Member, Departmental Student Grievance Redressal Committee, Centre for Hindi Studies, School of Language, Literature and Culture Studies
- Member, Departmental Student Grievance Redressal Committee, Centre for Studies in Economics and Planning, School of Social Science
- Member, Departmental Student Grievance Redressal Committee, Centre for Gandhian Thought and Peace Studies, School of Social Science
- Member, Departmental Student Grievance Redressal Committee, Centre for English Studies, School of Language, Literature and Culture Studies
- Member, Departmental Student Grievance Redressal Committee, School of Environment and Sustainable Development
- Chairman, ICT
- Social Media Champion (SMC)
- Chairman, Web Content Management Committee
- Member, Admission Committee 2019- 20
- Convener, Admission Webpage Committee 2019- 20
- Convener, Question Paper Committee, CUCET Exams 2019- 20
- Member, International Students Committee, CUCET Exams 2019- 20
- Member, Second Convocation Committee

### Dr. Saurabh Sharma

- Member of Fourth Academic Council of Central University of Gujarat
- Member of Board of Studies, Centre for International Politics, School of International Studies, Central University of Gujarat
- Member of School Board, School of International Studies, Central University of Gujarat

- Member, CASR, Centre for Diaspora Studies, Central University of Gujarat
- Member of Unnat Bharat Abhiyaan
- In charge for calculation of Income Tax & Preparation of files for the same, maintained at Finance and Accounts Department of Central University of Gujarat.

**Dr. Eva Loreng**

- M.A. Programme Coordinator, School of International Studies.
- Member, CASR, School of International Studies.
- Member, Board of Studies, Centre for International Politics, School of International Studies.
- Member, Board of Studies, Centre for National Security, School of National Security Studies.
- Member, School Board, School of International Studies.
- Member, Committee for setting question paper for CUCET 2019.
- Member Disciplinary Committee, Annual Sports Meet 2020.

# School of Language, Literature and Culture Studies

School of Language, Literature and Culture Studies (SLL&CS) runs programmes in various subjects related to Humanities such as the study of Indian and foreign languages and comparative study of literature and cultures. Issues related to gender, caste, race, and processes of exclusion and marginalization in society, migration and identity of diaspora communities are some of the core areas of study in the courses offered by the School. All the programmes are interdisciplinary and innovative in nature and prepare students for employment in teaching, research, print and visual media, administration, publishing, editing and emerging areas such as technical writing and content development.

## Centre for Chinese Studies

### About the Centre

Chinese language learning has emerged as a major academic discipline in today's world. China is India's largest neighbour and biggest trade partner. Besides being the two most populous countries in the world, India and China have also emerged as the two largest developing countries in 21st century. Presently with the unprecedented growth of China, there is a felt need to have scholars well-versed in Chinese language, who could efficiently fill various lacunas present in the domain of China Studies and Chinese Studies in India. In order to nurture such scholars, the Central University of Gujarat started the Centre for Chinese Studies in the year 2011 under the School of Language, Literature and Culture Studies. Centre is equipped with a fully-functional language lab, which offers state of art teaching- learning experience. Growing trade and investment between India and China offers excellent employment opportunities to Chinese language experts. Right since its inception, the Centre is maintaining an excellent placement record. Students from the Centre have been regularly awarded with various accolades, awards as well as scholarships to pursue higher studies in China.

### Programmes offered

- B.A. (Hons.) in Chinese
- M.A. in Chinese

### Guest lectures in the Centre

Sr. no.	Name of the lecture	Name of the speaker	Date
1	"Confucianism, Vedanta and Social Theorising"	Prof. Ananta Giri, Madras Institute of Development Studies, Chennai	04 February 2020

2	"The Image of India in Contemporary Chinese Popular Discourse: Is Recent Media Coverage Any Different?"	Prof. Hemant Adlakha, Centre for Chinese and South East Asian Studies, JNU, New Delhi	03 <sup>rd</sup> March 2020, 11 am
3	"Methodology of Locating Studying and Analysing Chinese Media Online/Offline: With India in Focus"	Prof. Hemant Adlakha, Centre for Chinese and South East Asian Studies, JNU, New Delhi	03 <sup>rd</sup> March 2020, 2:30 pm

## Faculty Profile

**Dr. Nishant Kumar**, Assistant Professor & Coordinator

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

**Dr. Prabhat Kumar**, Assistant Professor

Areas of interest: Chinese Language, Literature, Culture; Chinese Media & Society; Translation & Interpretation.

**Mr. Swami Kundan Kishor**, Assistant Professor

Areas of interest: Poetry Translation, Journalistic Translation, Traditional Chinese Characters, Simplified Chinese Characters, Chinese History.

**Mr. Prashant Kaushik**, Assistant Professor

Areas of interest: Chinese Language and History, Translation, Translation Theory, Interpretation.

**Dr. Priyanka Dhargave**, Guest Faculty

Areas of interest: Chinese Language and Literature, Translation, Interpretation.

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Kaushik, Prashant	"Mutual learning from India-China civilizational values for Asian Century"	Fourth India-China Think Tank Forum	Indian Council of World Affairs, New Delhi and Chinese Academy of Social Sciences, Beijing. Place: Beijing, China	November 24-December 2, 2019

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Kaushik, Prashant	'The Chinese Language Challenge of China Studies in India'	"Assessing recent initiatives to promote China studies in India"	Institute of Chinese Studies, New Delhi	23 Jan. 2020

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

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1	Kumar, Nishant	3 <sup>rd</sup> International Conference on Diaspora Governance in International Relations: Opportunities and Challenges for India, Organised by Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar	3 <sup>rd</sup> International Conference on Diaspora Governance in International Relations: Opportunities and Challenges for India, held on 10-11 February 2020.	Member of Organising Committee

### Participation in training/ orientation/refresher programme

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1	Kaushik, Prashant	114th Orientation Programme	15th July to 2nd August, 2019	Participant
2	Kaushik, Prashant	5th Winter School (Foreign Languages) Refresher Course	17th February to 29th February 2020	Participant

3	Kumar, Nishant	97th Orientation Programme at HRDC, Gujarat University	6th January to 26th January 2020	Participant
4	Kumar, Nishant	Overseas Chinese Teachers Training Programme, Beijing Foreign Studies University, Beijing, China	9th to 17th June 2019	Participant
5	Kumar, Nishant	Five-day Confidential Workshop at National Testing Agency, Noida, U.P.	29.07.2019 to 02.08.2019	Participant
6	Kumar, Nishant	Five-day Confidential Workshop at National Testing Agency, Noida, U.P.	12.03.2020 to 16.03.2020	Participant
7	Kumar, Prabhat	5th Winter School (Foreign Languages) Refresher Course	17th February to 29th February 2020	Participant
8	Kishor Swami Kundan	PMMMNMFT Faculty Development Centre, SMVDU, J&K	1 April 2019 to 30 April 2019	Participant
9	Kishor Swami Kundan	2019 Training Program for Mandarin Teachers, National Sun Yat-sen University, Taiwan	1 July 2019 to 12 July 2019	Participant

### Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1	Kishor Swami Kundan	Selected Works of Xu Zhimo, India China Translation Programme	NBT, India	1700000	Ongoing

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

### **Prashant Kaushik**

- 2<sup>nd</sup> Convocation Protocol Committee

### **Nishant Kumar**

- Coordinator of the Centre for Chinese Studies since August 2017 till date.
- Member of Admission Committee 2019
- Discipline Committee member, 2nd Convocation Ceremony, February 2019.
- Discipline Committee Member Annual Day Celebrations 2019
- Discipline Committee Member Garba Night 2019
- Discipline Committee Member Annual Sports Meet- 2020

### **Swami Kundan Kishor:**

- Discipline Committee member Garba 2019

# Centre for Comparative Literature and Translation Studies

## About the Centre

The Centre for Comparative Literature and Translation Studies 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.

## Faculty Profile

**Dr. Balaji Ranganathan**, Professor and Chairperson

Areas of interest: Psychoanalysis, 19th century Indian political discourse, Oriental Studies, Asian Studies, Archaeology and numismatic studies of early India, development of early and medieval Indian bronzes, Iconography, Museology.

**Dr. Zarana Maheshwari**, Assistant Professor

Areas of interest: Translation studies and practice, travel writing, colonial literature, public sphere.

**Dr. Zakia Firdaus**, Assistant Professor

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

**Ms. Niveditha Kalarikkal**, Assistant Professor

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

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference /workshop	Organizing body and place	Date/s of the programme
1	Maheshwari Zarna	Disablement of Women: a Comparative Study of Lohi	international conference on "Social Work, Law and Human Rights"	Gujarat National Law University Gandhinagar	February 1-2, 2020



		ni Sagai and Shruti and Smruti			
2	Nivedita Karrikal	"Refuge in the Land of Redemption: Serial Migration as a Theme in Contemporary South Asian Literature", ,	International Seminar on 'Refuge and Resistance: Literary, Historical and Socio-political Discursive Structures"	Maharaja's (Government Autonomous) College, Ernakulam, Kerala.	September 5-20, 2019

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

<b>Sr. no.</b>	<b>Name/s of the author in the order they appear</b>	<b>Title of the paper</b>	<b>Theme of the seminar/ conference/workshop</b>	<b>Organizing body and place</b>	<b>Date/s of the programme</b>
1	Zakia Firdaus	The question of Dialogue and Harmony in Urdu Poetry and Poetics.	the National Conference on Interfaith Dialogue , Communal Harmony and National Integration	Central University of Gujarat	November 5-6, 2019,
2	Nivedita Karrikal	"Refuge in the Land of Redemption: Serial Migration as a Theme in Contemporary Fiction about South Asia"	National Conference on "Contextualizing Migration: Perspectives from Literature, Culture and Translation,"	Department of English, GITAM University, Hyderabad.	January 5, 2020

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1	Ranganathan Balaji	Pre Colonial Indian Law.	"Forms of Knowledge and Intellectual Traditions in South Asia" on 10-11 July 2019, Nehru Memorial Museum and Library, Teenmurthi, New Delhi.	Plenary Talk
2	Ranganathan Balaji	The Kheda Sathyagraha and Sardar Patel: the contesting masculinities.	Conference Workshop on Sardar Patel at the Nehru Memorial Museum and Library, Teenmurthi, New Delhi. on 12-13 September 2017	Plenary talk

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

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1	Maheshwari Zarna	workshop on Media, Technology and Textuality	organized by Centre for Comparative Literature and Translation Studies Central University of Gujarat on February 26, 2020	co-convener
2	Niveditha Karikkal	workshop on Media, Technology and Textuality	organized by Centre for Comparative Literature and Translation Studies Central University of Gujarat, on February 26, 2020	co-convener

# 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.

## Guest lectures in the Centre

Sr. no.	Name of the lecture	Name of the speaker	Date
1.	Narrative in Science	Dr. Shiju Sam Varughese	9 <sup>th</sup> August, 2019
2.	Cinema and the Still Image	Amarnath Praful	24 <sup>th</sup> October, 2019

## Faculty Profile

**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.

**Dhārā K. Chotai**, Assistant Professor

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

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

Areas of interest: 20<sup>th</sup> C. American Literature, Modernism, and Psychoanalysis.

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1.	Bhattacharya, Atanu (with Hiradhar, P.)	The sentimental nightmare: the discourse of the scientific and the aesthetic in Rokeya S. Hossain's "Sultana's Dream"	Journal of Postcolonial Writing	(2019) 55/5: 614-27
2.	Ishmeet Kaur Chaudhry	Folk Songs, Language and Community Concerns among Adivasi Communities	Setu: A Bilingual and Peer-Reviewed Journal of Literature, Arts and Culture	January, 2020
3.	Ishmeet Kaur Chaudhry	Waging A War of Co-Existence: An Epic Saga of Life	Muse India: The Literary Journal	Vasant Ritu (Spring, Issue No. 90 (Mar-Apr, 2020)

## Books published as author

Sr. no.	Name/s of the author in the order they appear in publication	Title of the book	Month/year of publication/ name of the publisher and place
1.	Bari, Rachel and Ishmeet Kaur Chaudhry (Eds.)	Violence, Subversion and Recovery: Women Writers from Sub-Continent and Around (A Literary Confluence of Essays, Poems and Short Stories)	Himalaya Publishing House, June 2019
2.	Chaudhry, Ishmeet Kaur (Eds.)	Black November: Writings on the Sikh Massacres of 1984 and the Aftermath	Speaking Tiger October, 2019

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

<b>Sr. no.</b>	<b>Name/s of the author in the order they appear</b>	<b>Title of the paper</b>	<b>Theme of the seminar/conference/workshop</b>	<b>Organizing body and place</b>	<b>Date/s of the programme</b>
1.	Bhattacharya Atanu	गांधी और भारतीय अंग्रेजी साहित्य: एक विवेचन	National Seminar on गाँधी और 1980 के बाद का हिंदी - गुजराती साहित्य	Sahitya Academy, New Delhi and Central University of Gujarat, Gandhinagar	10-11 May, 2019
2.	Bhattacharya, Atanu	Writing Research	National Workshop on Contemporary Trends in Research Methodology	Department of English, Gujarat University, Ahmedabad	12 <sup>th</sup> March, 2020
3.	Chaudhry, Ishmeet Kaur	Interfaith Conversations and Literary Representations Across the Bhakti Poets	National Conference on Interfaith Dialogue, Communal Harmony and National Integration	Central University of Gujarat in collaboration with National Foundation for Communal Harmony and National Integration	5-6 November, 2019
4.	Chaudhry, Ishmeet Kaur	Writing on "Chaurasi" and the Aftermath: Readings from Black November	Two-Day National Conference on Conversations with Culture: Conclave of South Asian Writers	Kuvempu University, Shimoga in collaboration with Sahitya Akademy, New Delhi and Alumni Association, Dept. of English, Shimoga	6-7 Feb, 2020

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1.	Bhattacharya, Atanu	Contemporary Technology Studies	Faculty Development Programme, Knowledge Consortium of Gujarat, Ahmedabad (01-06April, 2019)	Invited Speaker
2.	Bhattacharya, Atanu	The Rhizomatic Web: Educators and Learners in the Digital Era	Winter Institute in Digital Humanities, IIT Gandhinagar (08-22 December, 2019)	Invited Speaker
3.	Bhattacharya, Atanu	English Language Teaching; New Avenues in English Studies	Department of English, MK Bhavnagar University, Bhavnagar, Gujarat (25-27 January, 2020)	Invited Speaker
4.	Chaudhry, Ishmeet Kaur	Panel "Legacy of Partition" and Book launch of Black November: Writings on the Sikh Massacres of 1984 and the Aftermath	Hyderabad Literary Festival 24-26 Jan, 2020	Invited Speaker
5.	Chaudhry, Ishmeet Kaur	Talk and Panel Discussion on Black November: Writings on the Sikh Massacres of 1984 and the Aftermath	An Evening with Punjabi Women Authors! EduSikh and Kitabkhana, Mumbai 23 Dec, 2019	Invited Speaker
6.	Chaudhry, Ishmeet Kaur	"Black November"	Special Lecture on Book, IIM Bangalore 4 Feb, 2020	Invited Speaker
7.	Chaudhry, Ishmeet Kaur	Literary Representation and Forms of Writing on 1984 Anti-Sikh Massacre	Lyallpur Khalsa College for Women, Jalandhar 28 Feb, 2020	Invited Speaker

8.	Chaudhry, Ishmeet Kaur	Dialogue on “Black November”	Punjab Sahitya Academy, Chandigarh. 29 <sup>th</sup> Feb, 2020	Invited Speaker
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**Participation in academic activities such as seminar/conference, etc. other than paper presentation (e.g., session chair, seminar organizer, etc.)**

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1.	Bhattacharya, Atanu	Interfaith Dialogue, Communal Harmony and National Integration (School-level Seminar in collaboration with SNSS and SIS)	5 <sup>th</sup> -6 <sup>th</sup> November, 2019	Conference Organizer
2.	Chotai, Dhara, K.	National Workshop organized by Forum on Contemporary Theory on ‘Performance Theories from and about the Global South: Space and Body, Cultural Politics and Resistance’	September 12-14, 2019	participant
3.	Chotai, Dhara, K.	Theatre Workshop, organized by Darpana Academy of Performing Arts, Darpana, Ahmedabad,	October 14, 2019	participant

**Research projects undertaken**

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1.	Bhattacharya, Atanu (PI)	‘Mobile Technologies and Everyday Practices: An exploratory study for teaching-learning of English in Gujarat’	British Council, India	276,000 INR	Completed (March 2019-March 2020)

2.	Bhattacharya, Atanu (Co-I) [With Hiradhar, P. – PI]	‘Science Fiction (SF) and the Techno-urban Imaginary: Science, City, and SF Narratives in Colonial India’	Research Grants Council, Hong Kong, China SAR	685,000 HKD (* the funds are not meant for Co-I)	Ongoing
3.	Chaudhry, Ishmeet Kaur	Translation/Transcreation of “Asa Ki Vaar”	Sikh Research Institute (SIKHRI), USA	Rs. 1.5 lac	Completed

### Extension, outreach and other similar activities

The students of Centre for English Studies in collaboration with students of School of Library and Information Science engaged with the students of the Govt. Primary School No.1, Sec 29, Gandhinagar, under the School Adoption Programme. The school received a library kit from Pratham Books in Oct, 2019. The University students met the school students for reading sessions and related activities on weekly basis during the Winter Semester, 2020 under the supervision of Dr Ishmeet Kaur Chaudhry, the Co-ordinator for this programme.

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

#### Prof. Atanu Bhattacharya

- Dean, School of Language, Literature and Culture Studies
- Dean (I/c), School of Library and Information Science
- Chairperson, Centre for English Studies

#### Dr. Ishmeet Kaur Chaudhry

- Coordinator, School Adoption programme
- Coordinator, WSEP Programme

#### Ms. Anupama A.

- Student Advisor for the MA program, 2019-20



# 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. Its courses are designed to familiarize students with the culture and society of the past and present German speaking world through a rigorous training of writing, reading, comprehension and skills in German language. Allied courses are also offered to students for nurturing their interests in interdisciplinary research areas like translation studies, culture studies, literary theory, etc. The Centre emphasizes student-centric interactive learning which gives students a space for personal development.

## The Centres offers following programmes of studies:

- 1) B.A. (Hons.) in German Studies
- 2) M.A. in German Studies
- 3) Ph.D. in German Studies (form the AY 2020-21)

## Guest lectures in the Centre/School

S.N.	Name of the lecture	Name of the speaker	Date
1.	What is Cross-Cultural Communicative Competence?	Prof. V. Ganeshan	February 17, 2020
2.	Die deutsche Wiedervereinigung	Prof. V. Ganeshan	February 17, 2020
3.	Present Socio-Political Situation in Germany – Comparisons with India.	Prof. V. Ganeshan	February 17, 2020
4.	German Language: A Window for International Professional Careers.	Prof. V. Ganeshan	February 17, 2020
5.	Singend Deutsch lernen macht Spass!	Prof. V. Ganeshan	February 18, 2020
6.	Bertolt Brechts Gedicht „Fragen eines lesenden Arbeiters“	Prof. V. Ganeshan	February 18, 2020
7.	Was ist Grammatik Und wie lernt man sie?	Prof. V. Ganeshan	February 18, 2020
8.	Facing an Interview for a Job – Relevant and Useful Strategies	Prof. V. Ganeshan	February 18, 2020
9.	Translation and Interpretation – What is the Difference?	Prof. V. Ganeshan	February 19, 2020
10.	Schillers Gedicht „Der Handschuh“	Prof. V. Ganeshan	February 19, 2020

11.	Why is Germany so Fascinating?	Prof. V. Ganeshan	February 19, 2020
12.	Useful Strategies for Learning German	Prof. V. Ganeshan	February 19, 2020

### Faculty Profile

**Dr. Roshan Lal Jahel**, Assistant professor and coordinator  
Areas of interest: German Literature, DaF and German Cinema.

**Dr. Vinai Kumar Donthula**, Assistant professor  
Areas of interest: Translation, Linguistics, Cultural Studies and DaF

**Dr. Anushka Gokhale**, Assistant professor  
Areas of interest: Indo-German Relations, Popular Fiction and social history of Germany

**Ms. Jaspreet Kaur Layal**, Assistant professor  
Areas of interest: Literary translation of German Children's and Juvenile Literature; Film adaptations of Children's and Juvenile Literature; Subtitling and dubbing

### Books published as author

Sr. no.	Name/s of the author in the order they appear in publication	Title of the book	Month/year of publication/ name of the publisher and place
1.	Dr. Donthula Vinai Kumar	German – Telugu Proverbs Glossary	2019. Synergy Books India, New Delhi.

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/ conference/workshop	Organizing body and place	Date/s of the programme
1.	Dr. Donthula Vinai Kumar	Politics in Translation	Translation and Power	University of Rzeszow, Poland	9-10 July, 2019.
2.	Layal, Jaspreet Kaur	Applied Theatre in Language Learning	The Art(s) of/in Foreign Language Teaching.	O. P. Jindal Global University, Sonipat	6 <sup>th</sup> -7 <sup>th</sup> of December, 2019

			(1st International Conference on Foreign Language Teaching.)		
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### Talks of academic nature at recognized institutions other than seminar/conference, etc.

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1.	Dr. Donthula Vinai Kumar	Translation	Lecture Series, Dept. of German Studies, BHU March 4, 2020	M.A and Research Students
2.	Dr. Donthula Vinai Kumar	Multilingual Communication	Lecture Series, Dept. of German Studies, BHU March 5, 2020	M.A and Research Students
3.	Dr. Donthula Vinai Kumar	Film Studies	Lecture Series, Dept. of German Studies, BHU March 6, 2020	M.A and Research Students

### Participation in training/ orientation/refresher programme:

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1.	Dr. Donthula Vinai Kumar	Refresher Course in Foreign Languages, JNU, New Delhi	17 <sup>th</sup> February 2020 to 29 <sup>th</sup> February 2020	Participant

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

#### Dr. D. Vinai Kumar:

Member of the Executive Council, CUG and Nodal Officer, AISHE

#### Dr. Roshan Lal Jahel:

Coordinator of the Centre and Assistant Proctor

# Centre for Gujarati Language and Literature

## About the Centre

The Centre for Gujarati Language and Literature has a M.A. and Integrated M.Phil-PhD programme in Gujarati. The M.A. is a 4-semesters (2-year) programme. The programmes along with Core courses on Gujarati language and literature will also include various inter-disciplinary optional courses. The programme intends to impart comprehensive skills and knowledge of not only Gujarati language and literature but also interdisciplinary insights into folk literature, cultural studies, film and literature and comparative literary studies. The School of Language, Literature and Culture Studies (SLLCS), of which the Centre is a part, organises workshops, seminars and special lectures every year which will greatly benefit the students of the Centre in expanding their area of studies in a global world.

## Faculty profile

**Dr. Ajaysinh Chauhan**, Associate professor

Areas of Interest : Postmodern Gujarati Literature, Indigenous literature

**Dr. Vijeta Gamit**, Guest Faculty

Areas of Interest : Medieval Literature , Diasporic Literature, Research Methodology

**Dr. Maulika Patel**, Guest Faculty

Areas of Interest: Gujarati Narratology and Literary Criticism , Indian and Western Poetics

**Dr. Hetal Hingu**, Guest Faculty

Areas of Interest: Drama, Literature and Cinema, Research Methodology

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1	Dr. Patel Maulika	"Kanayalal M.Munshi ni Navalkathama Rastriya Admits"	Sahityasetu UGC Approved	Jan-Feb,2020 Issue 55 Years-10 PP No. 1/4414 Group-B 175

2	Hingu Hetal	Digdarshkoni Drushti ae Cinema	Ayudh	October 2019, Volume-1, Issue-53
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### Papers published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
01	Dr.Patel Maulika	"Gujarati Daily Upnyas"	Daily Upnyashoki Viaechariky	2019,Maya Prakashan,Kanpur. Publisher-Dr.N.S.Parmar Dept. Hindi, M. S. University

### Books published as author

Sr. no.	Name/s of the author in the order they appear in publication	Title of the book	Month/year of publication/ name of the publisher and place
1.	Gamit Vijeta	Diasporic Navalkathakar Balvant Nayak	Literary Criticism Ayudh Publication Bhavnagar
2.	Gamit Vijeta	Vinesh Antanini Navalkathaoma Pranaybhav	Literary Criticism Ayudh Publication Bhavnagar
3.	Gamit Vijeta	Gamit Ukhana (Gujarati Bhavarth Sathe)	Edited Book Ayudh Publication Bhavnagar
4.	Hingu Hetal	Vinesh Antanini Navalkathaoma Pranaybhav	Literary Criticism Ayudh Publication Bhavnagar
5.	Hingu Hetal	Gujarati Cinemano Itihas Ane Sahityakrutiao	2020, Ayudh publication, Bhavnagar

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Dr. Vijeta Gamit	Diasporic Navalakathakar Balavant Nayak	Diaspora Governance in international relations: a poor future & Challenges For India	Central university of Gujarat Gandhinagar	February 10-11 2020
2.	Dr. Patel Maulika	Flemingo Vartama Diaspora Ane Stree Samvedna	Diaspora Governance in international relations: a poor future & Challenges For India	Central university of Gujarat Gandhinagar	February 10-11 2020
3.	Hingu Hetal	Paradies Film ma Gujarati Sahitya Ane Sanskarni Asar	Diaspora Governance in International Relations: Opportunities and Challenges	Central University of Gujarat, Gandhinagar	February 10-11 2020

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Dr. Vijeta Gamit	Valamanama Gramya Samaj	Hindi, Gujarati or Rajasthani Katha Sahitya me Samajik Vimarch	Hindi sahitya Academy Gandhinagar evam Shree Krishna Parnami Arts College Dahod.	February 8.2020
2.	Dr. Vijeta Gamit	Baal Sahityano Monovigyan sathe sanbandh	Early Childhood Care and Development	Children University Gandhinagar NCP&SSUN	22 <sup>nd</sup> & 23 <sup>rd</sup> Nov. 2019
3.	Dr. Vijeta Gamit	Lokpriyata ane Samuh Madhyamo	Literature & Popularity	Gujarat Arts & Science College Ahmedabad.	19 <sup>th</sup> Oct. 2019

4.	Dr. Vijeta Gamit	19mi sadina utrardhnu gujarati pravassahitya : ek zalak	Pravas Sahity	Arts College Bechraji	7 <sup>th</sup> March 2020
5.	Dr.Patel Maulika	“ 'Jadiyu' Kunthagrust Chi nu Alekhan”	“Dr.Harshad Trivedi Prasanney:Vyaktitva and Vangmaya”	Department of Gujarati, University of Mumbai & Kumar Arts Foundation Gujarat.	7 <sup>th</sup> July 2019
6.	Dr.Patel Maulika	“ 'Aothar': lokpriyata Na Tattoo”	Literature & Popularity	Gujarat Arts & Science College Ahmedabad.	19 <sup>th</sup> Oct. 2019
7.	Dr.Patel Maulika	“Vadamna ma Hramchetna”	“Munshi Premchand evm Pannalal Patel ke Upnyasome Hramchetna”	SMT.M.F.Dani Arts college Malvan	27 <sup>th</sup> Jan. 2020
8.	Dr.Patel Maulika	“ ' Shosh' Navalkthama Samaj ni Chhabi”	Hindi,Gujarati or Rajasthani Katha Sahity me Samajik Vimarch	Shree Krishna Parnami Arts College Dahod.	8 <sup>th</sup> Feb.2020
9.	Dr.Patel Maulika	“ Mahananda : Katha And Film”	“Purvanubandh”	Dept.of Gujarti Basha Sahity Bhavan,Gujarat University, Ahmedabad.	3 <sup>th</sup> March 2020
10.	Dr.Patel Maulika	“Govind Guru Ane Adivasio ma Samajik Parivartan”	“ Govind Guru Sir Tatakalin Samaj”	Arts College,Limkheda & Gujarat Sahity Academy, Gandhinagar	4 <sup>th</sup> March 2020
11.	Dr.Patel Maulika	Gujarati Pravas Sahity ma Parshi Sarjako nu Pradan(1850- 1900)	Pravas Sahity	Arts College Bechraji	7 <sup>th</sup> March 2020

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1.	Hingu Hetal	Sahitya Ane Cinema	Parishilan 10/01/2020 Gujarati Bhasha -sahitya Bhavan Maharaja Krushnkumarsinhji University, Bhavnagar	Expert Faculty
2.	Hingu Hetal	Interactive Session And Activity	International Women's Day, March 8, 2020 Central University of Gujarat	Expert Faculty

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

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1.	Patel Maulika	"Lok Sahitya ma Sansrutik- Samajik Chetan"	23th Dec.2019 Zaverchan Meghani LokSahity Kendra, Rajkot	Chairperson of Forth Sessions in Paper Presentation & My Paper Presentation Title: " Loksahity na Padhya Prakaro"
2.	Patel Maulika	"Aeristotal ni Kavya Vicharna"	15 <sup>th</sup> Feb.2020 Shree K.R.Desai Arts & Commerce College,Jhalod	Visiting lecturer
3.	Patel Maulika	" Sanshodhanni Samjata"	12 <sup>th</sup> Oct.2019 Gujarat Vishvkosh Trust Organisation in Granthalay and Mahitivighnan	Workshop Participants
4.	Patel Maulika	"Paschyatya Sahityamimansha"	17 <sup>th</sup> Dec.2019 S.P.University Anusnatak Gujarati Vibhag	National seminar Participants
5.	Hingu Hetal	Film Production & Management focusing on tourism at AMA	25/08/2019 to 14/10/2019	Participant and submit the film



## Centre for Studies in Hindi

Centre for Studies in Hindi was established in 2011. In keeping with the needs of present nature of employment across different institutions the course has been accordingly designed. Therefore the curriculum offers inter-disciplinary approach to literature and Language by involving studies on women, Dalit, Adivasi, Minority and the margin. This is further examined through the lenses of different theoretical positions, Comparative approaches, Translation studies, Media studies and Modern and Postmodern formulations. The Centre also conducts conferences, seminars, workshops both at national and international level in order to address the Centre's present objective. Both students and teachers are involved into publishing papers/books/articles in various research journals as well as participating in International/National conferences and seminars. This enables contribution to the larger discourse in Hindi Literature and Language.

### Programmes offered

M.A. in Hindi.  
M.Phil. in Hindi.  
Ph.D. in Hindi.

### Guest lectures in the Centre

Sr. No.	Date	Title of the lecture	Details of the lecture
1.	14-02-2020	Ritikaleen Kavya Ka Samajik Sandarbh	Prof. Ramdeo Shukla, Gorakhpur
2.	28-01-2020	Jay Verma Ki Rachna Prakriya	Jay Verma, Great Britain
3.	19-11-2019	Pravasi Hindi Lekhan	Usharaje Saxena, Great Britain
4	31-07-2019	Uzbekistan Mein Premchand Ke Krititva Ka Adhyayan Aur Anuvad	Dr. Ulfat Mukhivova, Uzbekistan

### Faculty profile

**Prof. Alok Kumar Gupta**, Professor and Chairperson

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

**Prof. Sanjeev Kumar Dubey**, Professor

Areas of interest: Study of contemporary Hindi Short stories, Novels and Poetry in special context of Communalism and Marginal Society, Functional Hindi and Hindi Journalism.

**Dr. Kingson Singh Patel**, Assistant Professor

Areas of interest: Stree, Dalit, Adivasi Vimarsh, Katha Sahitya and Anuvad Sahitya

**Dr. Pramod Kumar Tiwari**, Assistant Professor

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

**Dr. Gajendra Kumar Meena**, Assistant Professor

Areas of interest: Adhunik Hindi Kavita, Adivasi Sahitya and Dalit sahitya

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1.	Gupta, Alok Kumar	Sant sahitya ki gujarati parampara aur mahaamati ka chintan sandrbh	Jagane	November, 2019
2.	Gupta, Alok Kumar	Bhartiya chintan me anuvaad	Samkaalin bhartiya sahitya	Jan-February 2020, ank 207
3.	Patel, Kingson Singh	Narivad ke Purva ka Stree Kendrit Chintan	Vitasta	Ank 44, Year 2018-19
4.	Patel, Kingson Singh	Gujarat-Rajsthan Simavarti kshetron ke Adivasi Prem Geet	Aadilok	Ank 1, Year 12, Jan.-Feb. 2020
5.	Tiwari, Pramod Kumar	Jeevan Yatharth Ki Duniya: Dehati Duniya	Samved	Nov. 2019
6.	Meena Gajendra Kumar	Smriti Men Ankit Adivasi Sandarbhyukta Rachanayen	Aajkal Patrika, Prakashan vibhag, New Delhi	January 2020
7.	Meena Gajendra Kumar	Rajasthan kee Janjatiyan	Aadilok	January-February 2020 Year- 12 Volume-1

### Papers published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1.	Dubey Sanjeev Kumar	Sinema ko kitab ki tarah padh ke dekhiye	Chitrapat-Shabdpat Ed. Alok Pandey	Milind Prakashan, Hyderabad, 2019

2	Patel, Kingson Singh	Stree Adikaron Ka Sangharsh: Bhartiya Sandarbh	Stree Duniya: samsamyik Sarokar	2019, Svaraj Prakashan, Delhi
3	Patel, Kingson Singh	Pravasiyon ke Pahchan Ka sankat Vaya 'Antervanshi'	Pravasi Sahity Aur Bhartiya Sanskriti	2019, Academic Publishing Network, Delhi

### Books published as author

Sr. no.	Name/s of the author in the order they appear in publication	Title of the book	Month/year of publication/ name of the publisher and place
1	Gupta, Alok Kumar	Hindi-Gujarati ke setu mahaaveer singh chauhan (sampaadit)	September 2019, Gurjar bharti gandhinagar
2	Patel, Kingson Singh	Narivadi Aalochana	2020, Anyanya Prakashan, Delhi

### Other Publications (Magazines, Newspapers, web portals)

Sr. no.	Name/s of the author in the order they appear in publication	Title	Month/year of publication/ name of the publisher and place
1.	Patel, Kingson Singh	Vivah Ka Antha Visphot (Translation)	May 2019, Sablog, Delhi
2.	Tiwari, Pramod Kumar	Parivaarvaad aur Bhasha	April/2019/ Garbhnaal, Bhopal
3.	Tiwari, Pramod Kumar	Bhashaon Ka Parivaarvaad aur Hindi	May/2019/ Garbhnaal, Bhopal
4.	Tiwari, Pramod Kumar	Hindu, Hind, Hindi Aur Nadi Sanskriti	June/2019/ Garbhnaal, Bhopal
5.	Tiwari, Pramod Kumar	Hindi Ke Paas Na Lok Hai Na Shashtra	July/2019/ Garbhnaal, Bhopal
6.	Tiwari, Pramod Kumar	Bhashaon Ka Naslvaad aur 8vin Anusuchi	August/2019/ Garbhnaal, Bhopal
7.	Tiwari, Pramod Kumar	Lekhan Me Ko Kako Gusainyan	September/2019/ Garbhnaal, Bhopal
8.	Tiwari, Pramod Kumar	Hindi Ke Antarvirodh-1	October/2019/ Garbhnaal, Bhopal

9.	Tiwari, Pramod Kumar	Hindi Ke Antarvirodh-2	December/2019/ Garbhnaal, Bhopal
10.	Tiwari, Pramod Kumar	Hindi Ke Antarvirodh-3	January/2020/ Garbhnaal, Bhopal
11.	Tiwari, Pramod Kumar	Hindi Ke Antarvirodh-4	February/2020/ Garbhnaal, Bhopal
12.	Tiwari, Pramod Kumar	Maukhik Duniya Banam Likhit Duniya	March/2020/ Garbhnaal, Bhopal

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Dubey Sanjeev Kumar	Swastya, Krishi evam shiksha me Hindi Patrakarita ki Bhumika	Tribal Communication: Myths, Metaphors and Reality	IGNTU, Amarkantak, MP	05-06 April 2019
2.	Dubey Sanjeev Kumar	Hindi Ka Prawasi Katha Sahitya; Pramukh Pravrittiyan	Mapping Indian Diaspora	SIES College of Arts, Science And Commerce	13-14 December 2019
3.	Patel, Kingson Singh	Vikas Aur Shanti Ke Sandarbh men Gandhi Ki Prasangita	Gandhi, Conflict Resolution and Peace: Emerging Dynamics in Twenty-First Century	Central University Of Gujarat, Gandhinagar	30 Sep.- 2Oct. 2019
4.	Patel, Kingson Singh	Rukogi Nahi Radhika Ke Bahane Pravasi Stree Ka Sanskritik Dvand	Diaspora Governance in International Relations: Opportunities and Challenges for India	Central University Of Gujarat, Gandhinagar	10-11 Feb.2010
5.	Tiwari, Pramod Kumar	Yuva Hindi Kavita	Tagore International Literature & Art Festival: Vishwarang	Tagore University, Bhopal, Bharat Bhavan, M.P. Tourism	7-10 November 2019

6.	Meena Gajendra Kumar	Unneesaveen Sadee Ke Uttararddha ka Hindi Yatra Vrittant avam Anya Gadya Vidhayen	19veen Sadee Ke Uttararddha ka Gujarati-Hindi Pravas Sahitya	Govt. Arts College, Becharajee Collaboration with Gujarat Sahitya, Academy, Gandhinagar at Becharajee	07 March 2020
7.	Meena Gajendra Kumar	Hindi Sahitya Etihaaskaron kee Drishti men Soofi	Sindhi-Hindi Ka Soofi Sahitya	Sindhi Bhasha Evam Sahitya Kendra, CUG & Sindhi Sahitya Academy, Gandhinagar	05-06 March 2020
8.	Meena Gajendra Kumar	Nishkasan ko padhte Huye	Anil Sahgal ke kavya Sangrah Nishkasan ka Lokarpan sah Kriti Charcha	Hindi Deptt., Gujarat University and ASMITA (Mahila Bahubhashi Sahityik Manch) at Bhasha Bhavan, Ahmedabad	03 January 2020
9.	Meena Gajendra Kumar	Aadivasi Upanyason kee Hindi Bhasha	Samprat Samay Men Vividh Kshetron Men Hindi Bhasha-Sahitya Ka Anuprayog	Hindi Bhavan, Maharaj Krishnkumarsinghjee Vishvavidyalay, Bhavnagar at Bhavnagar	12-13 September 2019

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Gupta, Alok Kumar	Anuvad Me Hindi Ka Anuprayog	Samprat Samay Me Vibhinn Kshetro Me Hindi Bhashaa-Sahitya Ka Anuprayog	Hindi Vibhag, Bhavnagar University, Bhavnagar	12-13 September, 2019

2.	Gupta, Alok Kumar	Svaatantyottar Hinde-Gujarati Kavita Me Gandhi	Hindi Sahitya Me Vyakt Gandhi	Hindi Vibhag, Gujarat Vidhyapith, Ahmedabad	19-20 December, 2019
3.	Gupta, Alok Kumar	Gujarat Ki Hindi Patrakaarita	(Media writing) Maadhyam Lekhan Parisanvaad	Hindi Sahitya Parisad, Ahmedabad	28 January, 2020
4.	Gupta, Alok Kumar	Mediaeval Hindi – Gujarati Poetry And Communal Harmony	Inter Faith Dialogue, Communal Harmony And National Integration	SIS, CUG	5-6 November, 2019
5.	Gupta, Alok Kumar	Bhartiya Sahitya Gujarat	Bhartiya Bhasha Mahotsav-2020	Uttar Pradesh Bhasha Sansthan, Lucknow	22-24 February, 2020
6.	Gupta, Alok Kumar	Anuvad Aur Sanskrutik Parmpara	Anuvad Kala Sanskrutik Dayitva	Sahitya Akademi, Delhi	28 February, 2020
7.	Dubey Sanjeev Kumar	Hindi kahaniyon me Gandhi ki smriti aur upasthiti	Gandhi aur 1980 ke Baad ka Hindi-Gujarati Sahitya	Sahitya Akademi and Central University of Gujarat	10-11 May 2019
8.	Dubey Sanjeev Kumar	Sultan Ahemad ki Kavitaon me pratirodh	Sultan Ahemad ka Rachana Karma	Darshak Foundation, Ahmedabad	20 July 2019
9.	Dubey Sanjeev Kumar	Hindi Katha me Sahitya Gandhi	Hindi Sahitya par Mahatma Gandhi ka Prabhav	Kendriya Hindi Sansthan, Agra, UP	23-24 October, 2019
10.	Dubey Sanjeev Kumar	Sarva Dharma Samanvay me Mahamti Prannath ka yogdaan	Interfaith Dialogue and Communal Harmony	NFCH & CUG	05-06 November, 2019
11.	Dubey Sanjeev Kumar	Hindi Kavyarth Vivechan	Kavyarth Vivechan ki Bhartiya Parampara	Gujarat University	10 January, 2020
12.	Dubey Sanjeev Kumar	Hindi Ki Rojagaronmukhta	Prayojanmulak Hindi aur Electronic Media ke Anuprayog	Gujarat University	27 February 2020

13.	Patel, Kingson Singh	Kavyarth Vivechan ki Bhartiya Parmpara: Samrth avam Prasangita	Kavyarth Vivechan ki Bhartiya Parmpara: Samrth avam Prasangita	Gujarat University, Ahmadabad	10 January 2020
14.	Tiwari, Pramod Kumar	Anuvaad Ki Bhumika	Anuvaad Karyashala	Sahitya Akademi, Gandhinagar	14-15 March 2020
15	Tiwari, Pramod Kumar	Sindi Sahitya aur Soofi Sangeet	Sindhi-Hindi Ka Soofi Sahitya	Sindhi Bhasha Evam Sahitya Kendra, CUG &	05-06 March 2020
16	Tiwari, Pramod Kumar	Sahityeter Anuvaad	Vartamaan Samay Mein Anuvad Ki Prasangikta	Hindi Dept., Gujarat University	05 March 2020
17	Tiwari, Pramod Kumar	Hindi ka Vartaman	Rajbhasha Ka Itihas, Vartman aur Bhavishya Ki Chunautiyan	Hindi Dept., Satyavati College	11 February 2020
18	Tiwari, Pramod Kumar	Machini Shiksha Banam Manviya Shiksha aur Gandhi	Gandhi : Society, Politics and Philosophy	Hindi Dept., ARSD College	23-24 January 2020
19	Meena, Gajendra Kumar	Bhakti Sahitya aur Dalit Sandarbh	Bhakti Sahitya Ke Adhyayan kee Nayi Dishayen	Kendriya Hindi Sansthan, Agra & Centre for Hindi Studies, CUG, Gandhinagar, Gujarat	7-8 February 2019
20	Meena, Gajendra Kumar	Gujarat Men Hindi Shodh: Sthiti avam Sambhavna	Gujarat Men Hindi Shodh: Sthiti avam Sambhavna	Hindi Sahitya Academy, Gandhinagar & Centre for Hindi Studies, CUG, Gandhinagar, Gujarat	28-29 December 2018

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

Sr. no.	Name/s of the author in the order they appear	Theme of the Lecture/conference/workshop	Organizing body and place	Date/s of the programme
1	Gupta, Alok Kumar	Rajbhasha Hindi Ka Mahatv Atithi Vishesh	N.S.S. Patel College, Anand, Hindi Divas Samaaroh,	14 September, 2019
2	Gupta, Alok Kumar	Kavyarth Vivechan Ki Parmpara Samrthya Aur Prasangikta (Satra Adhyaksh)	Hindi Dept. Gujarat University,	10 January, 2020
3	Gupta, Alok Kumar	Relevance Of Educational Thoughts Of Pandit Madan Mohan Malviya In Indian Context (Guest Of Honour)	School of Education, CUG, Gandhinagar	7 February, 2020
4	Gupta, Alok Kumar	3 <sup>rd</sup> International Conference Chair- Valedictory Session	Centre For Diaspora Studies, CUG-	10-11 February, 2020
5	Gupta, Alok Kumar	Sindhi Aur Hindi Ka Sufi Sahitya Vishesh Atithi	Sindhi Bhasha Evm Sahitya Kendra,	5 March, 2020
6.	Dubey Sanjeev Kumar	Hindi ka Vishwa aur Vishwa me Hindi As Chief Guest	Inaugurated Hindi Pakhwada, at IGNTU, Amarkantak, MP	1 September 2019
7.	Dubey Sanjeev Kumar	Rajbhasha Hindi ki nayi Chunautiyan As Chief Guest	On the occasion of Hindi Diwas at Canara Bank Regional Office, Ahmedabad	17 September 2019
8.	Dubey Sanjeev Kumar	Hindi Sine-Geeton me Jansamvedana aur Sarokar (Invited Distinguished	Central Institute of Himalayan Culture Studies, Arunachal Pradesh	16 January, .2020



		lecture in Prestigious Lecture Series)		
9.	Dubey Sanjeev Kumar	Hindi Kahani ki Nayee Sadi ka Yuva Paridrishya (As a resource person)	Refresher Course at Calicut University, Calicut, Keral	25 February, 2020
10.	Tiwari, Pramod Kumar	Workshop (Participant)	Anuvad Karyashala, by Gujarat Sahitya Academy at Gandhinagar	14-15 March 2020
11.	Meena Gajendra Kumar	International Seminar (Participant)	Diaspora Governance in International Relation: Opportunities and challenges for India,	10-11 Feb. 2020
12.	Meena Gajendra Kumar	Workshop (Participant)	Anuvad Karyashala, by Gujarat Sahitya Academy at Gandhinagar	14-15 March 2020

#### Participation in training/ orientation/refresher programme

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1.	Meena Gajendra Kumar	Refresher Course in Languages	04-11-2019 to 17-11-2019	Participant

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

Sr. no.	Name	Details of the award/prize, etc. with date
1.	Gupta, Alok Kumar	Sahitya Gaurav Puraskar 2018- Hindi Sahitya, Gujarat Rajya Akadami, 29.01.2020

#### Research student/s guided

Sr. no.	Name	Nature of programme, whether M.Phil/Ph.D.	No. of students guided
1	Gupta Alok Kumar	M.Phil/Ph.D.	1+2
2	Dubey Sanjeev Kumar	M.Phil and Ph.D.	02+01

3	Patel, Kingson Singh	M.Phil/Ph.D.	1
4	Tiwari, Pramod Kumar	M.Phil.	2+1
5	Meena Gajendra Kumar	M.Phil.	1

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

#### Prof. Alok Gupta

- Registrar (Offg.)
- Member, Academic Council
- Chairperson, Centre for Hindi Studies
- Chairperson, RajBhasha Karyanvayan Samiti
- Member, Planning and Monitoring Board
- Member, Library Committee

#### Prof. Sanjeev Kumar Dubey

- Controller of Examinations
- Chairperson, Admission Committee and Nodal Officer, CUCET-2019
- Honorary Director, Centre for Sindhi Language and Literature
- Chairperson, Ordinance and Statutes Committee.

#### Dr. Kingson Singh Patel

- Member of ICT Committee.
- Member of Remedial Coaching Cell Committee.

#### Dr. Pramod Kumar Tiwari

- School Board, Member, School for language, literature and Cultural Studies, CUG, Gandhinagar.
- Centre Board, Member, Centre for studies in Hindi, CUG, Gandhinagar.
- Member, Annual Report Committee, CUG, Gandhinagar
- Member, Grievance Redressal committee in Central University of Gujarat, Gandhinagar.
- Member, Cultural Committee, Annual Cultural Activities 2018-19, Member, CUG, Gandhinagar
- Member of the Cultural committee and Kulgeet Committee.
- Coordinator of organizing committee Hindi Week 2019.

#### Dr. Gajendra Kumar Meena

- Member of Centre Board of Centre for Hindi Studies.
- Member of Earn While Learn You Scheme Committee.
- Member of Zero Semester Committee.
- Member of the Grievances related to cast and category based discrimination committee.
- Member of Committee for preparation of annual report 2018-19

- Coordinator of Saral Hindi Pathyakram, Centre for CUG, Gandhinagar. Course offered by Hindustani Prachar Sabha, Mumbai.
- Coordinator of organizing committee Hindi Week 2019

## Centre for Sindhi Language and Literature

The Centre for Sindhi Language and Literature (CSLL) has been established at Central University of Gujarat (CUG), Gandhinagar with the financial support of National Council for Promotion of Sindhi Language (NCPSL), New Delhi.

During the year 2019-20, following activities were undertaken by the Centre for Sindhi Language and Literature:

The Centre for Sindhi Language and Literature purchased the books dated 09th May 2019. The books will be used by all those students taking admission in the Certificate course in Sindhi Language offered by Centre for Sindhi Language and Literature. Further, the Centre has received books from Sindhi Sahitya Academy, Gandhinagar of Sindhi Sahitya Academy Publication as a gift to the Centre so the students of CUG and Professor can refer the books for research in Sindhi language.

The Centre has started offering a certificate course in Sindhi language and literature according to the mandated activities mentioned in the Memorandum of Understanding (MOU). The course is started in the university from 25th July 2019. The minimum eligibility criteria for this course is 12th pass in any subject. The duration of the Course is three months. The course fee is Rs. 100/- (One Hundred Rupees Only). The Centre has received 29 applications from the candidates at the time of registration in accordance with pursuing the course.

The Centre organized the 'Elocution competition and Guest Lecture' with a view to commemorate the National Education Day to be celebrated as Birth Anniversary of Maulana Abul Kalam Azad on 11<sup>th</sup> November 2019. Sixty participants took part in the elocution competition and presented their speech on the topic of 'Education in Mother Tongue'. The winners of the competition were awarded with the prizes and certificates. Two guest lectures and elocution competition were organized by the Centre for celebrating the program. This program proved to be a grand success and was greatly appreciated by all the participants, guest speakers and others attending the program.

The meeting of Local Advisory Committee was organised by the Centre dated 15.11.2019. The following members were present in the meeting:

- a) Mr. Vasdev Mohi, Member, Ahmedabad
- b) Ms. Renu Talreja, Member, Valsad
- c) Mr. Mukesh Lakhmani, Member, Adipur
- d) Dr. Ravi Prakash Tekchandani, Member, Delhi
- e) Dr. Nirmala Wadhvani, Special invitee, Ahmedabad

The Centre organised Ten elocution/ poetry competitions in collaboration with supporting Educational Institutions at different cities of Gujarat where remarkable number of Sindhi students are studying to

propagate and promote Sindhi language & to make Sindhi Language popular among school/ college students so the students of Sindhi speaking community are encouraged to use their mother tongue.

More than 500 students took part in these competitions which has become a great grand success of the Centre. It is our privilege that Prof. Rama Shanker Dubey, the Hon'ble Vice Chancellor, Central University of Gujarat, Gandhinagar gave their valuable presence and attended the program at Sadhu Vaswani School, Ahmedabad and Tolani College of Arts & Science, Adipur. Experts were invited to attend and judge the competitions. Apart from these various other people from all over Gujarat attended these programs.

### Ten Elocution/ Poetry Competitions were organised at the following institutions:

Sr No.	Name of Educational Institutions	City	Competition	Date of competition
1	Sadhu Vaswani School	Ahmedabad	Elocution and Poetry	07.12.2019
2	Bai Avabai High School	Valsad	Elocution	15.01.2020
3	Tolani College of Arts & Science	Adipur	Elocution and Poetry	05.02.2020
4	Prembharti Hindi Vidyalaya	Surat	Elocution	11.02.2020
5	Swami Shanti Prakash Primary School	Rajkot	Elocution and Poetry	12.02.2020
6	Shri Ladharam School	Vadodara	Elocution and Poetry	15.03.2020

The Centre had organised essay writing competition on International Mother Language Day dated 21.02.2020 to promote the use of Mother Tongue. Forty students registered and participated in the essay writing competition on the topic of 'मातृभाषा का महत्त्व'. All the participants were awarded with the prizes and certificates.

The Centre organized two-day National Seminar on Sindhi and Hindi Sufi literature in collaboration with the National Council for Promotion of Sindhi Language, New Delhi and Gujarat Sahitya Academy, Gandhinagar dated 05-06 March 2020 at Central University of Gujarat, Gandhinagar. Academicians, Researchers, Scholars and Resource persons of Sindhi and Hindi were invited from all over India to participate in this seminar for paper presentation and discussion.

Resource person such as Prof. Manoj Kumar Singh, Hindi department, Banaras Hindu University, Varanasi, Prof. Harish Chandra Mishra, Visva Bharti University, West Bengal, Prof. Surendra Pratap Singh, Kashi Vidyapith, Varanasi, Prof. Umapati Dixit, Kendriya Hindi Sansthan, Agra, Dr. Mahadev Lohana, Kutch, Dr. Hundraj Balwani, Senior Sindhi Writer, Ahmedabad, Dr. Jetho Lalwani, Assistant Registrar, Sindhi Sahitya Academy, Gandhinagar, Dr. Hasso Dadlani, Retired HOD & Vice Principal, S.P.C. Government College, Ajmer, Mr. Vasdev Mohi, Senior Sindhi Writer, Ahmedabad, Dr. Kishore Vaswani, Ex NCPSL Director, Ahmedabad, Dr. Vimmi Sadarangani, Assistant Professor, Tolani college of Arts & Sciences, Adipur, Dr. Nirmala Asnani, Adipur, Dr. Sushil G Dharmani Principal, Tolani college of Arts & Sciences, Adipur, Dr. Dhanlaxmi Vatnani, Retired Professor, Gujarat Vidyapith, Ahmedabad, Dr. Pramod Kumar Tiwari, Assistant

Professor, CUG, Dr. Gajendra Kumar Meena, Assistant Professor, CUG and various other from all over India participated and attended the seminar.

More than 120 people participated and attended this seminar. All the participants were awarded with the Certificates. It is our privilege that the Hon'ble Vice-Chancellor of the University gave their presence in this seminar and showed keen interest for the development of this Centre. This seminar proved to be a grand success for Centre for Sindhi Language and Literature.

# School of Library and Information Science

## About the School

The School of Library and Information Science at the Central University of Gujarat offers programmes which are highly relevant in the present context of knowledge society. It was established with objectives to train competent human resource to build and maintain the reservoir of memory, to conserve and communicate culture, heritage, science, art, and folk tradition of the nation.

It offers programmes to prepare students in the application of ICT, to develop the skills for preservation of knowledge for use, to develop competent professionals for promoting access to the traditional and socially useful knowledge with a process of digitization and to involve in capacity building activities to create a Digital India at large.

## Programmes offered:

- Master of Library and Information Science (M. Lib. I. Sc.)
- Ph. D. in Library and Information Science

## Guest lectures in the School

Sr. no.	Name of the lecture	Name of the speaker	Date
01	Trends in Knowledge Organization	Prof. Bhaskar Mukherjee, Head, Department of Library and Information Science, Banaras Hindu University, Uttar Pradesh	5 <sup>th</sup> February 2020
02	Data Analysis using Statistical Methods and SPSS	Dr. Hansa Jain, SPISER, Ahmedabad	20 <sup>th</sup> – 21 <sup>st</sup> November 2019
03	Career prospects in library and information science	Prof. Pravakar Rath, Head, Department of Library and Information Science, Mizoram University	13 <sup>th</sup> September 2019
04	Disaster management in Libraries	Prof. Parul Zaveri, Head, SNTD, Department of Library and Information Science, Women's University, Mumbai	6 <sup>th</sup> September 2019
05	Academic Writing	Drs. Dr. Maria João Amante and Prof. Vasco Matos Trigo, ISCTE, Portugal	29 <sup>th</sup> and 30 <sup>th</sup> August 2019

## Faculty profile

**Dr. Bhakti Gala**, Assistant Professor & Coordinator

Research Interests: Digital Libraries, Information Literacy, Public Libraries, Metadata, Digital Scholarship, Open Content, Community Informatics.

**Dr. Minaxi Parmar**, Assistant Professor

Research Interests: Library and Information Management, Library Administration, Information Resources and Services, College Librarianship, Library Automation, Bibliometrics, Knowledge Processing.

**Dr. Rashmi Kumbar**, Assistant Professor

Research Interests: Information Literacy, Library & Information Management, Information Resources & Services, Research Methodology in Library & Information Science, Knowledge Management, School Librarianship, Children's Literature, Life Skills and Communication.

**Dr. Hiten Parmar**, Assistant Professor (Guest Faculty)

Research Interests: Knowledge Organisation: Classification, ICT in Libraries, Research Methodology in LIS, Professional Ethics, Information Consolidation and Repackaging

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1	Katagi, Sachin and Gala, Bhakti	Social tags of select books written by Mahatma Gandhi: A comparative study of Library Thing tags and OCLC Fast subject headings.	DESIDOC Journal of Library & Information Technology	February 2020; Vol. 40 Issue 01, pp. 382-387. <a href="https://doi.org/10.14429/djlit.40.01.15138">https://doi.org/10.14429/djlit.40.01.15138</a>
2	Potnis, Devendra and Gala, Bhakti	Best practices for conducting fieldwork with marginalized communities.	Information Processing and Management	November 2019; Vol. 57 Issue 03. <b><a href="https://doi.org/10.1016/j.ipm.2019.102144">https://doi.org/10.1016/j.ipm.2019.102144</a></b> Gold Open Access
3	Potnis, Devendra and Gala, Bhakti	Managing the “backend” of LIS research projects: A project management perspective.	Library & Information Science Research	January 2020. Vol. 42 Issue 01. <a href="https://doi.org/10.1016/j.lisr.2019.100996">https://doi.org/10.1016/j.lisr.2019.100996</a>



4	Shashikumara and Kumbar, Rashmi	P. C. Vaidya's contributions to mathematics and physics: A Bibliometric Analysis	Current Science	December 2019; Vol. 117 Issue 12, Pg. no. 1951-1957.
5	Chauhan, Ashish Kumar and Kumbar, Rashmi	Awareness About Public Library Resources in Rural Varanasi: A Study	Library Herald	December 2019; Vol 57 No 4, Pg. no. 448-458.

### Papers published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1	Potnis, Devendra and Gala, Bhakti	Proposing "Mobile, Finance, and Information" Toolkit for Financial Inclusion of the Poor in Developing Countries"	Information in Contemporary Society	April 2019. Switzerland: Springer Nature. pp. 228-235.
2	Manu, T R and Gala, Bhakti	Research data management lifecycle: An overview.	Trends, challenges and opportunities for LIS education and practice.	December 2019; New Delhi: Shree Publishers, pp. 235-243.
3	Gala, Bhakti	Blogs, Bloggers and Scholarly Publications.	Library and Information Science: Philosophy and Technology	August 2019. New Delhi: Shanti Prakashan. pp.204-226
4	Gala, Bhakti	Digital Scholarship: challenges and opportunities for academics and research libraries.	Future Libraries: Overcoming challenges.	September 2019. Ahmedabad: ADINET. pp. 9-17.

5	Manu, T. R., Parmar, Minaxi, Shashikumar, A.A., Asjola, Viral	Research information management system: a comparative study	Research data access and management in modern libraries	2019 New Delhi: IGI Global, pp. 54-80
6	Rohit, Rashmi Kumbar, KB Agadi	An Analysis of Research Publications of Central University of Gujarat: A Scientometric Review	Trends, Challenges and Opportunities for LIS Education and Practice (Festschrift Volume in Honour of Prof. Muttayya M. Koganuramath)	December 2019; Shree Publishers & Distributors; New Delhi
7	Parmar, Sagender Singh & Kumbar Rashmi	Open Educational Resources for School Education: A Compilation	Trends, Challenges and Opportunities for LIS Education and Practice (Festschrift Volume in Honour of Prof. Muttayya M. Koganuramath)	December 2019; Shree Publishers & Distributors; New Delhi

### Books published as author

Sr. no.	Name/s of the author in the order they appear in publication	Title of the book	Month/year of publication/ name of the publisher and place
1	Sanghamitra, Pradhan; Gala, Bhakti and Agrawal, Pawan, (Eds.)	Library and Information Science: Philosophy and Technology.	August 2019. New Delhi: Shanti Prakashan

### Other Publications (Magazines, Newspapers, web portals)

Sr. no.	Name/s of the author in the order they appear in publication	Title	Month/year of publication/ name of the publisher and place
1	Pichano Kikon and Bhakti Gala	Seminar on Archives, Libraries and Museum: Hub of Cultural Heritage Preservation	14 <sup>th</sup> December 2019. Nagaland Post, Nagaland.

2	Gala, Bhakti	Libraries, Archives and Museums: Hubs of Cultural Heritage Preservation	Inside ASIS&T February 2020
3	Kumbar, Rashmi	'ADINET Quarterly Seminar A Report' in ADINET Newsletter	Jan-Mar. 2020 ( <b>Vol. 27 No.1</b> ) Published by Advanced Information Network (ADINET), Ahmedabad. Editors: Ms. Rhoda Bharucha Ms. Sangita Bhatt

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1	Potnis, Devendra and Gala, Bhakti	Proposing "Mobile, Finance, and Information" Toolkit for Financial Inclusion of the Poor in Developing Countries".	14 <sup>th</sup> International conference 2019 on Information in Contemporary Society. LNCS 11420.	iSchools Organization, Washington DC, USA	31 March - 3 April 2019. Switzerland : Springer Nature, pp. 228-235.
2	Pallavi, Abhishek Kumar and Bhakti Gala	Topical coverage analysis of Library and information Science discipline's learning objects of ePG Pathshala with UGC-NET syllabus a study for future sustainability with emerging topics	12 <sup>th</sup> International Caliber on Library 2030: Moving towards smart technologies, services and resources	INFLIBET and KIIT Bhubaneswar, Odhisha	28-30 November 2019.
3	Parmar, Minaxi	Research output of diaspora at Scopus electronic platform	Diaspora Governance in International Relations:	Center for Diaspora, Central University of Gujarat	12 February 2020

			Opportunities and Challenges for India		
4	Shashikumara, AA, Kumbar, Rashmi	Data Visualization Service in Libraries: A Bibliometric Study of Published Literature	ICAL-2020: 4th International Conference of Asian Libraries on Managing Libraries: Sustaining Excellence through Innovation, Technology and Repositioning;	IIM Management, Lucknow and Asian Library Association, New Delhi,	26-28 February 2020.

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1	Gala, Bhakti	Digital Scholarship: Challenges and opportunities for academic and research libraries"	Future Libraries-Overcoming Challenges.	ADINET, Physical Research Laboratory, Ahmedabad	14 <sup>th</sup> September 2019.
2	Parmar, Sagender Singh & Kumbar Rashmi	Reaching out to Indian Public Schools through Open Educational Resources: An Explorative Study of OERs in Literature	Management of Modern Libraries	Health Sciences Library and Department of Library and Information Science, Manipal Academy of Higher Education, Manipal	January 08-09, 2020

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1	Gala, Bhakti	Open Learning Resources in Journalism & Communication Studies	22 <sup>nd</sup> -23 <sup>rd</sup> August 2019 at the Faculty of Journalism and Communication, The Maharaja Sayajirao University of Baroda, Vadodara	Resource Person
2	Gala, Bhakti	Literature Searching and Open Access Resources Academic Writing and Publishing	2-Day workshop on Academic Writing. 24 <sup>th</sup> -25 <sup>th</sup> January 2020 at the Centre for Advanced Study, Department of Human Development and Family Studies, The Maharaja Sayajirao University of Baroda, Vadodara	Visiting Fellow
3	Gala, Bhakti	A brief history of the Book	8 <sup>th</sup> September 2019. Centre for English Studies, Central University of Gujarat	Invited Lecture
4	Kumbar, Rashmi	Designing of Course Structure and Course Material for Unit 1-3 of Module II Block IV	'Designing and Implementation of Online Certificate Course for School Librarianship' 3-day workshop conducted by Inter University Centre for Teacher Education (IUCTE), Regional Institute of Education (RIE) Mysuru	Resource Person
5	Rashmi Kumbar	'Comprehensive Reading'	UGC NET/JRF Coaching Classes organized by Remedial Coaching Cell, CUG on 25 <sup>th</sup> November 2019	Resource Person

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

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1	Gala, Bhakti	Conducted a workshop at the State Library, Kohima in collaboration	Archives, Libraries and Museums:	Organizer & presenter

		with Department of Art and Culture, Government of Nagaland and ASIS&T, USA	Hubs of Cultural Heritage Preservation. 13 <sup>th</sup> December 2019.	
2	Gala, Bhakti	Developing a computational framework for library and archival education. At the Hornbake Library, University of Maryland, USA and the Smithsonian National Museum of Natural History, Washington DC, USA.	April 3-4, 2019	Participant
3	Kumbar, Rashmi	Quarterly Seminar on Impact of ICT in Compact Libraries, jointly organized by Advancing Information Network (ADINET) & Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar.	1 Day (25 <sup>th</sup> January 2020)	Rapporteur for the Seminar
4	Kumbar, Rashmi	Librarians' Day 2019 seminar on 'Future Libraries – Overcoming Challenges' jointly organized by Advancing Information Network (ADINET) and Physical Research Laboratory (PRL), Ahmedabad.	1 Day (23 <sup>rd</sup> August 2019)	Participation
5	Kumbar, Rashmi	"Research and Academic Integrity" by Prof. S.C. Panigrahi,	1 Day (3 <sup>rd</sup> September 2019)	Participation
6	Kumbar, Rashmi	Workshop on 'Emotional Intelligence for Teachers' by Dr Vipul Vyas	1 Day (3 <sup>rd</sup> September 2019)	Participation

### Participation in training/ orientation/refresher programme

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1	Gala, Bhakti	54 <sup>th</sup> Refresher course in Advancement in Library and	4 <sup>th</sup> -17 <sup>th</sup> November 2019	Participant

		Information Science at HRDC, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat		
2	Kumbar, Rashmi	95 <sup>th</sup> Orientation Programme, HRDC, Gujarat University, Ahmedabad	3 weeks (16 <sup>th</sup> September – 6 <sup>th</sup> October 2019)	Participant

### Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/compl eted with period of the project
1	Gala, Bhakti	Women empowerment through access to information: A study from public libraries in India	Central University of Gujarat	Rs 1,00,000	Ongoing

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

Sr. no.	Name	Details of the award/prize, etc. with date
01	Potnis, Devendra and Gala, Bhakti	Shortlisted for the Best Short Research Paper at the iconference 2019, Washington DC, USA. 3 <sup>rd</sup> April 2019.

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

To promote and establish an interaction with the industry the school conducted field trips to different state-of-the-art libraries in Gandhinagar – Institute of Plasma Research, Indian Institute of Technology, Gandhinagar, State Public Library and National Institute of Fashion Technology and in Ahmedabad- Mudra Institute of Communication (MICA), American Corner, National Institute of Design and Gujarat Vidyapith. A study tour was undertaken to visit unique library systems in Rajkot and Somnath in February 2020.

Under the guidance of Dr. Rashmi Kumbar, the School has initiated a Student Seminar Series (S<sup>3</sup>) to engage the student community in thinking, discussing and debating on the topics that are trending in LIS.

Dr. Rashmi Kumbar has also initiated a student led Newsletter 'CHARM World' for school student council (Council for Heuristic Apprenticeship and Resource Management). Students are encouraged to work as volunteers with the Government School in collaboration with the School Adoption centre.

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

#### **Gala, Bhakti**

- Annual Report Committee, Member
- Admission Committee, Member
- Prospectus and Publicity Committee, Member
- Protocol Committee for 2<sup>nd</sup> Convocation, Member
- Mansa- the student's magazine- Editorial Committee Member
- Committee for monitoring Students Grievances, Member
- Discipline Committee, Sports Event, Member

#### **Parmar, Minaxi**

- EBSB committee - Convener
- Deputy DSW
- Fact Finding Committee - Member
- Sports Advisory Committee - Member
- Election of Student council office bearers committee - Member
- M.Phil Interview Panel 2018-19-member Center for Diaspora

#### **Kumbar, Rashmi**

- Degree Distribution Committee' of 2<sup>nd</sup> Convocation of Central University of Gujarat- Member
- Assistant Controller of Examinations (Offg.) for the term July – December 2019.
- Associated with Remedial Coaching Cell to help students with English Communication skills since January 2020.



# 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 School offers programs of study leading to the award of M.Sc. and Ph.D. degrees in Life Sciences. The M.Sc. students earn knowledge and training in the basic as well as modern life science along with exposure to advance tools and technics while Ph.D. students are offered one-year coursework covering various aspects of advance courses in techniques and research methodology in biological sciences, followed by their specific hypothesis based research towards their Ph.D. research. The nature of courses 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, plant virology and nano-biomaterials and tissue engineering.

## Guest lectures in the Centre/School

Sr. no.	Name of the lecture	Name of the speaker	Date
1.	Genetically modified and Nex Gen for food and health Security	Dr U.N. Dwivedi Former V.C. Lucknow University Head, Deptt of Biotechnology, Lucknow University	January 28, 2020

## Faculty profile

### Prof J.P.N. Mishra

Area of Interest: Sleep and Circadian Rhythm Physiology; Neuroendocrinology; Metabolic and Stress borne disorders; Cell mediated and Humoral Immunity; Respiratory Pathophysiology and Chemical control of respiration.

### Dr. Umesh C. S. Yadav

Area of Interest: To understand the biochemical and molecular mechanisms of metabolic disorder-induced chronic inflammatory diseases including diabetic and cardiovascular disorders, cancer and asthma and COPD.

### Dr Seema Rawat

Area of Interest: Molecular Microbial Ecology, Microbial Technology, Microbial Stress Physiology, Bioremediation, Plant Growth Promotory Rhizobacteria.

### Dr Rajesh Patel

Area of Interest: Exploring interfacial properties of polymeric surface to answer complex biological queries and for the development of biomedical devices.

### Dr Sunita Patel

Area of Interest: Biochemistry, biophysical chemistry, RNA-protein interactions, protein chemistry, spectroscopy: application to biology.

### Dr Anju Pappachan

Area of Interest: Structural and functional characterization of metabolic pathway proteins and adhesins from Leishmania; plant and microbial lectins; stress proteins from Lactobacillus sp. using protein engineering, macromolecular crystallography, biophysical techniques, biochemical assays Molecular Biology, and bioinformatics tools.

### Dr Swati Joshi

Area of Interest: Industrial microbiology and biotechnology, metagenomics, extremozyme research, protein engineering, heterologous protein expression systems and downstream processing

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1.	Singh C, Shyanti RK, Singh V, Mishra JPN, Singh RP	Integrin expansion and glycosylation patterns regulate cell-matrix adhesion and other and after with breast cancer progression.	Biochemistry and Biophysical Research Communication	2019, 499(2) 374-380
2.	Sharma Arpana, Kartha Anitha, Singh Rana Pratap and Mishra JPN	Efficiency of Anti Epileptic Drug Topivanate in treatment of Glioblastoma: An In vitro perception	Scholars Bulletin	2019, 156: 249-258
3.	Kandhari, K., Mishra, JPN, Singh, R.P.	Acacetin inhibits cell proliferation, survival and Migration in human breast cancer cells	Int. J. Pharma. Biol. Sci.	2019 (in press)
4.	Mishra J.P.N.	Modulating sleep quality and level of consciousness through Meditation	Proceedings of International Conference on	2020 (in press)

			Neurological and Therapeutics, London	
5.	Prasad N, Sharma JR, Yadav UCS.	Induction of growth cessation by acacetin via $\beta$ -catenin pathway and apoptosis by apoptosis inducing factor activation in colorectal carcinoma cells	Mol Biol Rep.	2019, Doi: 10.1007/s11033-019-05191-x
6.	Agraval H, Yadav UCS.	MMP-2 and MMP-9 mediate cigarette smoke extract-induced epithelial-mesenchymal transition in airway epithelial cells via EGFR/Akt/GSK3 $\beta$ / $\beta$ -catenin pathway: Amelioration by fisetin.	Chem Biol Interact.	2019 Oct 10: 314, 108846. Doi: 10.1016/j.cb i.2019.108846
7.	Singh M, Kumari B, Yadav UCS.	Regulation of oxidized LDL-induced inflammatory process through NLRP3 inflammasome activation by the deubiquitinating enzyme BRCC36.	Inflamm Res.	2019 Dec;68(12):999-1010. Doi: 10.1007/s00011-019-01281-5.
8.	Saxena N, Dholia N, Akkireddy S, Singh A, Yadav UCS, Dube CL.	Efficient microwave synthesis, functionalisation and biocompatibility studies of SPION based potential nano-drug carriers.	Appl Nanosci	2019 Sep 09. Doi: 10.1007/s13204-019-01153-8.
9.	Patel R, Varghese JF, Singh RP, Yadav UCS.	Induction of endothelial dysfunction by oxidized low-density lipoproteins via downregulation of Erk-5/Mef2c/Klf2 signaling: Amelioration by fisetin.	Biochimie.	2019 Jun 11; 163: 152-162.
10.	Shinde P, Agraval H, Singh A, Yadav UCS, Kumar U.	Synthesis of luteolin loaded zein nanoparticles for targeted cancer therapy improving bioavailability and efficacy.	J Drug Deliv Sci Technol.	2019 August; 52: 369-378.

11.	Meena and Rawat Seema	Microbial analysis of milk and milk products collected from Srinagar, Pauri Garhwal, Uttarakhand	ENVIS Bulletin Himalayan Ecology	2019, 27
12.	Rautela Rachna and Rawat Seema	Analysis and optimization of process parameters for in vitro biomineralization of $\text{CaCO}_3$ by <i>Klebsiella pneumoniae</i> , isolated from a stalactite from the Sahastradhara cave	RSC Advances	Feb 2020, 10
13.	Rather Hilal Ahmad, Jhala Dhvani, Vasita Rajesh	Dual functional approaches for osteogenesis coupled angiogenesis in bone tissue engineering	Materials Science and Engineering: C,	October 2019, Volume 103, 109761
14.	Chandan, R. K.; Singh, A. K.; Patel, S.; Swain, D. M.; Tuteja, N.; Jha Gopaljee.	Silencing of tomato CTR1 provides enhanced tolerance against Tomato leaf curl virus infection	Plant Signaling & Behavior	2019, 14, e1565595.
15.	Patel, S. K.; Agrawal, G.; Mathew, B.; Patel, S.; Mohanty, B.; Singh, A.	Climate change and women in South Asia: a review and future policy implications	World Journal of Science, Technology and Sustainable Development	2019, 17, 145-166.
16.	Patel, S. K.; Nanda, A.; Singh, G.; Patel, S.;	Disasters in a Conflict Zone: A case of Jammu and Kashmir, India	Economic & Political weekly	2019, Accepted (Ref. No.: 20606)
17.	Kulkarni P, Shah N, Waghela B, Pathak CM, Pappachan A.	<i>Leishmania donovani</i> adenylate kinase 2a prevents ATP-mediated cell cytolysis in macrophages.	Parasitology International.	2019, October:72: 101929
18.	Joshi, S., Nayaka, S., Azad, M., Bhawsar, H., Vinayaka, K.S., Mishra, J.P.N.	<i>Usnea bailey</i> (Stirt.) Zahlbr, a new record from Karnataka, India.	Cryptogram Biodiversity and Assessment ISSN: 2456-0251.	2020, Accepted for publication,

## Papers/Chapters published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1.	Bajpai Apekcha, Rawat Seema, and Johri B.N.	Fungal diversity: Global perspectives and Ecosystem dynamics	Microbial diversity in ecosystem sustainability and biotechnological applications	July 2019/ Springer Nature, Singapore
2.	Ranawat Preeti and Rawat Seema	Radiation-resistant thermophiles: From high temperature to engineered bioremediation	Beneficial microbes for sustainable agriculture and environmental management	Feb 2020/Apple Academic Press, Canada

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/ conference/workshop	Organizing body and place	Date/s of the programme
1.	Prof J.P.N. Mishra		29 <sup>th</sup> World Congress on Neurology and therapeutics, London, UK	Conference Series LLC LTD	February 24-25, 2020
2.	Rawat Seema	Bioremediation of carcinogenic metals by thermophilic bacteria isolated from hot springs of Garhwal Himalaya	Microbial Technologies in Sustainable Development of Energy, Environment, Agriculture and Health	Association of Microbiologists of India, Central University of Haryana	Nov 15-18, 2019
3.	Rawat Seema and Mushtaq Asifa	Diversity of plant growth	Microbial biotech interactions for	Department of Microbiology &	Feb 6-7, 2020

		promoting rhizobacteria in legume rhizosphere	sustainable agriculture and societal development	Biotechnology, Gujarat University	
4.	Patel, S.; Solanki, R.; Patel, K.	Bovine Serum Albumin as a nanocarrier for the efficient delivery of anticancer therapeutic agent Berberine	International Conference on Emerging Areas in Biosciences and Biomedical Technologies (eBBT-2)	IIT Indore, India	07.02.2020 to 09.02.2020
5.	Patel, S.; Solanki, R.; Patel, K.	Unravelling the efficiency of Berberine loaded Bovine Serum Albumin Nanoparticle for Breast Cancer therapy	Annual Next-Gen Tissue Engineering and Regenerative Medicine Conference	Meetings International	14.10.2019 to 15.10.2019

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1	Rawat Seema	Microbial degradation of plastics: An ecofriendly approach	Plastics in the Environment: Current status and Rethinking the Future of Plastics	Gujarat Institute of Desert Ecology, Bhuj	March 7, 2020

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1.	Mishra J.P.N.	Physiology of Circadian Rhythms: Role of Pineal and	H.N. Bahuguna Central University Garhwal, Srinagar, Uttarakhand, On February 11, 2020	Invited Talk

		Pituitary glands and Limbic system		
2.	Mishra J.P.N.	Neural control modulation of respiratory dysfunctions through Pranayam and Meditation	Lucknow University, Lucknow, On October 26, 2019	Invited Talk
3.	Yadav Umesh C.S.	“Prevention of Cigarette Smoke - induced ECM modulation by fisetin in lung adenocarcinoma cells”	8 <sup>th</sup> International translational cancer research conference on “Role of inflammation and immune system for cancer prevention and treatment” Department of Biochemistry, Institute of Science, Banaras Hindu University (BHU), Varanasi, India, 13-16 February, 2020	Invited Talk
4.	Yadav Umesh C.S.	“Prevention of Cigarette Smoke Extract- induced MMP-2 and -9 mediated Epithelial-Mesenchymal Transition in airway epithelial cells by Fisetin”	National Symposium on Basic & Translational Research in cancer Biology at Institute of Advanced Research, Koba Institutional Area, Gandhinagar, Gujarat, India, 11-12 September 2019.	Invited talk
5.	Yadav Umesh C.S.	M.Sc. biochemistry/Life Sciences: what's in it for me, Opportunity in Life Sciences”	Orientation programme 2019 for Master students’ at Institute of Pharmacy, Nirma University (IPNU), Ahmedabad, India, 4th July 2019.	Invited talk
6.	Yadav Umesh C.S.	Concepts of Immunology	National Workshop on Problem Solving Techniques in Sciences held at Faculty of Sciences, The Maharaja	Invited talk

			Sayajirao University of Baroda, Vadodara, Gujarat, India, November 25-30, 2019	
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### Participation in training/ orientation/refresher programme

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1.	Patel Sunita	Refresher Course in Environmental Studies	18.11.2019 to 01.12.2019	participant
2.	Pappachan Anju	94 <sup>th</sup> Orientation Program, Gujarat University HRDC	21 days 16/09/2019 to 06/10/2020	participant
3.	Joshi Swati	95 <sup>th</sup> Orientation Program, Gujarat University HRDC	21 days 16/09/2019 to 06/10/2020	participant

### Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
	Rajesh Vasita	The study of surface chemistry induced three dimensional tumor model and its effect on tumor progression and drug response	SERB, DST-Govt. of India	33.36 lakhs	On going
	Rajesh Vasita	Development of bio inspired dual drug delivering nanofibrous scaffold for bone tissue engineering	Nanomission, DST-Govt. of India	3757,560.00	On going
	Pappachan Anju	Biophysical characterization of adenylosuccinate	DBT	27.85 lakhs	Ongoing



		lyase- a potential drug target from Leishmania donovani- a computational and molecular approach"			
	Pappachan Anju	Cloning, protein purification and characterization of ornithine decarboxylase, an important protein involved in acid stress tolerance in Lactobacillus sp	UGC	10 Lakh	Ongoing
	Pappachan Anju	Cloning, protein expression and purification of Adenylosuccinate lyase and Adenylosuccinate synthase from Leishmania donovani	CUG	1 Lakh	Ongoing
	Swati Joshi	Transcriptomic analysis of Usnea sp. for the retrieval of genes involved in synthesis of therapeutically useful lichen metabolites	DBT	35.67 lakhs	Ongoing

### Research student/s guided

Sr. no.	Name of the Supervisor	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2019-20)
1.	Prof J.P.N. Mishra	Ph.D.	04 Awarded, 01Continued
2.	Dr Umesh C.S. Yadav	Ph.D.	02
3.	Dr Seema Rawat	Ph.D.	02
4.	Dr Rajesh Vasita	Ph.D.	02 Awarded

		MPhil	01 Awarded
5.	Dr Sunita Patel	M. Phil PhD	01 Awarded 02 Awarded
6.	Dr Anju Pappachan	MPhil	01 Awarded
		PhD	04

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

### Prof J.P.N. Mishra

- Coordinator of Swachhata Pakhwada, January 01 to 15, 2020, in Association with the NSS unit of CUG
- Coordinator, Jal Shakti Abhiyan at Central University of Gujarat from December 14 to 21, 2019 in Association with School of Environmental Science and Sustainable Development, CUG.
- Dean, School of life sciences
- Director, Internal Quality Assurance cell of CUG
- Nodal Officer, Central Instrumentation Facility at CUG
- Member Executive Council of CUG
- Coordinator, Reception and transport during 2nd convocation of the Central University of Gujarat on February 22, 2020
- Member, academic Council of CUG
- Chairperson, Yoga Program Implementation committee of CUG
- Chairman, School Board of the School of Life Sciences, CUG
- Chairman, Committee for Advanced Scientific Research (CASR) of the School of Life Sciences, Central University of Gujarat
- Chairman, tender committee for procuring various equipment and services to the University
- Chairman, Committee for preparing guidelines for regulating the expenditures related to extramural research project grants to PI
- DST nominee of Institutional Biosafety Committee of :
- Indian Institute of Technology (IIT), Gandhinagar
- Nirma University, Ahmedabad
- Indrasheel University, Mehsana, Gujarat
- Member of Academic Council of Indian Institute of Advanced Studies
- Member of the governing Council of Gujarat State Biotechnology Mission, Government of Gujarat, Gandhinagar
- Subject expert member of faculty selection committee at:
- H.N. Bahuguna Central University Garhwal, Uttarakhand,
- National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad, Telangana
- In the capacity of director IQAC prepare the Annual Quality Assurance report of CUG for 2018-19, got approved by Executive Council and submitted to 2 to NAAC online

- Worked as observer in NAAC peer team, visited to Matoshri Educational Group of Institutions from December 20-22, 2019

#### **Dr Umesh C.S. Yadav**

- Deputy Controller of Examinations (D-COE), Central University of Gujarat, Gandhinagar, Gujarat, India, August 12, 2017 – Present.
- Nodal Officer, National Academic Depository (NAD) Cell at CUG, Gandhinagar to implement NAD, an initiative of Ministry of Human Resource Development (MHRD) & University Grants Commission (UGC), Govt. of India (Since Dec. 22, 2016)
- Member, Convocation core committee for the organization of 2<sup>nd</sup> Convocation of the Central University of Gujarat, Gandhinagar 22<sup>nd</sup> Feb, 2020.
- Convener, Stage Management Committee and the Degree Distribution Committee during 1st Convocation of the Central University of Gujarat, Gandhinagar 22<sup>nd</sup> Feb, 2020
- Member, Board of Studies, School of Life Sciences, CUG, Gandhinagar.
- Member, Committee for Advanced Studies and Research (CASR) of School of Life Sciences.
- Member, COVID-19 Cell of Central University of Gujarat (CUG), Gandhinagar to prepare Draft Academic Calendar 2020-21 including schedule of examinations to be adopted by CUG
- Convener, Committee to Review the Performance of the University related to tripartite MoU for the year 2018-19 & 2019-20 and to prepare item-wise performance report for onward transmission to UGC/MHRD.
- Member, 4<sup>th</sup> Academic council of Central University of Gujarat, for a period of three years starting 20-02-2020.
- Special invited member of 31<sup>st</sup> EC meeting of CUG on 21<sup>st</sup> Feb., 2020.

#### **Dr Seema Rawat**

- Member of Academic Council, CUG
- Provost, CUG
- Convener of Committee for monitoring grievances of students
- Online Nodal Officer for students grievances
- Member of Grievance Redressal Committee of School of Life Sciences
- Member of Grievance Redressal Committee of SESD
- Member of Local Purchase Committee for procurement of Science related items
- Member of Committee for Advance Studies & Research
- Member of Committee for election of student representatives of ICC
- Member of Departmental Academic Integrity Panel of SLS

#### **Dr Rajesh Vasita**

- Member of Atal Incubation center technical committee, Gujarat Technical University, Ahmedabad.
- Reviewer for Journals: Elsevier, Wiley, Royal Society of Chemistry
- Coordinator, Project Cell
- Member CIF committee



# School of Nano Science

## About the School

The School of Nano Sciences was recently upgraded from the Centre for Nano Sciences. The School offers an Integrated MPhil-Ph. D programme and currently has more than 30 students at various stages of their programme. Besides, it has also been offering a direct Ph.D. programme in Nanosciences since 2016-17 and has been offering M.Sc. (Nanotechnology) since July 2016. MPhil-Ph. D 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 equipment 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-Science is equipped with equipment such as UV-Vis spectrophotometer, Thermal CVD system, Photo catalytic set up, gel electrophoresis, ovens, incubator, bath sonicator, centrifuge, Four Probe and Hall apparatus etc besides cell culture facilities. Students have access to most recent books, journals pertaining to nanoscience/nanotechnology exclusively, both in hard copy and electronic form. They also have access to various national and international sites being routed through the Central Library of the University.

## Programme offered

1. M.Sc. in Nanotechnology
2. Integrated M.Phil.-Ph.D. in Nano Sciences

## Guest lectures in the Centre/School

Sr. no.	Name of the lecture	Name of the speaker	Date
1.	Design of Nano Structures for Energy and Environmental Applications	Prof. A. K. Ganguly	14 <sup>th</sup> February 2020
2.	Science and Society	Prof. Om Prakash Pandey	28 <sup>th</sup> February 2020

## Faculty Profile

**Dr. Indrani Banerjee**, Associate Professor & Dean

Area of Interest: Plasma Processing of Nanomaterials and Nano-bio interactions

**Dr. Hitesh Kulhari**, Assistant Professor

Area of interest: Drug Delivery, Nanomedicines and Biomaterials.

**Dr. Umesh Kumar**, Assistant Professor

Area of interest: Nano-Biotechnology (Agriculture, Nutraceuticals, Cosmeceuticals)

**Dr. Charu Lata Dube**, Assistant Professor

Area of interest: Development of nuclear materials, and advanced materials for environmental remediation, Microwave Processing of Materials.

**Dr. Manu Sharma**, Assistant Professor

Area of interest: Synthesis of nanostructure material for energy and environment application, designing of efficient catalyst, sensors and electrochemistry

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1.	Jain P, Bhagat S, Tunki L, Jangid AK, Singh S, Pooja D, Kulhari H.	Serotonin–stearic Acid bioconjugate-coated completely biodegradable $Mn_3O_4$ nanocuboids for hepatocellular carcinoma targeting	ACS Applied Materials & Interfaces	March 2020, 12 (9), 10170-10182.
2.	Radhakrishnan R, Pooja D, Kulhari H, Gudem S, Ravuri HG, Bhargava SK, Sistla R.	Bombesin conjugated solid lipid nanoparticles for improved delivery of epigallocatechin gallate for breast cancer treatment	Chemistry and physics of lipids	Nov 2019, 224, 104770.
3.	Weerathunge P, Pooja D, Singh M, H Kulhari H, Mayes ELH, Bansal V, Ramanathan R.	Transferrin-conjugated quasi-cubic SPIONs for cellular receptor profiling and detection of brain cancer	Sensors and Actuators B: Chemical	Oct 2019, 297, 126737
4.	Tunki L, Kulhari H, VaditheLN, Kuncha M, Bhargava SK, Pooja D, Sistla R.	Modulating the site-specific oral delivery of sorafenib using sugar-grafted nanoparticles for hepatocellular carcinoma treatment	European Journal of Pharmaceutical Sciences	Sep 2019, 137, 104978

5.	Pooja D, Gunukula A, Gupta N, Adams DJ, Kulhari H.	Bombesin receptors as potential targets for anticancer drug delivery and imaging	The international journal of biochemistry & cell biology	Sep 2019, 114, 105567
6.	BidyaraniNgangom and Kumar Umesh	Synthesis of rotenone loaded zeinnanoformulation for plant protection againstpathogenic microbes	RSC Advances	Dec 2019, 9, 40819
7.	Srivastav Amit Kumar, Gupta Sanjeev K and Kumar Umesh	A molecular simulation approach towards the development of universal nanocarriers by studying the pH- and electrostatic-driven changes in the dynamic structure of albumin	RSC Advances	Mar 2020, 10, 13451
8	Saxena Namita, AgravalHina,Barick K.C., RayDebes, AswalV.K., Singh Anupinder, Yadav Umesh C.S., Dube Charu Lata	Thermal and Microwave Synthesized SPIONs: Energy Effects on the Efficiency of Nano Drug Carriers, efficiency of nano drug carriers	Materials Science & Engineering C	2020, 111, 110792
9	Dube Charu L., M. C., Stennett, Hyatt N. C., AnanthanarayananA., Shah J. G., David C.	Radiation stability study on cerium loaded iron phosphate glasses by ion irradiation method	Journal of Radioanalytical and Nuclear Chemistry	2020, 323, 1381–1386
10	Saxena Namita, DholiaNeeraj, AkkireddySatyaprasad, Singh Anupinder, Yadav Umesh C. S., Dube Charu Lata	Efficient microwave synthesis, functionalisation and biocompatibility studies of SPION based potential nano-drug carriers	Applied Nanoscience	2020, 10, 649–660.
11	Singh G, Kushwaha A, Sharma M	Intriguing peroxidase-mimic for H <sub>2</sub> O <sub>2</sub> and glucose sensing: A synergistic Ce <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> /rGO nanocomposites	Journal of Alloys and Compounds	825, 154134, 2020
12	Singh G, Kushwaha A, Sharma M	Persistent peroxidase mimics of graphene oxide anchored cerium molybdate sensor: An effective	Microchemical Journal	153, 104290, 2020

		colorimetric detection of $S^{2-}$ and $Sn^{2+}$ ions		
13	Yadav K K, Sharma M, Jha M	Extraction of nanostructured sodium nitrate from industrial effluent and their thermal properties	Water Environment Research,	2020
14	Tavker N, Sharma M	Designing of waste fruit peels extracted cellulose supported molybdenum sulfide nanostructures for photocatalytic degradation of RhB dye and industrial effluent	Journal of Environmental Management	255, 2020
15	Kushwaha A, Singh G, Sharma M	Colorimetric sensing of chlorpyrifos through negative feedback inhibition of the catalytic activity of silver phosphate oxygenase nanozymes	RSC Advances	10 (22), , 2020
16	Vuggili S B, Khanth S K, Kadiya K, Gaur U K, Sharma M	Improvement in visible light stimulated photocatalysis by the inducement of magnesium dopant inside graphitic carbon nitride frameworks	Journal of Environmental Chemical Engineering	7 (6), 2019
17	Tavker N, Gaur U K, Sharma M	Highly Active Agro-Waste-Extracted Cellulose-Supported $CuInS_2$ Nanocomposite for Visible-Light-Induced Photocatalysis	ACS omega	4 (7), 2019
18.	Tejal Barkhade, Santosh Kumar Mahapatra, and Indrani Banerjee	Study of mitochondrial swelling, membrane fluidity and ROS production induced by nano- $TiO_2$ and prevented by Fe incorporation	Toxicology Research	8(5), pp.711-722, July-2019
19.	Tejal Barkhade, Sarthak Mishra, Harish Chander, Santosh Kumar Mahapatra, and Indrani Banerjee	Effect of $TiO_2$ and Fe doped $TiO_2$ nanoparticles on mitochondrial membrane potential in HBL-100 cells	Bio interphases	14(4), 041003-1-10. August-2019



20.	Tejal Barkhade, Ambadas Phatangare, Shailendra Dahiwalé, Santosh Kumar Mahapatra and Indrani Banerjee	Nano-bio interface study between Fe content TiO <sub>2</sub> nanoparticles and adenosine triphosphate biomolecules	Surface and Interface Analysis	51(9), 894- 905. May-2019
21.	Tejal Barkhade, and Indrani Banerjee	Optical Properties of Fe doped TiO <sub>2</sub> Nanocomposites Synthesized by Sol-Gel Technique	Materials Today: Proceedings	18, 1204- 1209, June-2019
22.	Chawda Nitya, Basu Mainak, Majumdar Dipanwita, Poddar Raju, Mahapatra Santosh Kumar, and Banerjee Indrani	Engineering of Gadolinium- Decorated Graphene Oxide Nanosheets for Multimodal Bioimaging and Drug Delivery	ACS Omega	July 2019, 4, 7
23.	Chawda Nitya, Mishra Sarhak, Basu Mainak, Ch ander Harish, Podder Raju, Mahapatra S K and Banerjee I	Synthesis of gadolinium oxide nanocuboids for in vitro bioimaging applications	Mater. Res. Express	September 2019, 6, 10
24.	Shiyani T and Bagchi T	Hybrid nanostructures for solar energy conversion applications	Nanomaterials and Energy	9(1), pp. 1– 8, January 2, 2020
25.	Shiyani T, Mahapatra S K, and Banerjee I	Basil sensitized ZnO photoelectrochemical cell for solar energy conversion	Materials Today proceedings	February 25, 2020

## Papers published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1.	Tunki L, Kulhari H, Bhargava SK, Pooja D.	Pharmacokinetic considerations in design of dendrimer-based nanomedicines	Pharmaceutical Applications of Dendrimers	Jan 2020, Elsevier
2.	Rai DB, Pooja D, Kulhari H.	Dendrimers in gene delivery	Pharmaceutical Applications of Dendrimers	Jan 2020, Elsevier
3.	Chauhan AS, Patil C, Jain P, Kulhari H	Dendrimer-based marketed formulations and miscellaneous applications in cosmetics, veterinary, and agriculture.	Pharmaceutical Applications of Dendrimers	Jan 2020, Elsevier
4.	Rai DB, Gupta N, Pooja D, Kulhari H.	Dendrimers for diagnostic applications.	Pharmaceutical Applications of Dendrimers	Jan 2020, Elsevier
5.	Tunki L, Kulhari H, Sistla R, Pooja D	Dendrimer-based targeted drug delivery	Pharmaceutical Applications of Dendrimers	Jan 2020, Elsevier
6.	Shinde Priyanka and Kumar Umesh	Spectroscopic Study of Citric Acid Cross-Linked Zein-BSA Particles for Intestinal Delivery of Luteolin	Advances in Spectroscopy: Molecules to Materials	Springer Nature Singapore Pte Ltd. Aug 2019
7.	Bidyarani Ngangom and Kumar Umesh	Study of Limonene Loaded Zein Nanoparticles for Sustainable Agriculture	Advances in Spectroscopy: Molecules to Materials	Springer Nature Singapore Pte Ltd. Aug 2019
8	Dube Charu, Hyatt Neil C.	Investigation of Radiation Damage in Iron Phosphate Glasses by Soft X-Ray Absorption Spectroscopy: A	Advances in Spectroscopy: Molecules to Materials	October 2019, Springer

		Powerful Tool for Surface Characterization		Book Proceeding.
9	Saxena Namita, Dube Charu Lata	Interaction Study of Differently Coated Hydrophilic Superparamagnetic Iron Oxide Nanoparticles with Bovine Serum Albumin	Advances in Spectroscopy: Molecules to Materials	October 2019, Springer Book Proceeding.
10	Bishnoi Anjali, Rajaraman T.S, Dube Charu Lata, Ambegaonkar Nikita J.	Nanosensors: An Introduction	Nanosensors and Nanodevices for Smart Multifunctional Textiles	September 2020, Elsevier Science

### Books published as author

Sr. no.	Name/s of the author in the order they appear in publication	Title of the book	Month/year of publication/ name of the publisher and place
1.	Chauhan AS, Kulhari H	Pharmaceutical Applications of Dendrimers	Jan 2020, Elsevier

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/ conference/workshop	Organizing body and place	Date/s of the programme
1.	Kulhari H	Impact of Poly(amidoamine) dendrimers on solubilization of hydrophobic therapeutic agents	56 <sup>th</sup> Annual Convention of Chemists 2019 & International Conference on Recent Trends in Chemical Sciences	Pt. Ravishankar Shukla University, Raipur	14-16 <sup>th</sup> Nov., 2019
2.	Kulhari H	Functionalized PAMAM dendrimers for	11 <sup>th</sup> National Conference on Solid State Chemistry and Allied Areas (NCSCA-	Seth Kesarimal Porwal College of Arts Science	20-21 <sup>st</sup> Dec., 2019

		Targeting of Anticancer Drugs	2019)	& Commerce, Kamptee, Nagpur	
3.	Kulhari H	Nanoformulations improve the efficacy and delivery of natural bioflavonoid	International Conference on Natural Products and Human Health-2020	University of Delhi, Delhi	27-29 <sup>th</sup> Feb 2020
4.	Dube Charu Lata, Dubey Ashutosh	Synthesis of Graphene Oxide by Employing Multimode Microwave Applicator	International Summit on Physics & Astronomy	Coalesce Research Group LLC, Osaka Japan	14-15 November 2019
5.	Dube Charu Lata	Microwave Synthesis of Advanced Materials by using Single/Multi Mode Applicator	Third International Conference on Advanced Materials	School of Chemical Sciences, Mahatma Gandhi University, Kottayam, Kerala, India	09-11 August 2019

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1	Dube Charu Lata	Handling of Chemicals, Storage and Disposal	Orientation Program	School of Nano Sciences, Central University of Gujarat	19-23 August 2019
2.	Dube Charu Lata	Science, Religion, and communal harmony	National Conference on Interfaith Dialogue, Communal Harmony, and National Integration	Central University of Gujarat in collaboration with National Foundation for Communal Harmony	5-6 November 2019

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1.	Kulhari H	Nanotechnology in Cancer Treatment	Lecture Series 20 <sup>th</sup> Feb, 2020	Invited Speaker
2.	Kulhari H	Raman Spectroscopy	Lecture Series 1 <sup>st</sup> Feb, 2020	Invited Speaker
3.	Kulhari H	Photoelectron Spectroscopy	Lecture Series 25 <sup>th</sup> Jan, 2020	Invited Speaker
4.	Dube Charu Lata	Surface characterization via SEM and TEM	Faculty Development Programme, Dept of Chemical Engg. L D college of Engg. Ahmedabad, 12 September 2019	Invited speaker
5.	Dube Charu Lata	An Introduction to Nanotechnology and Hands-on Training	National Conference of Bio-sciences organized by Gujarat University, Forensic Science & Biochemistry Department with Shikhar Educational Trust, 15-16 September 2019	Guest speaker
6.	Manu Sharma	Energy storage devices	NIT Kurukshetra, 2019	Invited speaker
7.	Indrani Banerjee	Secondary Structure Analysis of Silk Nanoparticles For Flexible Electronics	Fourth International Conference On Nanomaterials: Synthesis, Characterization and Applications (ICN 2019) April 21-43 April 2019 Mahatma Gandhi University, Kottayam, Kerala, India.	Plenary Lecture

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

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1.	Indrani Banerjee	Fourth International Conference On Nanomaterials:	Fourth International Conference On Nanomaterials: Synthesis,	Judge for Poster presentation

		Synthesis, Characterization and Applications (ICN 2019)	Characterization and Applications (ICN 2019) April 21-43 April 2019 Mahatma Gandhi University, Kottayam, Kerala, India.	
2.	Kulhari H	Technical session (Industrial and Applied Chemistry)	56 <sup>th</sup> Annual Convention of Chemists 2019 & International Conference on Recent Trends in Chemical Sciences. 14-16 <sup>th</sup> Nov., 2019	Session chair
3.	Dube Charu Lata	Third International Conference on Advanced Materials	Third International Conference on Advanced Materials (ICAM 2019) 9-11 August 2019 at Mahatma Gandhi University, Kottayam, Kerala, India	Session chair
4.	Dube Charu Lata	Plasma Technology for Health Sector (PTHS-2019)	Plasma Technology for Health Sector (PTHS-2019), 22 November 2019	Participant
5.	Manu Sharma	Plasma Technology for Health Sector (PTHS-2019)	Plasma Technology for Health Sector (PTHS-2019), 22 November 2019	Participant

### Participation in training/ orientation/refresher programme

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1.	Kulhari H	Orientation Program	19 <sup>th</sup> -23 <sup>rd</sup> August 2019	Resource Person
2.	Dube Charu Lata	Orientation programme, UGC Human Resource Development Centre	6-26 January 2020	Academic (On duty)

3.	Manu Sharma	Orientation programme, UGC Human Resource Development Centre, HP University, Shimla	22-11 May 2019	Academic (On duty)
4	Manu Sharma	Orientation Program on safety measure	19-23 August, 2019	Resource person
5	Manu Sharma	Training program on Energy storage devices	21-25 October, 2019	Resource person

### Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1.	Kulhari H	INSPIRE Faculty	DST, New Delhi	35,00, 000 Rs.	Ongoing
2.	Kulhari H	Early Career Research	SERB, DST, New Delhi	37, 30,060 Rs	Ongoing
3.	Banerjee I.	Transferred Arc Plasma Modeling and Synthesis of Iron Oxide Nanoparticles for Biomedical Applications	BRNS	23.12 Lakhs	Completed
4.	Banerjee I.	Development of Mesoscopic Solid State Solar Cells	BRNS	28.59 Lakhs	Completed
5.	Banerjee I.	Diagnosis of Plasma in ECR Ion Source	DST, EMR	50.80 Lakhs	Completed

### Research student/s guided

Sr. no.	Name	Nature of programme,	No. of students guided (only number)
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		<b>whether M. Phil/Ph.D.</b>	<b>registered during 2019-20)</b>
1.	Banerjee I	M. Phil	01
2.	Kulhari H	M Phil	01
3.	Kumar Umesh	M Phil	01
4.	Dube Charu Lata	M Phil	01
5.	Manu Sharma	M Phil	01

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

### Dr. Indrani Banerjee

- Dean, School of Nano Sciences
- Proctor, Central University of Gujarat
- Executive council Member, CUG
- Academic Council Member, CUG
- University Grievance Cell Member, CUG
- University Purchase Committee Member, CUG

### Dr. Hitesh Kulhari

- Dean's nominated member of the University Admission Committee 2019
- Instrument In-charge for DLS and HPLC systems
- Member of Discipline Committee for 2<sup>nd</sup> Convocation of the University
- Member of Annual Report Committee for preparing annual report of University for Year 2018-19.

### Dr. Umesh Kumar

- Dean's nominated member of the University Admission Committee 2020
- Member of question paper committee 2020
- Instrument In-charge for AFM
- Member of election committee for smooth conduction of student's representative in Internal complaint Committee (ICC)

### Dr. Charu Lata Dube

- RAC member, School of Nano Sciences, CUG.
- Member of Local Purchase Committee, School of Nano Sciences, CUG.
- Committee Member of CASR, School of Nano Sciences, CUG.
- Committee Member of School Board, School of Nano Sciences, CUG.
- Ad-hoc committee member of M.Sc. Physics syllabus, School of Nano Sciences, CUG
- Selection committee member for M.Sc nanotechnology admission, School of Nano Sciences, CUG
- Admission committee member of MPhil-Ph.D (Nanoscience), School of Nano Sciences, CUG
- Member for Ek Bharat Shreshtha Bharat team,CUG.
- Member of discipline committee for Annual Sport 2019-20.



- Member of expert committee for monitoring maintenance and review of Central Instrumentation Facility (CIF) and instruments in other laboratories, CUG.
- Faculty incharge for TGA/DSC, P-XRD of CIF,CUG.
- Member of Committee to advise the administration on all possible ways to resolve pending issues related to operationalization and maintenance of all scientific machineries installed at CIF, CUG.

**Dr. Manu Sharma**

- Warden, Infocity Girls Hostel, CUG, Gandhinagar.
- NSS advisory Committee member, CUG.
- Member of selection committee, MPhil-Ph.D (Nanoscience), School of Nano Sciences, CUG
- Member of admission committee.
- Committee Member of CASR, School of Nano Sciences, CUG.
- Member of paper setting committee of MPhil-Ph. D. (Nanoscience), School of Nano Sciences, CUG.
- Member of paper setting committee of M. Sc. nanotechnology, School of Nano Sciences, CUG.
- Committee member in BOS, CUG.
- Member of Jal sakti team, CUG.
- Member of discipline committee for Annual Sport, CUG, 2019-20.
- Member of discipline committee in convocation-2, CUG, 2019-20.
- Member of Medal committee in convocation-2, CUG, 2019-20.
- Member of seating arrangement and Audience committee in convocation-2, CUG, 2019-20.
- Representative of school for monitoring maintenance and review of Central Instrumentation Facility (CIF), CUG.
- Faculty incharge for HRTEM, SEM and SECM of CIF,CUG.
- Member of advisory Committee of CIF,CUG.
- Member of PWDs committee.

# 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 was renamed as Centre for Security Studies (CSS) in 2012. The Centre for Security Studies 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.

## Guest lectures in the School

Sr. no.	Name of the lecture	Name of the speaker	Date
1.	Coastal Security Challenges	D.I.G. V. Anbarasan, TM (Gallantry)	18.09.2019
2.	The Research Issues on Criminal Justice System in India	Dr. Akshat Mehta	10.10.2019
3.	Introduction to India's North-East Region	Prof. Amarjeet Singh	19.10.2019
4.	Insurgency Ethnicity and Development in India's North-East Region	Prof. Amarjeet Singh	19.10.2019
5.	Introduction to South Asia	Dr. William Nunes	8.11.2019
6.	Challenges to South Asia Security	Dr. William Nunes	8.11.2019

## Faculty profile

**Dr. Sanjay Kumar Jha**, Professor and Dean, School of National Security Studies

Areas of Interests: National Security, Internal Security, Insurgency, Terrorism, Maoism, Conflict Management and Resolution, Cyberspace and National Security, Security and Politics in South Asia, Maritime and Coastal Security

**Dr. Arun Vishwanathan**, Associate Professor & Chairperson, Centre for Security Studies

Areas of Interests: Nuclear Strategy and Deterrence, Arms Control and Disarmament, India's Defence Ecosystem, Indian Foreign and Defence Policy

**Dr. Kishor Jose**, Assistant Professor, Centre for Security Studies

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

**Dr. Nongmaithem Mohandas Singh**, Assistant Professor, Centre for Security Studies

Areas of Interests: International Security and Conceptual debates, National Security and Northeast India, Geopolitics and Security in India's neighbourhood, Security and strategic issues in Asia Pacific region/Indo-pacific region, International Politics and Conflict Resolution, Security and Foreign Policy of Russia and Central Asia

**Dr. Manasi Singh**, Assistant Professor, Centre for Security Studies

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

**Mr. T.K. Singh**, Assistant Professor, Centre for Security Studies

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

## Papers published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1	Vishwanathan, Arun	Indian Nuclear Doctrine: Recent Debates	Vijay Sakhuja (ed.) Pentagon Yearbook: South Asia Defence and	February, 2020, Pentagon Press, New Delhi

			Strategic Perspective 2020	
2	Singh, Manasi	The European Union and Asian Strategic Order: Normative Aspirations and Strategic Interests	Gulshan Sachdeva (ed.) Challenges in Europe: Indian Perspectives.	Palgrave Macmillan.

### Other Publications (Magazines, Newspapers, web portals)

Sr. no.	Name/s of the author in the order they appear in publication	Title	Month/year of publication/ name of the publisher and place
1	Vishwanathan, Arun	Must Protect National Interest	Defense and Security Alert, 10(12), September 2019, New Delhi
2	Vishwanathan, Arun	Invest More for Indigenous Growth	Defense and Security Alert, 10(5), February 2019, New Delhi.
3	Singh, Thangjam Khurshchev	Security Studies in Manipur University: Prospect and Challenges	The Sangai Express, 24 June 2019, Imphal

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/ conference/workshop	Organizing body and place	Date/s of the programme
1	Jha Sanjay Kumar	"Gandhi and Conflict Resolution: Understanding India's Response to Terrorism"	"Gandhi, Conflict Resolution and Peace: Emerging Dynamics in Twenty-First Century",	Centre for Gandhian Thought and Peace Studies, School of Social Sciences, Central University of Gujarat, Gandhinagar	30 October 2019
2	Jose, Kishor		International Conference on	Centre for Diaspora Studies, Central University of Gujarat,	10-11 February 2020

			Diaspora Governance in International Relations: Opportunities and Challenges for India	Gandhinagar, India	
3	Singh, Nongmaithem Mohandas	Refugee Crisis and India's Response: Humanitarianism Vs. State Security?	Diaspora Governance in International Relations: Opportunities and Challenges for India'	Centre for Diaspora Studies, Central University of Gujarat	10-11 February 2020.
4	Singh, Manasi	Multilateralism in a Changing Global Order: Prospects for India-EU Cooperation	India and EU: Joining Forces on Global Scale	University of Würzburg, Würzburg (Germany)	20-22 November 2019
5	Singh, Thangjam Khurshchev	Indian Police and Cyber Security: A Case Study of Social Media and Darknet Management by Manipur Police	International Conference on Police Science	Rakshasakti University, Gujarat,	6-7 September 2019
6	Singh, Thangjam Khurshchev	Non-Violent Strategy in India's Counter Terrorism Campaign	Gandhi, Conflict Resolution and Peace: Emerging Dynamics in Twenty First Century	Center For Gandhian Thought and Peace Studies	30 September-02 October 2019

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1	Jha, Sanjay Kumar	"Insurgency and Terrorism in South Asia: An Overview"	Special Lecture to Students and Faculty	Special Lecture

			At Gujarat National Law University, 18 Sep 2019	
2	Jha, Sanjay Kumar	"Technology and Futuristic Policing	International Conference on Police Science (ICPS) 2019, organised at Raksha Shakti University, Ahmedabad, 06 Sep 2019	Talk
3	Jha, Sanjay Kumar	"Insurgency and Terrorism in India"	Faculty Development Programme at Gujarat National Law University, Gandhinagar on 05 May 2029	Special Lecture
4	Vishwanathan, Arun	Introduction to Online Research Databases and Referencing Software	Lecture at 10-day ICSSR-supported Research Methodology Workshop at Documentation Research and Training Centre, Indian Statistical Institute, Bangalore, November 25, 2019	Resource Person
5	Vishwanathan, Arun	Using Reference Software in Preparing Research Manuscripts	Lecture at 10-day ICSSR-supported Research Methodology Workshop at Documentation Research and Training Centre, Indian Statistical Institute, Bangalore, November 25, 2019	Resource Person
6	Vishwanathan, Arun	Understanding Constructivism and Theory of International Relations	B.A. LLB Programme, Gujarat National Law University, 20 August, 2019	resource person
7	Vishwanathan, Arun	Understanding Gender and Theory of International Relations	B.A. LLB Programme, Gujarat National Law University, 20 August, 2019	resource person
8	Singh, Nongmaithem Mohandas	Changing Nature of Security : Traditional and Non-traditional debate	B.A. LLB Programme, Gujarat National Law University, 27 September 2019	resource person
9	Singh, Manasi	India and Europe in the Indo-Pacific	Two-day Trilateral Workshop on Maritime Journey of Contemporary Indian Security, in collaboration with Maritime History Society and	Panel Discussant

			University of Mumbai, 26-27 February 2020	
10	Singh, Thangjam Khurshchev	Cyberspace and National Security	English Talk	All India Radio, Imphal, 21 July 2019

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

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1	Jha, Sanjay Kumar	Three-day International Conference on "Gandhi, Conflict Resolution and Peace: Emerging Dynamics in Twenty-First Century"	Centre for Gandhian Thought and Peace Studies, School of Social Sciences, Central University of Gujarat, Gandhinagar, 30 October 2019	Chaired inaugural session
2	Jha, Sanjay Kumar	Distinguished Lecture Series, delivered by Dr. Radha Kumar on "Key Issues of Peace Research in India"	Centre for Gandhian Thought and Peace Studies, School of Social Sciences, Central University of Gujarat, Gandhinagar, , 16 Sep 2029	Chaired Distinguished Lecture Series
3	Jha, Sanjay Kumar	International Conference on Police Science (ICPS) 2019, 05 Sep 2019	Raksha Shakti University, Ahmedabad on 05-06 Sep 2019.	Chaired Session
4	Vishwanathan, Arun	Workshop on 'Geographical Information System (GIS) and National Security"	Centre for Security Studies, School of National Security	Workshop Convenor

			Studies, March 1-7, 2020	
5	Jose, Kishor	Workshop on 'Geographical Information System (GIS) and National Security'	Centre for Security Studies, School of National Security Studies, March 1-7, 2020	Organizing Committee Member
6	Singh, Nongmaithem Mohandas	Workshop on 'Geographical Information System (GIS) and National Security'	Centre for Security Studies, School of National Security Studies, March 1-7, 2020	Organising Committee Member
7	Singh, Manasi	Workshop on 'Geographical Information System (GIS) and National Security'	Centre for Security Studies, School of National Security Studies	Organising Committee Member
8	Singh, Thagjam Khurshchev	Workshop on 'Geographical Information System (GIS) and National Security'	Centre for Security Studies, School of National Security Studies, March 1-7, 2020	Organising Committee Member
9	Singh, Manasi	Two-day Trilateral Workshop on Maritime Journey of Contemporary Indian Security, in collaboration with Maritime History Society and University of Mumbai	26-27 February 2020	Co-Convenor

### Participation in training/ orientation/refresher programme

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1	Jose , Kishor	UGC, Orientation Programme	6 January 2019 to 26 January 2020	Participant
2	Jose, Kishor	Workshop on "Geographical Information Systems (GIS) and National Security"	March 1 - 7, 2020.	Participant



3	Singh, Nongmaithem Mohandas	Training Workshop on 'GIS and its applications for National Security using the ArcGIS platform'	15 February 2020	Participant
4	Singh, Nongmaithem Mohandas	One-week Training Workshop on 'Geographical Information System (GIS) and National Security'	1 – 7 March 2020	Participant
5	Singh, Manasi	Training Workshop on GIS and National Security	March 1-7 2020	Participant
6	Singh, Thagjam Khurshchev	One Week Workshop on Geographic Information System (GIS) and National Security	1-7 March 2020	Participant

### Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1	Singh, Thangjam Khurshchev	Evolution of Cyber Security Policy: A Trend Analyses of India's Cyber Security Policy	Central University of Gujarat	1 Lakh	Ongoing

### Research student/s guided

Sr. no.	Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2019-20)
1	Jha, Sanjay Kumar	Ph.D M.Phil	Ph.D. – 02 M.Phil. – 01
2	Vishwanathan, Arun	Ph.D M.Phil	Ph.D. -01 M.Phil. – 01
3	Jose, Kishor	M.Phil.	01

4	Singh, Nongmaithem Mohandas	M.Phil.	01
5	Singh, Manasi	M.Phil.	01

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

### Prof. Sanjay K. Jha

- Dean, School of National Security Studies
- Secretary, Finance Committee, Central University of Gujarat
- Chairman, School Board, School of International Studies
- Chairman, Committee of Advanced Studies and Research, School of International Studies
- Member, Executive Council, Central University of Gujarat
- Member, Academic Council, Central University of Gujarat
- Member, IQAC, Central University of Gujarat
- Member, Planning and Monitoring Board, Central University of Gujarat
- Member, Admission Committee, Central University of Gujarat

### Dr. Arun Vishwanathan

- Chairperson, Centre for Security Studies (March 21, 2018 onwards)
- Member, Academic 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, CUG Admission Committee 2018-19
- Member, CUG Admission Committee 2019-20
- Nodal Officer, CU Portal, Central University of Gujarat
- Member, Library Advisory Committee
- Member, Local Purchase Committee for General Items

### Dr. Kishor Jose

- Academic Council Member
- Senior Warden, CUG Hostel
- Member SNSS School board
- Member CSS Centre Board

### Dr. Manasi Singh

- Member, Academic Council
- Member, Board of Studies, Centre for Security Studies
- Member, Board of Studies, Centre for International Politics
- Member, Board of Studies, Centre for Hindi Studies

- Member, Student-Teacher Interaction Cell

**Dr. N. Mohandas Singh**

- Member, Centre Board of Studies, CSS

**Mr. T.K. Singh**

- Coordinator, MA Programme, Politics and International Relations, School of International Studies, Central University of Gujarat (CUG).
- Member, Centre Board of Studies, Centre for Security Studies.
- Executive Board Member, South Asian Society of Criminology and Victimology, Head Office: Tirunelveli, Tamil Nadu; and Branch Office: Ahmedabad, Gujarat, India.

# School of Social Sciences

## About the school

The School of Social Sciences has remained a dynamic institution since its inception in 2009. The students and faculty members are dedicated to scholarly studies in the diverse streams of social sciences. It ever seeks to analyse current contemporary regional, national and international issues and offer solutions to them. The school achieves a prominent status on the merit of its novel theoretical and methodological approaches. The school endeavours to maintain its tradition of excellence by means of developing innovative models, use of robust as well as effective methodologies to understand human behaviour and socio-economic dimensions of a diverse and digital society.

The vision of the School of Social Sciences is to bring together scholars from various backgrounds through comprehensive approaches that would range from formal to interpretative and qualitative to quantitative. It would be in order to address fundamental research questions and cater to resolving pressing social issues. The school ceaselessly establishes interdisciplinary connections to explore and develop in-depth understanding of social, psychological and cultural factors. It would lay an impact on adoption of policies, framing of regulations and issues related to gender and social justice. The school nurtures social scientists who would skilfully address the present day social and economic challenges by exploring an impact of anthropogenic activities and environmental interactions on energy, climate and ecology. Being multidisciplinary in scopes and open to innovative methodologies in social sciences, the school at the Central University of Gujarat encompasses all of humanity's increasing diversities and adds value to the social, economic and political systems.

## Social Work Programme (School level)

M.A in Social Work, a two-year programme, was initiated as a School level programme in the academic year 2017-18. The main objective of this program is to integrate social work skills and practices embedded in social sciences with the goal of rational understanding of policy formulation, monitoring and analysis in the larger governance framework. This program aims to train students to constructively engage with the policy makers and public so as to evolve innovative strategies through field action projects and practice-based research to become change agent in the society. The programmes also aims to train students in basic research and exposed for research activities during field work, which reflects in their field reports. Students are placed with different organizations that work on different issues in society/communities. They are supervised by the agency supervisor from the NGO, faculty supervisor and field work office coordinator. About 50 NGOs and Government Organizations in Ahmedabad and Gandhinagar have been identified for placing students for Concurrent and Block Field Work. Social Work Camp and Study tour are conducted for the Semester III and Semester IV students. In the last academic year (2019-21) programme was able to attract one foreign student from Afghanistan.

## Faculty Profile

**Prof. Sarita Agarawal**, Program Director,  
Dean School of Social Science

**Dr Parvathi K Iyer**, Assistant Professor, Centre for Studies in Science Technology and Innovation Policy,  
School of Social Sciences

**Dr Kunal Sinha**, Assistant Professor, Centre for Studies in Science Technology and Innovation Policy,  
School of Social Sciences

**Dr Shiju Sam Varughese**, Assistant Professor, Centre for Studies in Science Technology and Innovation  
Policy, School of Social Sciences

**Dr Sony Kunjappan**, Assistant Professor, Centre for Studies in Social Management, School of Social  
Sciences

**Dr Jayashree Ambewadikar**, Assistant Professor, Centre for Studies in Society and Development, School of  
Social Sciences

**Dr Shailendra Kumar**, Assistant Professor, Centre for Diaspora Studies

**Dr Hemant Kumar**, Assistant Professor and Coordinator M.A in Social Work, Centre for Studies in Science  
Technology and Innovation Policy and Programme

## Centre for studies in Economics and Planning

### About the Centre

The Centre for Studies in Economics and Planning was established in the year 2010 with a single programme entitled Integrated M. Phil/Ph.D.. The main aim of the Centre is to deliver quality education and inculcate research aptitude in the field of economics and planning. In addition to building a theoretical knowledge base in various fields 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. In the year 2015, the Centre introduced M.A. programme in economics intended to help the students to build the necessary toolkit so that they can overcome challenges in their future careers whether as an economic analyst or to follow a path through the policy analysis field or on the way to subsequent doctoral work. Presently the Centre offers the following programmes:

- M.A. In Economics
- M.Phil. in Economics
- Ph.D. in Economics

### Guest lectures in the Centre

Sr. No.	Date	Name of the speaker	Title of the lecture
1.	04.04.2019	Prof. Gaurang Rami	Forecasting using SPSS
2.	04.04.2019	Prof. Gaurang Rami	Econometric analysis using SPSS
3.	06.09.2019	Prof. A. Subba Rao	Migration and Economic Growth
4.	06.09.2019	Prof. A. Subba Rao	Industrialization in India: Issues and Challenges
5.	03.09.2019	Prof. Mrutyunjay Mishra	Environmental Issues and Challenges for globalisation
6.	06.08.2019	Prof. Sanjay	Multidimensional poverty India
7.	25.09.2019	Dr. Divya Ravindranath	Social Work and Health
8.	28.01.2020	Prof. Hippu Salk Kristle Nthan	Diagnosis and Dissection of Energy Poverty in India: A novel methodological approach
9.	31.01.2020	Mr. Srinivasan	Pricing and price control of Medicine in India

### Faculty Profile

**Prof. Sarita Agrawal**, Professor, chairperson and Dean, School of Social Sciences

Areas of Interests: Economics of Human Resources; Gender Economics; Education/ Institutional Economics

**Dr. Jaya Prakash Pradhan**, Associate Professor

Areas of Interests: Economics of Internationalization and Development; Firm-level Technological and Export Activities; Sectoral Analysis: Indian Pharmaceuticals, Automotive & Software Industries; Regional Development; and Applied Econometrics.

**Dr. Sarala Dasari**, Assistant Professor

Areas of Interests: Interests: Public Economics, Economics of Social Sector: Education Finance and Policy, Health Finance and Policy; Regional Development; Development Economics.

**Dr. Tulika Tripathi**, Assistant Professor

Areas of Interests: Interests: Social Sector Economics, Health, Gender, Microfinance and Women Empowerment, Employment.

**Dr. Kshamanidhi Adabar**, Assistant Professor

Areas of Interests: Interests: Economic Growth and Development, Convergence, Regional Development, Human Development, Labour Issues, Public Finance, Applied Econometrics.

### Papers published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1.	Turrey, Aizaj & Tripathi, Tulika	Impact of in-migration on the Local Labour Market of Kashmir	Handbook of Internal Migration in India	2019, Sage Publication

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/ conference/workshop	Organizing body and place	Date/s of the programme
1.	Agrawal Sarita	Women Domestic Workers In Urban Informal Sector: A Case Study Of Baroda City	international conference on removing obstacles to Gender Equality & Women's Economic Empowerment	International School of Economics, Tbilisi State University, Georgia	November 15-16, 2019.
2.	Agrawal Sarita	Gender and Market: Understanding Inclusion in context of Private	international Conference on Inclusive Education: present perspectives and Future Prospects	IUCTE, CASE, Faculty of Education and Psychology, The M.S. University of Baroda, Vadodara during	January 21-23, 2020.

		higher Education			
3.	Dasari Sarala	"The Effectiveness of Government Elementary Education Expenditure on Dropout rate in India"	781 <sup>st</sup> International Conference on Social Science and Humanities	International Academy for Science Technology Engineering and Management (IASTEM), Rome, Italy	20 <sup>th</sup> -21 <sup>st</sup> , February, 2020.
4.	Tripathi, Tulika	Let Indian Women move-out of homes, other capabilities will follow	HDCA 2019 annual conference on Connecting capabilities	UCL Institute of Education, London, UK	September, 9th - 11th 2019
5.	Tripathi, Tulika	Home based women worker; compulsion or choice	2019 37th International Labour process conference	University of Wien, Vienna, Austria	April , 24 – 26, 2019

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Agrawal Sarita	Public Expenditure and Human Capital Growth: An Empirical Analysis,	50 <sup>th</sup> Annual Conference of Gujarat Economic Association	N.S. Patel College, Anand	January 3-5, 2020.
2.	Adabar Kshamanidhi and Chandra Rajesh	Human Capital and Economic Growth across Indian States	TIES Annual Conference , 2020	Madurai Kamraj University, Madurai	8-10, January 2020



3.	Sahoo Trupti Mayer and Adabar Kshamanidhi	Determinants of Structural Change in India,, : A State wise Analysis	TIES Annual Conference, 2020	Madurai Kamraj University, Madurai	8-10, January 2020
4.	Borderlands Anil and Adabar Kshamanidhi	Transmission Channels Business Cycle and Co- movements: Evidence from India	TIES Annual Conference, 2020	Madurai Kamraj University, Madurai	8-10, January 2020

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1.	Agrawal Sarita	Gender and employment	UGC Sponsored Refresher Course in Economics in the School of Social Sciences of the Gujarat University from December 2, 2019 to December 15, 2019. December 6, 2019	Guest lecture
2.	Agrawal Sarita	Globalisation and migration	UGC Sponsored Refresher Course in Economics in the School of Social Sciences of the Gujarat University from December 2, 2019 to December 15, 2019. December 6, 2019	Guest lecture
3.	Pradhan, Jaya Prakash	Techniques of Analyzing Qualitative Data in Social Sciences	ICSSR Sponsored Ten Days Research Methodology Course for M. Phil/Ph.d/PDF in Scholars Social Sciences, IGNTU, Amarkantak, 12/09/2019	Invited lecture
4.	Pradhan, Jaya Prakash	Composite Indices in Social Sciences: Methodology of Construction & Uses	ICSSR Sponsored Ten Days Research Methodology Course for M. Phil/Ph.d/PDF in Scholars Social Sciences, IGNTU, Amarkantak, 13/09/2019	Invited lecture

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

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1.	Agrawal Sarita	international Conference	IIDS, Australia and Shah and Desai Commerce College, Surat, February 12-13, 2020.	Session Chair
2.	Agrawal Sarita	National Workshop on Qualitative research in Education, organised by School of Education, Central University of Gujarat, Gandhinagar	September 22-25, 2019.	Valedictory address
3.	Agrawal Sarita	Round Table Conference-Discussion on Women Empowerment during the run up to International Women's Day	8th March, 2020.	Discussant
4.	Tripathi Tulika	ISLE annual Conference at Patiala	7 - 9 December 2019	Discussant

**Participation in training/ orientation/refresher programme**

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1.	Agrawal Sarita	Evaluation Reforms Workshop conducted by UGC, new Delhi at IISER, Pune	August 19-20, 2019	Participant as CUG nominee
2.	Dasari Sarala	Refresher Course Research Methodology	13 <sup>th</sup> June to 26 <sup>th</sup> June, 2019.	Participant

## Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1.	Agrawal Sarita	Women Domestic Workers In Urban Informal Sector: A Case Study Of Baroda City	GEASJFT, Vadodara.	50,000	completed
2.	Agrawal Sarita	Self-financing in Higher Education: A Case Study of Grant-in-aid Universities in Gujarat	IUCTE, Faculty of Education and Psychology, The M.S. University of Baroda, Vadodara.	6, 38, 000	completed
3.	Dasari Sarala	An Assessment of Elementary Education: Experiences from India.	Central University of Gujarat under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching PMMMMNMTT	150000/-	ongoing
4.	Tripathi, Tulika	Long Term Home based and Community care for Elderly	ICSSR	10,00000/-	Ongoing
5.	Nizami, Naushin & Tripathi, Tulika	Effect of long term care-giving of elderly on caregivers, Economic and noneconomic burden of care-giving on household.	ICSSR	4,00000/-	Ongoing

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

Sr. no.	Name	Details of the award/prize, etc. with date
1.	Agrawal Sarita	Member of the ICSSR Committee for review of Research Proposals under ICSSR-IMPRESS Scheme.
2.	Agrawal Sarita	Visiting fellow at Centre for Advanced Studies in Economics, Sardar Patel University, Vallabh Vidhyanagar,

### Research student/s guided

Sr. no.	Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2019-20)
1.	Prof. Sarita Agrawal	M. Phil	5
		Ph. D	4
2.	Dr. Jaya Prakash Pradhan	M. Phil	4
		Ph. D	3
3.	Dr. Sarala Dasari	M. Phil	1
		Ph. D	2
4.	Dr. Tulika Tripathi	M. Phil	2
		Ph. D	2
5.	Dr. Kshamanidhi Adabar	M. Phil	2
		Ph. D	4

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

A group of students from M.A., M.Phil. and Ph.D. visited Statue of unity and a few tribal villages in Vadodara district on November 15, 2019 along with three faculty members. The students studied various economic aspects relating to the same as part of their curriculum.

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

#### Prof. Sarita Agrawal

- Dean, School of Social Sciences
- Chairperson, Centre for Studies in Economics and Planning

- Member, University Court
- Member, Executive Council
- Member, Academic council
- Chairperson, Centre Board of Studies
- Chairperson, School Board of Studies
- Chairperson, Committee for Advanced Studies and Research
- Chairperson, Departmental Academic Integrity panel, CSEP
- Convener, Committee for preparation of Annual Report 2018-19
- Convener, Constitution of Ordinance and Statutes Committee
- Member, Admission Committee 2018-19 and 2019-20
- Member, Publication Grant Committee
- Member, Library Advisory Committee
- Member, CASR, Centre for Diaspora Studies
- Member of the Deans' committee
- Member, Departmental Academic Integrity panel, Centre for Diaspora Studies

# Centre for Gandhian Thought and Peace Studies

The Centre was established in 2015 with the purpose of nurturing and creating knowledge and research in Gandhian Thought and Peace Studies. The research activities at the Centre are themed around the historical and philosophical approaches to Gandhi's thought and ideas. The programme aims at equipping the students with theoretical knowledge of politics as well as political processes. Students will also explore the society-politics interface. Another objective of the programme is to impart to the students a theoretical understanding of philosophy of science and social science, and practical methods for research in political science.

## Guest lectures in the Centre

Sr. no.	Name of the lecture	Name of the speaker	Date
1.	Key Issues for Peace Studies in India	Radha Kumar	16 September 2019
2.	Gandhi and King: Soul Force and Social Change	Prof. Michael Sonnleitner	11 March 2020
3.	Tolstoy- Gandhi Correspondence	Galina Evtushenko	12 March 2020
4.	Participation of Alexandra Tolstoy in Correspondence between Tolstoy and Gandhi.	Anna Evtushenko	12 March 2020
5.	Tolstoy's "The Kingdom of God is within you": Lasting Influence on Gandhi	Girish Munjal	12 March 2020
6.	Gandhi and the Jews-The Jews and Gandhi	Shimon Lev	22 January 2020
7.	A Gandhian Conception of Political Ideals	Akeel Bilgrami	10 January 2020
8.	Kashmir: Lessons Learned and Unlearned	Radha Kumar	16 September 2019
9.	The Changing Indian Polity and its Implications for Politics	Manjari Katju	2 August 2019
10.	The Changing Indian Polity and its Implications for	Ali Ahmed	2 August 2019
11.	Reading Gandhi in <i>Arthashastra</i> Tradition	Manindra Nath Thakur	11 December 2019
12.	A Worm's Eye view of Peacekeeping	Ali Ahmed	17 January 2020

## Faculties at the Centre level

**Dhananjay Rai**, Assistant Professor

Research Interest : Political Theory, Political Community, Critical Theory.

**Jagannathm Begari**, Assistant Professor

Research Interest: Social Movements, Democratization, Political thought.

**Beryl Anand**, Assistant Professor and coordinator

Research Interest: Religion and Violence in South Asia and Middle East, Democracy.

**Smruti Ranjan Dhal**, Assistant Professor

Research Interest: Political Theory and thought, Civil Disobedience.

**Priya Ranjan Kumar**, Assistant Professor

Research Interest: Security and Peace in the Middle East, Gandhian movements for Social Change.

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1.	Rai, Dhananjay	Tolerance and liberalism: Studying government and governance.	Indian Journal of Public Administration	June 12, 2019, Volume: 65 No. 2.
2.	Rai, Dhananjay	Book Review: Ghanshyam Shah, Democracy, Civil Society and Governance, New Delhi: SAGE, 2019	Indian Journal of Public Administration	March 16, 2020, Volume 66, No.1.
3.	Kumar, Priya Ranjan	Comprehensive Security Regime in Gulf Region: Prospects and Challenges	Asian Journal of Middle Eastern and Islamic Studies	October 2019, Vol. 13 No. 4,

## Papers published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1.	Rai, Dhananjay	Beyond othering: A study of Hindu political in Gujarat	Religion and Politics in India	2020/ Routledge /Taylor and Francis, London
2.	Kumar, Priya Ranjan	Silk Road from Past Experiences to Present Realization: Travelling through Security Gulf Road from India to Iran	India and the Silk Road: Exploring Current Opportunities	2019, Primus Books, Delhi

## Other Publications (Magazines, Newspapers, web portals)

Sr. no.	Name/s of the author in the order they appear in publication	Title	Month/year of publication/ name of the publisher and place
1.	Rai, Dhananjay	Aakrosh ka darshan	February /2020/ Sablog/ New Delhi
2.	Begari, Jagannatham	Public Policy and Human Rights	National Resource Centre, Central University of Rajasthan through SWAYAM

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Dates of the programme
1.	Rai, Dhananjay	Gandhi – Ambedkar Debate De-	The Gandhian Way: An Idea whose Time has Come?	Shaheed Bhagat Singh College, University of	11-12 April, 2019



		essentialisation in Exclusion		Delhi and Nehru Memorial Museum & Library (NMML)	
2.	Rai, Dhananjay	Irreconcilable Reconciliation and Recovering the Political: A Quest for De- Identitarianism in South Asia	Ireland India Institute Conference on South Asia	All Hallows Campus, Dublin City University, Drumcondra, Dublin	24-26, April 2019
3.	Rai, Dhananjay	Contested Representation: Dalit, Popular Hindi Cinema and Public Sphere	Asia on the Rise?	Association of Asian Studies and Thammasat University, Bangkok, Thailand	July 1-4, 2019
4.	Rai, Dhananjay	Gandhi, Law and Justice	150 Years of Mahatma Gandhi	AURO University, Surat	September 21, 2019
5.	Rai, Dhananjay	Peace Studies and Capitalism: Exploring Gandhi's Intervention	Gandhi, Conflict Resolution and Peace: Emerging Dynamics in the Twenty-First Century,	Centre for Gandhian Thought and Peace Studies School of Social Sciences, Central University of Gujarat.	September 30 – October 2, 2019
6.	Rai, Dhananjay	Gandhi, Law, and Justice: A Study of Civil Disobedience	Gandhi 150 Satyagraha in the 21 <sup>st</sup> Century Social, Ethical and Spiritual Dimensions of the Global Pursuits of Truth,	Council for Social Development (New Delhi)	October 22- 24, 2019

7.	Rai, Dhananjay	Precarity and Neoliberal Self	international conference on Precarious Lives, Uncertain Futures	University of Rome Tor Vergata, Rome, Italy	January 29-31, 2020
8.	Begari, Jagannatham,	The Telangana Folk Literature and Indian Diaspora: Their Role in the Process of Democratization	International Conference on Diaspora Governance in International Relations: Opportunities and Challenges for India	Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar	10-11 February 2020
9.	Anand, Beryl	Discourses on Civilization: Gandhi's Reflections	Gandhi, Conflict Resolution and Peace: Emerging Dynamics in the Twenty-First Century,	Centre for Gandhian Thought and Peace Studies School of Social Sciences, Central University of Gujarat,	September 30 – October 2, 2019
10.	Anand, Beryl	War on Terrorism and the State in South Asia: A Human Rights Perspective	Fourth International Conference of the South Asian Society of Criminology and Victimology (SASCV)	Raksha Shakti University, Hotel Pride Plaza, Ahmedabad	30-31 January 2020
11.	Anand, Beryl	Trafficking and Migration: A Human Rights Perspective	International Conference on Social Work, Law and Human Rights.	Gujarat National Law University, Gandhinagar	February 01 – 02, 2020
12.	Dhal, Smruti Ranjan	Gandhi, Moral Conflict and Civil Disobedience	Gandhi, Conflict Resolution and Peace: Emerging Dynamics in Twenty-First Century	Centre for Gandhian Thought and Peace Studies School of Social Sciences, Central	September 30-October 2, 2019

				University of Gujarat	
13.	Kumar, Priya Ranjan	Comprehensive Security Regime in Gulf Region: Prospects and Challenges	A Peace Process for the Gulf: International Initiatives and Gulf Conflict Resolution	Gulf Research Centre Cambridge, University of Cambridge, the United Kingdom	15-18 July 2019
14.	Kumar, Priya Ranjan	Emerging Dynamics of War and Peace in Contemporary World: Learning from Leo Tolstoy and M.K. Gandhi	Tolstoy to Gandhi: A Philosophical Journey	Gandhi Bhawan, University of Delhi, Delhi	21-22 November 2019
15.	Kumar, Priya Ranjan	Tragedy of the U.S. Alliance politics in West Asia: Implications on India	Iran Turkey and Saudi Arabia- Regional Rivalries & Alliances: Implications for India	Department of West Asian and North African Studies, Aligarh Muslim University, Aligarh	9-11, January 2020
16.	Kumar, Priya Ranjan	India's pragmatic approach towards West Asia: Reflection on Saudi Arabia, Israel and Iran	India's Emerging Relations with West Asian Countries: A Global Perspective	UGC- Human Resources Development Centre, Jamia Millia Islamia, New Delhi	27-28, January 2020

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Rai, Dhananjay	Gandhi and the Constructive Programme: Resurrection of the "Extra-Parliamentary	Sixth Creative Theory Colloquium, 2019 on Democracy and Satyagraha	Foundation for Creative Social Research, New Delhi, in association with Raza Foundation, New Delhi & India International Centre, New Delhi	September 5-6, 2019
2.	Rai, Dhananjay	Gandhi, the antagonist	Mohan Das Karamchand Gandhi: Society Politics and Philosophy	Atma Ram Sanatan Dharma College (University of Delhi) and Indian Council of Philosophical Research, New Delhi	January 23-24, 2020
3.	Rai, Dhananjay	Peace Studies and Capitalism: Philosophy of Gandhi's Non-violence	Philosophy of Non-Violence and Gandhi	Mahatma Gandhi Antarrashtriya Vishvavidyalaya Wardha	February 25-26, 2020
4.	Begari, Jagannatham	Mapping the Vitality of Inclusive Education in the Era of Modern Period	Inclusion: Challenges and Possibilities	PMMNMTT, School of Education, Central University of Gujarat	28-29th February, 2020

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1.	Rai, Dhananjay	Gandhi Thought on Law and Justice	A panel discussion on Gandhi Thought on Law and Justice, Gujarat National Law University, Gandhinagar, September 20, 2019	By Invitation
2.	Rai, Dhananjay	Gandhi, Law and Justice: Retrieving the 'Principle of Antagonism'	A panel discussion on Gandhi: Today and Beyond, Faculty of Arts, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India, October 11, 2019.	By Invitation
3.	Rai, Dhananjay	Gandhi and Modern Ideologies	Gujarat Vidyapith (M. D. Gramseva Mahavidyalaya, Sadra), Gandhinagar, November 16, 2019	By Invitation
4.	Begari, Jagannatham	Universal Basic Income: Issues and Challenges for India	PDPU, Gandhinagar, 5 April 2019	By Invitation
5.	Begari, Jagannatham	Social Protection & Public Policy	Andhra Pradesh Human Resource Development Institute, 17 December 2019	By Invitation (On Skype)
6.	Dhal, Smruti Ranjan	Gandhism and Women Empowerment in 21st Century	Lecture, Government Women's College, Balangir, Odisha 12/09/2019	By Invitation
7.	Dhal, Smruti Ranjan	Gandhian Thought	Extra-mural Talk at Rajendra College, Balangir, Odisha 12/9/2019	By Invitation
8.	Dhal, Smruti Ranjan	Gandhi at 150	Programme Organised for Gandhi Jayanti by District Administration, Balangir, Odisha	By Invitation

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

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1.	Rai, Dhananjay	Indian Cinema: Politics, Representation and Nationalism	Asia on the rise? organized by Association of Asian Studies and Thammasat University, Bangkok, Thailand, July 1-4, 2019	Session Chair
2.	Rai, Dhananjay	European Perspectives on Precarity and Institutional Culture	Precarious Lives, Uncertain Futures, organised by University of Rome Tor Vergata, Rome, Italy, January 29-31, 2020.	Session Chair
3.	Anand, Beryl	Diversity, Inclusion and Gaps in Social Policy	International Conference on Social Work, Law and Human Rights, Gujarat National Law University, February 1-2, 2020	Session Chair

**Participation in training/ orientation/refresher programme**

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1.	Anand, Beryl,	Refresher Course in Social Sciences, HRDC, Gujarat University	9.October 2019- 22 October 2019	Participant
2.	Begari, Jagannatham	Refresher Course in Social Sciences, HRDC, University of Hyderabad	8 August to 21 August, 2019	Participant

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

Sr. no.	Name	Details of the award/prize, etc. with date
1.	Anand, Beryl	Third Best Paper in the International Conference on Social Work, Law and Human Rights, Gujarat National Law University, February 1-2, 2020.

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

### Dhananjay Rai,

- Member of Discipline Committee for Convocation 2020

### Beryl Anand,

- Coordinator, Centre for Gandhian Thought and Peace Studies
- Member, School of Social Sciences, Board of Studies
- Member, CASR, School of Social Sciences
- Member, Admission Committee (2020-21)

### Priya Ranjan Kumar

- Nodal Officer & Grievance Redressal Officer under section 23(1) of PWD Act, 2016,

# Centre for Studies in Science, Technology and Innovation Policy

The Centre is 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.

The Centre offers excellent academic environment that gives students international exposure and possibilities to interact with academicians, policy makers, S&T departments and agencies, civil society organisations and movements, entrepreneurs, innovators and technocrats. Scholars who finish the academic programmes at the Centre have wide employment opportunities in academics as well as governmental departments/agencies and civil society organisations.

## Programme offered by the Centre

M.Phil. and Ph.D. programmes in Studies in Science, Technology & Innovation Policy.

## Guest lectures in the Centre

Sr. no.	Name of the lecture	Name of the speaker	Date
1.	"Who is the Scientist-Subject? Affective History of the Gene",	Dr. Esha Shah, Assistant Professor, Department of Environmental Sciences, Wageningen University, the Netherlands.	August 8, 2018
2.	"Hanuman Chalisa, Sufi Dhikrs, and Past-life Regression: German Psychosomatic Medicine and Global Mental Health"	Prof. Harish Naraindas, Centre for the Study of Social Systems, School of Social Sciences, Jawaharlal Nehru University, New Delhi	January 22, 2019
3.	"Nation, Nature and Gender: Ruminations from Feminist Science Studies in India"	Dr. Gita Chadha Department of Sociology, University of Mumbai	August 29, 2019



4.	“Technology Foresight in the Indian Biopharmaceutical Innovation System: Strategies for Sustainable Development”	Dr. Pranav N. Desai, Former Professor, Centre for Studies in Science Policy, JNU, New Delhi	August 30, 2019
5.	“Technoscience Uncertainty and Values”	Prof. Prajit K. Basu, Department of Philosophy, Centre for Neural and Cognitive Sciences, Centre for Knowledge Culture and Innovation Studies, University of Hyderabad	September 06, 2019
6.	“Who’s in Charge of the Howrah Bridge? Engineering Expertise and the Political Economy of Late-Colonial India”,	Dr. Aparajith Ramnath, Assistant Professor, School of Arts and Sciences (&) Amrut Mody School of Management, Ahmedabad University	September 17, 2019
7.	“Responsible Research and Innovation in/for India Perspectives from RRI Practice Project”	Dr. Krishna Ravi Srinivas, Consultant, Research and Information System (RIS), New Delhi	October 10, 2019
8	“Learning Techno-science in Transition”	Dr. Leya Mathew, Assistant Professor, Social Sciences division, School of Arts and Sciences, Ahmedabad University	October 23, 2019

## Faculty profile

**Dr. Shiju Sam Varughese**, Assistant Professor & Coordinator, CSSTIP

Research 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. Parvathi K. Iyer**, Assistant Professor

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

**Dr. Kunal Sinha**, Assistant Professor

Research 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

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

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1.	Varughese, Shiju Sam	Edited the special issue on "Reimagining Kerala's Engagements with Modernity"	<i>Malayalam Research Journal</i>	January–April, 2020, Volume no. 13, Issue no.: 1.
2.	Varughese, Shiju Sam	"Kerala's Engagements with Modernity: Genealogies and Geographies"	<i>Malayalam Research Journal</i>	January–April, 2020, Volume no. 13, Issue no.: 1.
3.	Varughese, Shiju Sam	"Expertise at the 'Deliberative Turn': Multiple Publics and the Social Distribution of Technoscientific Expertise"	<i>Dialogue: Science, Society, Scientists</i>	06 February 2020 (online prepublication)
4.	Varughese, Shiju Sam	"From 'Women in Science' to 'Gendering of Knowledge': A Review Essay on Feminist Studies of Science in India"	<i>Social Change</i>	December, 2019, Volume 49, Issue no. 4.
5.	Lala, Kanchan & Sinha, Kunal	"Role of Technology Incubation in India's Innovation System: A Case of IIT Kanpur Incubation Centre"	<i>Millennial Asia</i> . Sage Publication	April 2019. Vol. 10, No 1
6.	Vandana & Sinha, Kunal	"The Influence of Packaging and Technology on Shelf-Life of Milk and Milk Products: An Overview"	<i>Think India Journal</i>	November 2019, Vol-22- Issue-10
7.	Vandana & Sinha, Kunal	"Supply Chain Management: A Case of Dairy Industry in Gujarat"	<i>Our Heritage</i>	December, 2019, Vol-67.

8.	Sharma, Gautam and Kumar, Hemant	"Commercialising innovations from the informal economy: The grassroots innovation ecosystem in India"	<i>South Asian Journal of Business Studies</i>	March 2019, Volume 8 Issue No. 1
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#### Papers presented at international seminar/conference/workshop, etc

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Kumar, Hemant	"Gandhi and the Honey Bee Network Movement in India"	Gandhi, Conflict Resolution and Peace: Emerging Dynamics in Twenty-First Century" to commemorate 150 <sup>th</sup> birth year of M. K. Gandhi	Centre for Gandhian Thought and Peace Studies, School of Social Science, Central University of Gujarat, Gandhinagar, Gujarat	September 30-October 2, 2019

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Varughese, Shiju Sam	"On the Assembly of Disfigured Bodies: Rethinking the Category of 'Public' in the context of the Endosulfan Pesticide Disaster in Kasaragod, Kerala"	National Seminar on Bodily Habitations: Cinema, Caste, Religious and Gender Practices	SN School of Arts and Communication, University of Hyderabad.	12.03.2020
2.	Varughese, Shiju Sam	"Image, Self and Media: On	One Day Workshop on Media,	Centre for Comparative	26.02.2020

		the Materiality of the Screen"	Technology and Textuality.	Literature and Translation Studies, Central University of Gujarat	
3.	Varughese, Shiju Sam	"Channeling Gandhi, Marx and Ambedkar"	Panel discussion at the Kerala Literature Festival, Kozhikode, Kerala	DC Kizhakkemuri Foundation, Kottayam, Kerala	16.01.2020
4.	Sinha, Kunal	Pandit Madan Mohan Malviya and his vision on Indian Higher Education	One day National Symposium on "Relevance of Educational Thoughts of Pandit Madan Mohan Malaviya (PMMM) in Indian Context	Centre for Policy Research in Education (CPRE) School of Education, Central, University of Gujarat, Sector-29, Gandhinagar	7 <sup>th</sup> February 2020

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1.	Varughese, Shiju Sam	"Science and Media"	Azim Premji University, Bengaluru on 10.03.2020.	Invited Classroom Lecture
2.	Varughese, Shiju Sam	"Who is an Expert? Debates on Social Distribution of Expertise in Public Controversies over Technoscience"	Azim Premji University, Bengaluru on 10.03.2020.	Invited Public Lecture
3.	Varughese, Shiju Sam	"The Science Question in Dr. B.R. Ambedkar: Sovereignty, Knowledge, and Form-of-Life"	Kerala Council of Historical Research, Thiruvananthapuram on 20.12.2019.	Invited Public lecture
4.	Varughese, Shiju Sam	"Gender and Science"	Course on 'Women's Studies: Interdisciplinary Perspectives' (August	Invited Talk

			19–September 30, 2019) organized by Women’s Studies Research Centre, Faculty of Family and Community Sciences, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat on 19.09.2019.	
5.	Varughese, Shiju Sam	"Gender and Science: An Enquiry into Feminist Perspectives"	Department of Political Science, Maharajas College Ernakulam on 15.08.2019.	Invited Public Lecture
6.	Varughese, Shiju Sam	"Politics of Knowledge and Research Ethics"	School of Social Sciences, Mahatma Gandhi University, Kottayam at 11.30 am on Wednesday, 16.08. 2019.	Invited Public lecture
7.	Varughese, Shiju Sam	"Ecological Crises: Policy Relevant Science and Democratic Imagination"	Monthly Science Seminar Series, Kerala Sasthra Sahitya Parishad, Thrissur District, Kerala on 12.08.2019.	Invited Public Lecture
8.	Varughese, Shiju Sam	"Practicing Interdisciplinary in India: Sharing the Experience of Establishing a University Department"	Ahmedabad University, Ahmedabad on 01.05.2019.	Invited talk
9.	Kumar, Hemant	"Innovation and Design"	National Institute of Design (NID), PG Campus, Gandhinagar, Gujarat, August 24-30, 2019	Invited to teach a course module

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

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1.	Sinha, Kunal	Two days National Seminar on Inclusion: Challenges and Possibilities	Inclusion: Challenges and Possibilities" (CRE Accredited by Rehabilitation Council of India), under the scheme of PMMMNMTT, Centre for Professional Development of Teacher Educators, 28th and 29th February 2020 two days National Seminar on	participant

**Participation in training/ orientation/refresher programme**

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1.	Kumar, Hemant	6 <sup>th</sup> Refresher Course in Contemporary Studies (Natural and Social Sciences) (Interdisciplinary)	December 9-21, 2019	participant
2.	Kumar, Hemant	One Week Workshop on Geographic Information Systems (GIS) and National Security, SNS, CUG	March 1-7, 2020	Participant

## Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1.	Kumar, Hemant, Bhaduri, Saradindu and Saikia, Abhinandan	"A Study of Agro-based Grassroots Innovations in India"	ICSSR, New Delhi	8 Lakh	Ongoing 2017-19

## Research student/s guided

Sr. no.	Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2019-20)
1	Varughese, Shiju Sam	PhD in Studies in Science, Technology and Innovation Policy	01
2	Sinha, Kunal	MPhil in Studies in Science, Technology and Innovation Policy	01

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

1. MPhil and PhD Students were taken for Field visit to Adalaj Stepwell, Adalaj, Ahmedabad, Coordinator Dr Hemant Kumar, November 12, 2019.
2. MPhil and PhD Students were taken for Field visit to Chamba, Himachal Pradesh and participated in Shodhyatra organized by SRISTI, Ahmedabad (January 5-14, 2020) Coordinator Dr Hemant Kumar.
3. MPhil and PhD Students were taken for Field visit to Science City, Ahmedabad on the Occasion of Science Day. February 28, 2020. (Coordinators: Dr Shiju Sam Varughese and Dr Hemant Kumar)

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

### Dr. Shiju Sam Varughese

- Coordinator, Centre for Studies in Science, Technology and Innovation Policy
- Member, the Fourth Academic Council of CUG, w.e.f. 20.02.2020
- Member, CSSTIP Board of Studies
- Member, Admission Committee, 2019-20, CUG

### Dr. Parvathi K. Iyer

- Member, Academic Council
- Warden, Girls Hostel, CUG
- Member, CSSTIP Board of Studies
- Member, M.A. in Social Work Board of Studies

### Dr. Kunal Sinha

- Member, CSSTIP Board of Studies
- Warden, Boys Hostel, CUG
- Member, Food Committee, CUG Second Convocation 2020
- Member IQAC, CUG
- Chairperson, Earn While You Learn Scheme, CUG
- Member, M.A. in Social Work Board of Studies

### Dr Hemant Kumar

- Programme Coordinator M.A. in Social Work, School of Social Sciences
- Member, Protocol and Procession Committee, CUG Second Convocation 2020.
- Member, CSSTIP Board of Studies
- Member, M.A. in Social Work Board of Studies



## Centre for Studies in Social Management

The Centre for Studies in Social Management (CSSM) was established to nurture a multidisciplinary approach which integrates disciplines of Social Work, Management and Public Policy embedded in the Social Sciences, for dealing with complex development issues. The Programme commenced in the year 2010-11.

Social Management as a discipline envisages a rigorous teaching and research programme that seeks to impart, understand and develop theoretical and practical knowledge and skills with respect to policy issues. The core idea is to have professionals and researchers who will contribute in innovative and critical ways to the development sector. Given the diverse actors in the policy domain, the Centre provides a platform for dialogue between academia, government, civil society and NGOs at various levels.

### Guest lectures in the Centre/School

Sr. no.	Name of the lecture	Name of the speaker	Date
01	Higher Education in India: Perspectives from the margins	Prof. R K Kale, Former Vice Chancellor, CUG	3 <sup>rd</sup> February 2020

### Faculty profile

**Dr. Sony Kunjappan** , Assistant professor

Research interest : Social Work Education, Governance of Institutions/Sector, Criminology, Police Studies; Criminal Justice Social Work and Human Rights

**Dr. Litty Denis**, Assistant professor

Research interest : Financial Inclusion, Microfinance, Women Empowerment, Corporate Social Responsibility

**Dr. Sudeep Basu**, Assistant professor and coordinator

Research interest : Refugee and Diaspora Studies, Migration, Anthropology of Displacement, Marginality and Exclusion, Sociology of Knowledge, Philosophical Anthropology

**Dr. M Roja Lakshmi** (on Contract)

Research interest : Sociology of Education, Social Movements, Research Methodology, Quantitative Methods, Gender and Health, Human Rights

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1	Kunjappan, Sony	Governance of Social Work Education in India: Understanding the needs, gaps and way forward towards effective delivery of social work programmes	Journal of Social Work Education, Research and Action (UGC care listed Journal)	April 2019; Vol.5; No.1
2	Kunjappan, Sony	Book Review of Global Security Cultures by Mary Kaldor, Polity Press	Indian Journal of Criminal Justice Sciences	December 2019; Vol 14; No.2
3.	Anto, Jasmy & Denis, Litty	Causal relationship of Social Exclusion and Educated Women Unemployment: An analysis based on Sen's Analytical Framework	Asia Pacific Journal of Research	July, 2019, 1 (C), 35-40

### Papers published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1.	Denis, Litty	Child Labour and Lack of Education: Distressing the Demographic Dividends of India	Sustainable Development in India: Emerging Scenarios and Concerns	September, 2019; Allied Publishers, New Delhi

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Moideen, Aslam & Kunjappan, Sony	Safety of Children at their Homes: A Criminological Perspective on the Implementation of POCSO Act at Kerala.	Future of Crime and Victimization: Issues of Governance and Policy	South Asian Society of Criminology and Victimology, Ahmedabad	30 <sup>th</sup> & 31 <sup>st</sup> January 2020
2.	Kishan, Pooja & Kunjappan, Sony	Reinventing Legal Education In India: Infusing 'Applied Law Techniques' Leading To Better Justice Delivery	The Future of Justice Education in South Asia, Regional Conclave	South Asia Network for Justice Education.  Nirma University, Ahmedabad	8 <sup>th</sup> and 9 <sup>th</sup> November 2019
3.	Denis, Litty	Microfinance Interventions and Enhanced Capabilities: Creating the Inevitable Connect Among Indigenous People at a Village in Gujarat, India	'Connecting Capabilities'- Annual Human Development Capability Association (HDCA) Conference, 2019	HDCA; University College London, U.K.	9 <sup>th</sup> to 11 <sup>th</sup> September, 2019
4.	Basu, Sudeep	Mediatized diaspora and the Unraveling	Centrality of the Marginalized: Tibet, China and India	University of Westminster, UK, in India Habitat Centre, New Delhi	22nd July 2019

		of the Tibetan People			
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**Papers presented at national/regional level seminar/conference/workshop, etc.**

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1	Majumder, Navaneeta & Kunjappan, Sony	Governance of Social Work Education in India	Social Care and Social Wellbeing : Challenges and Opportunities for Social Work Profession	National Association of Professional Social Workers in India & UGC –Centre for Advance Studies in Social Work, Department of Social Work, University of Lucknow, Lucknow	11 <sup>th</sup> - 13th October, 2019
2.	Swain, Deepak Kumar & Kunjappan, Sony	The Relevance of Gandhi's Idea of Education in Present Society: A Critical Study"	Relevance of Mahatma Gandhi's Thoughts (In Present Scenario	Sponsored by UGC, Organized by Dept. of Political Science & Public Administration, Sarojini Naidu Govt. Girls P.G. (Autonomous) College, Shivaji Nagar, Bhopal, MP	27-28 June 2019
3.	Basu, Sudeep	Rethinking 'People' and 'Ethnicity' in an age of Coerced Migrations	Citizenship in Contemporary Times	Institute of Development Studies, Kolkata	19-20 November 2019

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1.	Kunjappan, Sony	Legal Education Vs Justice Education	The Future of Justice Education in South Asia, 08 <sup>th</sup> November 2019, Nirma University, Ahmedabad	Panelist
2.	Denis, Litty	Panel Discussion on Corporate Social Responsibility- 'Why Corporates insist on Social Projects'	Social -Boot camp for Social Entrepreneurs, GUSEC, Gujarat University. 9 <sup>th</sup> to 11 <sup>th</sup> January, 2020.	Panelist
3.	Basu, Sudeep	Land, Caste and Identities	International conference Populism and Populist Politics in South Asia with Special Reference to India, 31 <sup>st</sup> August and 1 <sup>st</sup> September, 2019 by Mahanirban Calcutta Research Group	Discussant

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

Sr. no.	Name	Name of the programme	Name of the programme with date/s	Nature of participation
1	Kunjappan, Sony	4 <sup>th</sup> International Conference of South Asian Society of Criminology and Victimology	4 <sup>th</sup> International Conference of South Asian Society of Criminology and Victimology, 30 <sup>th</sup> & 31 <sup>st</sup> January 2020, Ahmedabad	Programme Co-Chair- As part of the Organizing Committee. Conference Theme- Future of Crime and Victimization: Issues of Governance and Policy
2	Kunjappan, Sony	International Conference on Police Sciences, 2019	Child in Conflict with Law and Crime against Children, 6 <sup>th</sup> and 7 <sup>th</sup> September 2019.	Chaired Session-

3	Kunjappan, Sony	International Conference on Social Work, Law and Human Rights	Social Work & Criminal Justice System, GNLU, 1 <sup>st</sup> & 2 <sup>nd</sup> February 2020	Chaired session
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### Participation in training/ orientation/refresher programme

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1.	Kunjappan, Sony	National Workshop for Academic Administrators on Academic Leadership organized by UGC HRDC, University of Madras	22 <sup>nd</sup> January 2020 to 28 <sup>th</sup> January 2020 (7 days)	Participants
2.	Kunjappan, Sony	2 Days Workshop on Social Norms for Social Change, jointly organized by UNICEF and MS University, Baroda	13 <sup>th</sup> and 14 <sup>th</sup> September 2019 (Two Days)	Participants
3.	Kunjappan, Sony	One day Round Table Conference on Field Work Placements at Criminal Justice Settings, TISS, Mumbai	25 <sup>th</sup> October 2019 (1 day)	Resource Person and Discussant
4.	Kunjappan, Sony	Faculty Development Workshop, organized by UNICEF and Jamia Millia Islamia	27 <sup>th</sup> to 29 <sup>th</sup> November, 2019 (3 days)	Discussant
5.	Kunjappan, Sony	One Week Workshop on Geographic Information Systems (GIS) and National Security	1 <sup>st</sup> March to 07 <sup>th</sup> March 2020 (7 days)	participant
6.	Lakshmi, Roja M	Faculty Development Programme for Young Faculty of Colleges and Universities' Chennai	10.01.2020 – 14.01.2020	Participant

## Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1	Denis, Litty (Principal Investigator)	District Human Development Report of Mahisagar District, Gujarat	Gujarat Social Infrastructure Development Society, Government of Gujarat.	Rs. 6 Lakhs	Completed, August, 2019

## Research student/s guided

Sr. no.	Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2019-20)
01.	Kunjappan, Sony	PhD	02

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

Dr. Litty Denis participated and contributed in the Village Adoption Programme through the Unnat Bharat Abhiyan Programme of MHRD.

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

### Dr. Sony Kunjappan

- Coordinator, CSSM (Since 20<sup>th</sup> March, 2020)
- Member, CASR, SSS
- Member, SSS, School Board
- Member, Board of Studies, (BoS) M.A in Social Work, SSS
- Member, Ordinance Committee
- International Students' Advisor (ISA)
- Coordinator, Central University of Gujarat Alumni Association
- Member, Academic Calendar Review Committee
- Member, Admission Committee
- Member, Grievance Redressal Cell for Students' Election 2019

- Member, COVID 19 Cell
- Member, Discipline Committee

**Dr. Litty Denis**

- Nodal Officer, MGNCRE (NCRI), Hyderabad
- Member, Convocation Committee
- Member, Asset Verification Committee
- Member, Sports Advisory Committee
- Member, Centre Board, CSSD, SSS
- Member, School Board, SSS
- Member, CASR
- Member, Committee, Unnat Bharat Abhiyan
- Member, Advisory Committee, NSS

**Dr. Sudeep Basu**

- Coordinator of CSSM till 19<sup>th</sup> March, 2020
- Member, Project Cell
- Member, Admission Committee
- Member, CASR
- Member, Centre Board
- Member, School Board, SSS
- Member, Zero Semester Committee



# Centre for Studies in Society and Development

## About the Centre

Established in 2009, the Centre for Studies in Society and Development is one of the academic centres in the School of Social Sciences anchored to the disciplines of Sociology and Anthropology in articulating perspectives on development. The Centre aims to generate and disseminate knowledge on theoretical and applied aspects of society and development and the interfaces between them. Its courses introduce and engage with different theoretical formulations and debates concerning local as well as global issues related to social development. It tries to analyse different processes, actors, structures and power relations as constructed and contested by the state and different institutions as well. Teaching and research activities in the Centre are oriented towards contemporary questions pertaining to theoretical and applied dimensions of society.

## The Centre offers the following programmes:

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

## Guest lectures in the Centre/School

Sr. no.	Name of the lecture	Name of the speaker	Date
1.	Ambedkar and Scientific Temper	Prof. R. K. Kale	4-02-2020
2.	Social Benefits of Reservation: Mapping Social Mobility and the 'Paying-back' Tendency among the Middle Class	Prof. Pralhad Jogdand	17-02-2020

## Faculty profile

**Dr. Jayashree Ambewadikar**, assistant professor

Research interest: Studies on weaker Sections, Social Exclusion and Inclusive Policy, Studies on Poverty, Social Security Systems, Human Rights

**Dr. Sudarshan Papanna**, assistant professor and coordinator (till March 19, 2020)

Research interest: Urban Sociology, Studies of Caste, Studies of Indian Society and Sociology of Knowledge, Sociological Theories, Philosophy of Science and Social Sciences

**Dr. Khaikholen Haokip**, assistant professor and coordinator (since March 20, 2020)

Research interest: Human Rights, Social Movements, and Tribal Studies

**Dr. Madhumita Biswal** [On Contract]

Research interest: Sociology of Gender, Sociology of Health and Sociology of Development

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1	Ambewadikar, Jayashree	Book Review Social Movement in Tribal India	The Eastern Anthropologist	January-June (Volume 72), 2019

### Papers published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1	Haokip, Khaikholen Editor: Sudarshanam Gankidi	Human Rights NGOs in Manipur: Context, Roles and Challenges	Human Rights in India: Prospective and Retrospective	2019, Rawat Publications, Jaipur

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1	Haokip, Khaikholen	Indo-Naga Peace Process and the Kukis: A Plea for an Inclusive Approach	International Conference on Gandhi, Conflict Resolution and Peace: Emerging Dynamics in Twenty-First Century	Centre for Gandhian Thought and Peace Studies, Central University of Gujarat, Gandhinagar	30-09-2019 to 02-10-2019

### Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1	Ambewadikar, Jayashree	Financialisation and its Impact on Domestic Economics : An Interdisciplinary Enquiry in the Context of Select Indian States	Indian Council for Social Science Research	25 Lakhs	Completed  February 2017– August, 2019

#### Research student/s guided

Sr. no.	Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2019-20)
1	Ambewadikar, Jayashree	PhD	1

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

##### Dr. Jayashree Ambewadikar

- Member, Centre Board of Studies, Centre for the Studies in Society and Development
- Member, Equal Opportunity Cell
- Member, Departmental Academic Integrity Panel for Centre for Comparative Literature and Translation Studies, School of Language Literature and Cultural Studies, Central University of Gujarat, 2019-21
- Committee Member for framing Course Work for Research and Publication Ethics for Ph.D. Students at School of Social Sciences

##### Dr. Sudarshan Papanna

- Coordinator, Centre for Studies in Society and Development, School of Social Sciences (till March 19, 2020)
- Member of Admission Committee for CUCET 2020
- Member of Intake Committee for CUCET 2020
- Member, Centre Board of Studies, Centre for Studies in Society and Development
- Member, School Board of Studies, School of Social Sciences

## **Dr. Khaikholen Haokip**

- Coordinator, Centre for Studies in Society and Development, School of Social Sciences [since March 20, 2020]
- Member, Centre Board of Studies, Centre for Studies in Society and Development
- Member, Earn While You Learn Committee
- Member, Central University of Gujarat Alumni Association
- Member, Remedial Coaching for SC/ST/OBC (Non-Creamy Layer) and Minority Community

# Centre for Diaspora Studies

(Independent Centre)

## About the Centre

Centre for Diaspora Studies (CDS) was established in 2011 at the Central University of Gujarat, Gandhinagar, India. It offers M.Phil./Ph.D. Programme. CDS is an Independent Centre in the University, and as a unique inter-disciplinary Centre in India, it studies with its multidisciplinary framework various aspects and issues of migration and diaspora and their cultural, literary, social, demographic, political and economic impact on both the home and host countries with focus on the Indian diaspora. It is an established fact that the contribution of overseas Indians to the social, cultural, economic, philanthropic etc. spheres of India is very substantial. A sizeable body of literature now exists both in the forms of novels, biographies, autobiographies, diaries, short stories, dramas, poems (not to mention films) and scholarly writings on issues related to the historical, anthropological, sociological, political and economic aspects of the process of migration of people. Diaspora Studies has opened plethora of new research areas, which need to be studied and researched upon. The Centre with a multidisciplinary framework studies and addresses the mutual relations and converging contours of diaspora.

The Centre provides an excellent academic environment with a focus on participatory teaching and learning, use of ICT in teaching, periodical revision and updating of syllabus, field work exposures for students etc. The Centre invites scholars from prominent universities in India and abroad to deliver lectures on varied aspects of the subject, and it provides a platform for the students and faculties to learn the emergent issues in the subject. Students of the Centre are from different disciplinary backgrounds (in Humanities and Social Sciences). The faculties members of the Centre have their background in Humanities and Social Sciences and have specialization in different aspects of migration and diaspora.

## Programmes offered

M.Phil.-Ph.D. integrated programme in diaspora studies

## Guest lectures in the Centre/School

Sr. no.	Name of the lecture	Name of the speaker	Date
1	Life and living experiences of Indian expatriates in the Gulf.	Mr. Manoj Badoni, COO, Gulf Insurance Group, Bahrain	14 November
2	Role of Indian and Diasporic Media in Shaping Political Opinion and Indo-USA Relationship in the new Millennium	Dr. Shilpi Jha School of Journalism and Mass Communication Bennet University, Times Group, Gurugram	15 November 2019 4 - 5 PM

3	Out Migration from Gujarat and its Consequences	Prof. K C Das, Indian Institute of Population Sciences (IIPS), Mumbai	26 February 2020 3 - 5 PM
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### Faculty Profile

**Dr. Atanu Mohapatra**, Associate Professor & Chairperson

Areas of Interest: Migration and Diaspora Studies (Media and Diaspora, International Relations/Foreign Policy and Diaspora, Development and Diaspora), Media Studies

**Dr. Siba Sankar Mohanty**, Assistant Professor

Areas of Interest: Diasporic Literature, Socio-Cultural and Political aspects of Diaspora, Indian Diaspora, Caribbean Studies

**Dr. Naresh Kumar**, Assistant Professor

Areas of Interest: internal /international migration, Indian diaspora, population and demography, regional geography, tools and techniques in research methodologies

**Dr. Rajneesh Kumar Gupta**, Assistant Professor

Areas of Interest: Diaspora and International Relations, Indian Diaspora Policy, Indian Diaspora in Africa, Issues of Identity Retention, Integration and Assimilation among Diaspora, Human Rights of Migrant and Diasporic communities.

**Chapparban Sajaudeen Nijamodeen**, Assistant Professor

Areas of Interest: Literary Criticism and Theory, Migration and Diaspora Studies, Migration Rights and Human Rights, Refugee and Forced Migration Studies, Cultural Studies, Post 9/11 Studies, Contemporary English Literature/s, Muslim Literature, Minority studies and Research Methodology in Humanities.

**Dr. Shailendra Kumar**, Assistant Professor (on contract)

Areas of Interest: Sociological, anthropological and Diasporic theories along with rich field experience. His other areas of interests are cultural studies, education, migration, media, literature and cinema.

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

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Name of the Journal	Month/year of publication with volume and No.
1	Pradhan, Rama Krushna and Mohapatra Atanu Kumar	India's Diaspora Policy: Evidence of Soft Power Diplomacy under Modi	South Asian Diaspora	Jan 2020

2	Mohapatra Atanu Kumar	Indian Diaspora, Transnational Identity and Media	Communication Today	Jan-March 2020
3	Chapparban Sajaudeen Nijamodeen	“Religious Identity and Politics of Citizenship in South Asia: A reflection on refugees and migrants in India”	Published in “Identities and Citizenship” Issue of Development: the Quarterly Journal of the Society for International Development (SID) by Palgrave Macmillan, Rome, Italy.	December 2019 (electronic)

### Papers published in edited volume

Sr. no.	Name/s of the author in the order they appear in publication	Title of the article/paper	Title of the book	Month/year of publication/ name of the publisher and place
1.	Mohapatra, Atanu and Mohanty, Siba Sankar (2019)	“Diaspora and Nation Building: An Indo-Mauritian Perspective”	Diaspora and Nation Building	2019, Delhi: Prabhat Prakashan
2.	Pradhan, Rama Krushna and Mohapatra, Atanu	Panchayati Raj Institutions in Odisha: An Overview	Panchayati Raj in India (ed.)	2020, Stadium Press (India) Ltd, New Delhi
3.	Dr.Naresh Kumar	“Assessment of Socio-Economic and Health Vulnerabilities of In-Migrants in Delhi: A Perspective of Cycle Rickshaw Pullers”	Contemporary Health Issues in India: Challenges and Responses)	Rajesh Publications, New Delhi 2019
4.	Chapparban Sajaudeen Nijamodeen	Psychology of Diaspora.	Encyclopedia of Psychology and Religion Published	ISBN 978-3-642-27771-9

			by Springer, Berlin, Heidelberg Germany.	
5.	Chapparban Sajaudeen Nijamodeen	Psychology of Religion: Migrant Acceptability And Unacceptability	Encyclopedia of Psychology and Religion Published by Springer, Berlin, Heidelberg Germany.	ISBN 978-3-642-27771-9
6.	Gupta R.K. and Tripathi A.	भारत-आसियान सम्बन्ध	भारत की विदेश नीति	2019/Academic Publication, New Delhi
7.	Gupta R.K.	Origin and Growth of Left-Wing Extremism in Schedule Tribes Dominated Areas of Central India	Underdevelopment And Naxalism In India: Reflexive Discourse and Debates	2018/Rawat Publications, Jaipur

#### Other Publications (Magazines, Newspapers, web portals)

Sr. no.	Name/s of the author in the order they appear in publication	Title	Month/year of publication/ name of the publisher and place
1.	Chapparban Sajaudeen Nijamodeen	Edited a special issue of "Rohingya Refugees: Identity, Citizenship and Human Right"	Journal-cum-Magazine <i>Café Dissensus</i> (August 2019) ISSN No: ISSN 2373-177X, New York City, USA.

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/Conference /workshop	Organizing body and place	Date/s of the programme
1	Atanu Mohapatra and Aparna Tripathy	Indian Diaspora as Soft Power: A Study of India's Foreign Policy towards	Indian Epics & Soft Power: India and Southeast Asia	Centre for Chinese and Southeast Asian Studies, JNU, New Delhi	6-7 Nov 2019



		Singapore from Look East to Act East			
2	Atanu Mohapatra and Aparna Tripathy	India's Cultural Links with Indo-China Region and its Impact on Bilateral Relationships	Indian Epics & Soft Power: India and Southeast Asia	Centre for Chinese and Southeast Asian Studies, JNU, New Delhi	6-7 Nov 2019
3	Atanu Mohapatra and Aparna Tripathy	Formation and Integration of Socio-Cultural Values and Beliefs of Indian Diaspora in Singapore Media	National Conference titled Borders and Space: Re – Calibrating Indian Diaspora in the 21 <sup>st</sup> Century	Department of English, Mohanlal Sukhadia University, Udaipur, Rajasthan,	6-7 Dec. 2019
4	Mohanty, Siba Sankar	"Indian Hindu Epics and Indian Diaspora"	"Indian Epics & Soft Power: Understanding India and Southeast Asia"	The Centre for Chinese & Southeast Asian Studies, SLL&CS, JNU in collaboration with JNU Jean Monnet Module, and Network REACTIK, Co-Funded by Erasmus Program of the European Union, and Indian Council for Social Science Research (ICSSR)	6-7 November 2019
5	Mohanty, Siba Sankar	Chaired a Session	"Media Culture and Development: Issues and Perspectives"	Dr. Babasaheb Ambedkar Open University, Ahmedabad	7-8 February 2020

6	Mohanty, Siba Sankar & Khara, Nabin Kumar	"Indian Diaspora and Soft Power Dynamics: A Study of Indian Diaspora in USA"	"Diaspora Governance in International Relations: Opportunities and Challenges for India"	Centre for Diaspora Studies, Central University of Gujarat, Gandhinagar	10-11 February 2020
7	Mohanty, Siba Sankar	"Odia Diaspora: An Overview"	"New India: Regional Concerns and Global Ambitions"	P.G. Department of Social Sciences, F.M. University, Balasore, Odisha	13-14 February 2020
8	Mohanty, Siba Sankar & Khara, Nabin Kumar	"Continuities and Shifts in India's Diaspora Policy"	"New India: Regional Concerns and Global Ambitions"	P.G. Department of Social Sciences, F.M. University, Balasore, Odisha	13-14 February 2020
9	Mohanty, Siba Sankar	Chaired a Session	"New India: Regional Concerns and Global Ambitions"	P.G. Department of Social Sciences, F.M. University, Balasore, Odisha.	13-14 February 2020.
10	Kumar Naresh	Role of International Migration in Development Process of India: Some Facet from Indian States	Indian Diaspora, Emerging Issues and Challenges	UGC Sponsored Centre for Indian Diaspora, SPU, Anand, Gujarat	21-22 Dec 2019
11	Kumar Naresh	Role of India-Gulf Migration Corridor In Development Process: Results for the Indian States	"India's Emerging Relations with West Asian Countries: A Global Perspective" Jamia Millia Islamia, New Delhi.	Jamia Millia Islamia, New Delhi.	January 27-28, 2020
12	Gupta R.K.	India's Global Aspirations and Diaspora' (in-absentia)	New India: Regional Concerns and Global Ambitions	Department of Social Science, Fakir Mohan University, Balasore (Odisha)	13-14 February 2020

13	Gupta R.K.	Indian Socio-cultural Heritage and Diaspora in Thailand	Indian Epics & Soft Power: India and Southeast Asia	Centre for Chinese and Southeast Asian Studies, School of International Studies, JNU, New Delhi	6-7 November 2019
14	Kumar Shailendra	Transnational Networks among Gujarati and Punjabi Diasporas	Indian Diaspora: Emerging Issues and Challenges	Sardar Patel University, Anand	21-22 December 2019
15	Kumar Shailendra	Relevance of Gandhian Philosophy and Methods in era of Global Climate Change and Sustainable Development	Gandhi, Conflict Resolution and Peace: Emerging Dynamics in Twenty-First Century	Central University of Gujarat, Gandhinagar	30 <sup>th</sup> September to 2 <sup>nd</sup> October 2019

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

Sr. no.	Name/s of the author in the order they appear	Title of the paper	Theme of the seminar/conference/workshop	Organizing body and place	Date/s of the programme
1.	Atanu Mohapatra and Aparna Tripathy	Diaspora Policies and Diaspora Politics in International Relations	International Conference on New India: Regional Concerns and Global Ambitions organized,	P G Department of Social Sciences, Fakir Mohan University, Balasore, Odisha	13-14 Feb 2020
2.	Kumar Naresh	Unheard Voices of Emigrants: A Socio-demographic Concern of 19th and early	“Population, Health and Sustainable Development Goals: Performance and Prioritizing Policies” held in	Patna University & IIPS, Mumbai, Patna,	13-15 February, 2020

		20th Century Indian Emigrants	Patna, during 13-15 February, 2020		
3	Gupta R.K.	Role of Indian Diaspora in Anglophone Africa in the Promotion of Bilateral Relations	India -Africa Partnership in a Changing Global Order: Priorities, Prospects and Challenges	Indian Council of World Affairs (ICWA), New Delhi	03-04 September 2019

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

Sr. no.	Name	Title of the talk delivered	Name of the programme with date/s	Nature of participation
1	Atanu Mohapatra	Diaspora & Identity in India – LAC Relations	National seminar titled Taking Stock of India-Latin America and the Caribbean Relations, Indian Council of World Affairs, New Delhi, 08-09 Aug 2019	Invited Speaker
2	Atanu Mohapatra	Diaspora, Transnational Identity	Media in the National Conference titled Borders and Space: Re – Calibrating Indian Diaspora in the 21 <sup>st</sup> Century organized by Department of English, Mohanlal Sukhadia University, Udaipur, Rajasthan, 6-7 Dec. 2019	Plenary Speaker
3	Atanu Mohapatra	Diaspora, Transnational Identity	Media in the National Conference titled Borders and Space: Re – Calibrating Indian Diaspora in the 21 <sup>st</sup> Century organized by Department of English, Mohanlal Sukhadia University, Udaipur, Rajasthan, 6-7 Dec. 2019	Valedictory Address
	Kumar Naresh	Migration and Marginalized Community	National Symposium “ Marginalized Community: Development and Deprivation” 14-15 Dec 2019	Invited Speaker
	Chapparban Sajaudeen Nijamodeen	Introduction to Diaspora Studies	On 9 <sup>th</sup> January 2020 in the Centre for Comparative Literature at University of Hyderabad, Hyderabad	Guest Speaker [for Guest Lecture]

	Chapparban Sajaudeen Nijamodeen	Contemporary Issues in Migration and Diaspora Studies	on 10 January 2020 in the Department of English, Maharashtra Udaygiri Mahavidhyalaya, Udgir, Maharashtra	Guest Speaker [for Guest Lecture]
	Chapparban Sajaudeen Nijamodeen	"Migration and community life: Questions of alienation and assimilation"	Three day national conference on "Contextualising Migration: Perspectives from Literature, Culture and Translation" (6-8 January 2020) at Gandhi School of Humanities and Social Sciences, GITAM Hyderabad	Chair Session
	Chapparban Sajaudeen Nijamodeen	Migration, Cultural production and consumption	Three day national conference on "Contextualising Migration: Perspectives from Literature, Culture and Translation" (6-8 January 2020) at Gandhi School of Humanities and Social Sciences, GITAM Hyderabad	Chair Session
	Kumar Shailendra	Diaspora Governance in India: Opportunities and Challenges for India	10-11 February 2020	Member, Organising Committee
	Kumar Shailendra	Gandhi, Conflict Resolution and Peace: Emerging Dynamics in Twenty-First Century	30 <sup>th</sup> September to 2 <sup>nd</sup> October 2019	Member, Organising Committee

### Participation in training/ orientation/refresher programme

Sr. no.	Name	Name of the programme	Duration of programme	Nature of participation
1.	Mohanty, Siba Sankar	97 <sup>th</sup> Orientation Programme organized by UGC HRDC, Gujarat University, Ahmedabad	06 January 2020 to 26 January 2020	Participant
2.	Chapparban Sajaudeen Nijamodeen	Training programme for Chinese Teachers at National Sun Yat Sen	1 July – 12 July 2019	Participant

		University, Kaohsiung, Taiwan (Republic of China).		
3.	Chapparban Sajaudeen Nijamodeen	“Four Weeks Orientation Programme at Faculty Development Centre, Shri Mata Vaishno Devi University, Katra, J&K.	1 <sup>st</sup> – 30 <sup>th</sup> April 2019	Participant

### Research projects undertaken

Sr. no.	Name	Title of the project	Funding agency	Amount sanctioned	Status of the project whether ongoing/completed with period of the project
1	Atanu Mohapatra	Impact of RTE on the Enrollment Ratio among the Children from BPL Families of Gujarat	ICSSR	Rs. 7,00,000	Completed (3 years)
2.	Rajneesh Gupta	Migrant and Diasporic Communities in the Agenda of Global Governance: Opportunities and Challenges for India	ICSSR	Rs. 8,00,000	Ongoing (2 years)

### Research student/s guided

Sr. no.	Name	Nature of programme, whether M. Phil/Ph.D.	No. of students guided (only number registered during 2017-18)
1.	Mohanty, Siba Sankar	M.Phil. and Ph.D.	01
2.	Dr . Naresh Kumar	Ph.D.	02
3.	Dr . Naresh Kumar	M.Phil.	01
4.	Chapparban Sajaudeen Nijamodeen	M.Phil.	01

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

### Dr. Atanu Mohapatra

- Chairperson, Centre for Diaspora Studies, CUG
- Member, CUG Academic Council
- Member, CUG Court
- Chairperson, Centre Board, Centre for Diaspora Studies
- Chairperson, CASR, Centre for Diaspora Studies
- Chairperson and Nodal officer, Ek Bharat Shreshtha Bharat (EBSB)
- Member - CUG Purchase Committee
- Member - CUG Admission Committee
- Member –Media Committee for Convocation
- Member – CUG Annual Day Discipline Committee
- External subject expert member of BoS, Department of Migration and Diaspora Studies, Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, Dec 2017.
- Member, Pandit Deen Dayal Upadhyay Birth Centenary Celebration Committee.
- Member, Centre Board Member, Centre for Gandhian Thought and Peace Studies, School of Social Sciences, CUG
- Member, Adhoc Board, Journalism and Mass Communication, Maharaja Krushna Kumar Singh Bhavnagar University, Bhavnagar, Gujarat
- Member, RDC, Diaspora and Migration Studies, Study Abroad Program, Gujarat University, Ahmadabad, Gujarat

### Chapparban Sajaudeen Nijamodeen

- Member of Discipline and Sitting Arrangement Committee of CUG Convocation February 2020.
- Member, CASR, Centre for Diaspora Studies
- Member, Centre Board, Centre for Diaspora Studies
- Member of Syllabus update/modification Committee of Centre for Study of Diaspora, Central University of Gujarat, Gandhinagar, India.
- Organizing Committee Member- International Conference on ‘Diaspora Governance in International Relation’ organized by Centre for Diaspora Studies, Central University of Gujarat, and Gandhinagar on 10-11 February 2020.
- Scientific Committee Member of International Conference on Advances in Engineering, Technology and Contemporary Management Trends (ICAETCMT-19) | September 20th, 2019 | Nepal.

### Dr. Naresh Kumar

- As member of CASR (2019 to 2021) Centre for International Politics, School of International Studies, Central University of Gujarat (CUG) Gandhinagar.
- As member of BoS (2019 to 2021) Centre for Centre for Diaspora Studies, Central University of Gujarat (CUG) Gandhinagar.

**Dr. Siba Sankar Mohanty**

- Member, CAS Processing Committee under IQAC
- Member, Committee for Physical Verification of Stock (Library Books), 2019.
- Member, Discipline Committee for 10<sup>th</sup> Annual Day Programme of Central University of Gujarat, 2019.

**Dr. Rajneesh Gupta**

- Nodal Officer- NSS
- Convenor- Student-Teacher Interaction Cell
- Member- Local Purchase Committee (LPC), Food and Accommodation Committee in Two-Day Seminar on the occasion of 150<sup>th</sup> birth anniversary of Mahatma Gandhi 'Gandhi and Hindi-Gujarati Literature after 1980' jointly organized by Sahitya Academy, New Delhi and Central University of Gujarat, Gandhinagar on 10-11 May 2019.
- Member- Food Committee for 10<sup>th</sup> Annual Day of the University held on 10 April 2019.
- Organizing Committee Member-'Green Audit Rally for Community Sensitization' organized by School of Education under PMMMNMTH, MHRD, Government of India on 7 September 2019.



# Central Library

## Brief introduction of the Central Library

Central Library is rapidly building up to be one of the leading professional research and professional libraries in the world. All the bibliographic details of books, ebooks, journals, Online Databases are accessible through the campus-wide Ethernet network. CUG Campus Sector-30, and 29 campus and school/centres and office of the University are connected to the Library through Intranet/Internet.

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

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

In the current year library has subscribed 31 journals and magazines. Prominent among them are subscribed through e-ShodhSindhu: Consortium for Higher Education Electronic Resources.

It holds about 35724 books and 3275 ebooks, and subscribes to over 31 print/online learned journals and magazines and over 7903+ e-journals and also central subscribed more than one lac content on SAGE Research Methods Online access facility to users.

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 using RFID technology system for security for books theft and self-check-in and self-check out the facility for circulation section. The library saves time for readers.

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

## Governance Structure:

### A. Library Advisory Committee

Chairman	-	Hon'ble Vice Chancellor
Members	-	All Deans, Associate Professor Registrar

Member Secretary - Finance Officer  
Librarian

## B. Library Books/Ejournals Purchase Committee

Chairman - Prof. J. P. N. Mishra,  
Finance Officer - Prof. Sanjay Kumar Jha  
External Member - Dr. D. K. Singh, Librarian, BHU  
External Member - Dr. H. G. Hosamani, Scientist-D, INFLIBNET Centre  
Secretary - Dr. K. B. Agadi

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

Central Library receives recommendation and approval from faculty/Chairpersons/deans from Schools/Centres and then processed the procedures for purchase of Books and e-books. Every year the Library receives a grant from the Finance Department to the allocation of budget April – March. Library follows the procurement policy of funds allocation to the procurement of books, journals, e-journals, databases and ebooks. Library subscribes journals/ejournals/magazines recommendations from faculty/Deans/Chairpersons from Centres/schools.

#### Acquisition:

Details	2019-20
No. of eBooks Added	475
No. of Journals/Magazines subscribed	31
E-journals – eShodhSindhu Consortium for Higher Education Electronic Resources	7903
E-Databases Subscribed <ul style="list-style-type: none"> <li>a. CMIE Database</li> <li>b. EPWRF India Times</li> <li>c. JGatePlus</li> <li>d. IndiaStat</li> <li>e. Sage Research Methods Online Database</li> <li>f. SciFinder Database</li> <li>g. Scopus</li> </ul>	7

### Extension, outreach and other similar activities

- Exhibition on Dr. B. R. Ambedkar and its collection on April 14<sup>th</sup> 2019
- Exhibition on Environment Science Books on World Environment Day on June 5<sup>th</sup> 2019
- Celebrated **Birth Anniversary Celebration of Dr. S. R. Ranganathan** on Librarians' Day celebration at CUG at 12 August 2019 and Exhibited books on Dr.S.R.Ranganathan
- Organized Grammarly Orientation Programme on 20th Sept 2019
- Organized workshop on Turnitin - Anti Plagiarism web tool CMIE Training Programme for Faculty Social Science, Humanities and Science Research Scholars on 4th November 2019.
- Exhibition on Constitution Books on Constitution Day 26th November 2019

# Appendices

## Status of expenditure and unspent balance in r/o CUG for the F.Y. 2019-20

Rs. In Lakhs

Sr. no.	Particular	Recurring (31)	Salary (36)	Capital Assets (35)	Total
1	Revised Budget Estimates by UGC	1,425.00	1,531.48	550.00	3,506.48
2	Balance C/F from F.Y. 2018-19	845.72	244.01	1,082.95	2,355.68
3	Grant released by UGC during the F.Y. 2019-20	579.28	1,281.98	550.00	2,411.26
4	Interest earned	-	-	155.29	155.29
5	Other Receipts	70.00	-	-	70.00
6	Total Fund Available	1,495.00	1,525.99	1,788.24	4,992.23
7	Expenditure Upto 31.03.2020	1,862.08	1,883.86	353.85	4,099.79
8	Remaining Balance (01.04.2020)	367.08	357.87	1,434.39	892.44

## Time Line of Entrance Test for Academic Year 2019-20

Sr. No.	Important Dates	Date
1.	Admission Notification	13.03.2019
2.	Online Application Form availability on the Website	13.03.2019
3.	Last date for submission of Online Application Form	20.04.2019
4.	Date of Entrance Test (Online Only)	25th & 26th May 2019
5.	Result Announcement	21.06.2019
6.	Beginning of Monsoon Semester	23 <sup>rd</sup> July 2019

### Declaration of Merit List of UG and PG Programmes and admission window:

1<sup>st</sup> Merit List: 16<sup>th</sup> July 2019 to 23<sup>rd</sup> July 2019

2<sup>nd</sup> Merit List: 26<sup>th</sup> July 2019 to 02<sup>nd</sup> August 2019

### Declaration of Merit List of Research Programmes and admission window:

1<sup>st</sup> Merit List: 30<sup>th</sup> July 2019 to 5<sup>th</sup> August 2019

2<sup>nd</sup> Merit List: 08<sup>th</sup> August 2019 to 14<sup>th</sup> August 2019

3<sup>rd</sup> Merit List: 22<sup>nd</sup> August 2019 to 27<sup>th</sup> August 2019

### Closing of admissions 2019-20:

The admissions were declared closed for academic year 2019-20 on 27<sup>th</sup> August 2019 for all programmes as per the direction of the Competent Authority.

## CUCET 2019-20 dated 25-26 May 2019: Subject Wise Details

### UG Programmes

Programme	Intake	No. of Applicants	No. of Registered candidates in Counselling	Admission 2019-20
Bachelor of Arts in Chinese	33	1197	117	23
Bachelor of Arts in German Studies	33	1326	123	17
M.A. in Social Management (Five Year Integrated)	33	1432	99	11
<b>Grand Total</b>	<b>99</b>	<b>3955</b>	<b>339</b>	<b>51</b>

### PG Programmes

Programme	Intake	No. of Applicants	No. of Registered candidates in Counselling	Admission 2019-20
M.Sc. in Chemical Sciences	33	990	149	17
M.A. in Chinese	33	9	4	1 + 5 Army students
M.A. in Economics	33	346	53	23
M.ED.	33	188	19	6
M.A. in English	33	339	50	19
M.Sc. in Environmental Science	33	970	131	21
M.A. in German Studies	33	8	1	0
M.A. in Gujarati	33	20	14	13
M.A. in Hindi	33	64	9	1
M.Sc. in Industrial Chemistry	33	631	97	9
Master of Library and Information Sciences	33	92	27	7
M.Sc. in Life Science	33	1526	297	20

M.Sc. in Nanotechnology	33	462	86	15
M.A. in Political Science	33	324	50	15
M.A. in Politics and International Relations	33	299	56	18
M.A. in Social Work	33	227	35	17 + 1 International student through ICCR
M.A. in Sociology	33	171	20	3
<b>Grand Total</b>	<b>561</b>	<b>6666</b>	<b>1098</b>	<b>211</b>

### Research Programmes

Programme	Intake	No. of Applicants	No. of Registered candidates in Counselling	Admission 2019-20
M.Phil. In Chemical Sciences	8	283	22	1
M.Phil. In Comparative Literature	5	81	16	3
M.Phil. in Diaspora Studies	6	107	31	6
M.Phil. In Studies in Science, Technology and Innovation Policy	4	70	12	4
M.Phil. in Economics	8	312	38	8
M.Phil. In Education	8	198	27	3
M.Phil. In English	5	453	68	4
M.Phil. In Hindi	9	268	42	8
M.Phil. In International Politics	5	203	52	5
M.Phil. In Security Studies	8	51	11	5
M.Phil.-Ph.D. in Gandhian Thought and Peace Studies	5	123	32	4
M.Phil.-Ph.D. in Nano Sciences	6	160	34	6
Ph.D. in Applied Chemistry	6	255	34	4
Ph.D. in Chemical Sciences	8	296	40	6



Ph.D. in Comparative Literature	1	74	11	0
Ph.D. in Economics	6	299	54	7
Ph.D. in Education	12	195	40	11
Ph.D. in English	6	459	102	5
Ph.D. in Environment and Sustainable Development	9	320	90	6
Ph.D. in Hindi	4	252	54	4
Ph.D. in Library and Information Science	4	95	47	4
Ph.D. in Life Sciences	9	609	117	9
Ph.D. in Security Studies	1	41	14	2*
Ph.D. in Social Management	2	53	9	2
Ph.D. in Studies in Science, Technology and Innovation Policy	1	45	14	1
<b>Grand Total</b>	<b>146</b>	<b>5302</b>	<b>1011</b>	<b>118</b>

\*One additional admission offered after due approval from the competent authority

## Summary of Admissions in A.Y. 2019-20

Programme	Intake	No. of Applicants	No. of Registered candidates in Counselling	Admission 2019-20
UG	99	3955	339	51
PG	561	6666	1098	211
Research Programme	146	5302	1011	118
<b>Total</b>	<b>806</b>	<b>15923</b>	<b>2448</b>	<b>380</b>

Programme	Intake approved	Students Admitted	Gen.	OBC	SC	ST	EWS
UG	99	51	18	18	9	2	04
PG	561	211	90	68	21	19	13
Research Programme	146	118	41	44	17	6	10
<b>Total</b>	<b>806</b>	<b>380</b>	<b>149</b>	<b>130</b>	<b>47</b>	<b>27</b>	<b>27</b>

### Total Students Enrolled in 2019-20

(i) Number of students admitted during the year: **380**

Gender-wise Admission 2019-20	No. of Students
Female	169
Male	211
<b>Grand Total</b>	<b>380</b>

## Award of degree during 01.04.2019 to 31.03.2020

Following degree were awarded by the central university of Gujarat:

### M.Phil. Degree Awarded During 01.04.2019 to 31.03.2020

Name of Programme	No. of M.Phil. Degree Awarded
M.Phil. - Ph.D. (Comparative Literature)	3
M.Phil. - Ph.D. (Economics)	6
M.Phil. - Ph.D. (Life Sciences)	5
M.Phil. - Ph.D. (Nano Sciences)	4
M.Phil. - Ph.D. (Society and Development)	4
M.Phil. - Ph.D. (Studies in Science, Technology and Innovation Policy)	1
M.Phil. - Ph.D. (Environment and Sustainable Development)	3
<b>Grand Total</b>	<b>26</b>

### Ph.D. Degree Awarded During 01.04.2019 to 31.03.2020

Name of Programme	No. of Ph.D. Degree Awarded
M.Phil. - Ph.D. (Comparative Literature)	5
M.Phil. - Ph.D. (Hindi Language and Literature)	2
M.Phil. - Ph.D. (Chemical Sciences)	7
M.Phil. - Ph.D. (Diaspora Studies)	1
M.Phil. - Ph.D. (Economics)	6
M.Phil. - Ph.D. (Environment and Sustainable Development)	8
M.Phil. - Ph.D. (Hindi Language and Literature)	5
M.Phil. - Ph.D. (International Politics and Governance)	5
M.Phil. - Ph.D. (Life Sciences)	12
M.Phil. - Ph.D. (Nano Sciences)	5
M.Phil. - Ph.D. (Science, Society and Development)	4
M.Phil. - Ph.D. (Security Studies)	3
M.Phil. - Ph.D. (Society and Development)	2
<b>Grand Total</b>	<b>65</b>

### PG Degree Awarded During 01.04.2019 to 31.03.2020

Name of Programme	No. of Degree Awarded
<b>Five Year</b>	
M. A. in Chinese Language and Culture (5-yrs. integrated)	7
M. A. in German Studies (5 yrs integrated)	5
M. A. in Social Management (5-yrs. integrated)	6
<b>Master of Arts</b>	
M. A. in Economics	6
M. A. in English	10
M. A. in Politics and International Relations	6
M. A. in Sociology	2
M.A. in Social Work	5
M.A. in Political Science	5
M.A. in Gujarati	2
M.A. in Hindi	2
M.A. in Chinese Language and Culture (Two Years)	5
Master of Library and Information Science	5
Post Graduate Diploma in Digital Library and Information Management	4
<b>Master of Science</b>	
M. Sc. in Chemical Sciences	11
M. Sc. in Environmental Sciences	11
M. Sc. in Industrial Chemistry	9
M.Sc. in Climate Change and Sustainable Development	2
M. Sc. in Life Sciences	6
M. Sc. in Nanotechnology	7
<b>Grand Total</b>	<b>116</b>

## 2<sup>nd</sup> Convocation of Central University of Gujarat

### List of Awardees

Date of Convocation: 22.02.2019

### School of Language and Culture Studies

	Name of Centre	Name of Degree	No. of Students
SLL&CS	Centre for English Studies	M.A. in English	23
SLL&CS	Centre for Studies in Hindi Language and Literature	M.A. in Hindi	2
SLL&CS	Centre for German Studies	M.A. German Studies (Five-Year Integrated)	5
SLL&CS	Centre for Chinese Language and Culture	B.A. in Chinese Language and Culture (Five-Year Integrated)	2
SLL&CS	Centre for Chinese Language and Culture	M.A. in Chinese Language and Culture (Five-Year Integrated)	9
SLL&CS	Centre for Chinese Language and Culture	M.A. in Chinese Language and Culture (Two Year)	10
SLL&CS	Centre for Gujarati Language and Literature	M.A. Gujarati	2
SLL&CS	Centre for Comparative Literature and Culture Studies	M.Phil. In Comparative Literature	6
SLL&CS	Centre for Studies in Hindi Language and Literature	M.Phil. in Hindi Language and Literature	5
SLL&CS	Centre for Comparative Literature and Culture Studies	Ph.D. In Comparative Literature	5
SLL&CS	Centre for Studies in Hindi Language and Literature	Ph.D. In Hindi Language and Literature	8
SLL&CS	Centre for Study of Diaspora	Ph.D. in Diaspora Studies	1
<b>Total</b>			<b>78</b>

### School of Chemical Sciences

	Name of Centre	Name of Degree	No. of Students
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SCS	School of Chemical Sciences	M.Sc. In Chemical Sciences	23
SCS	School of Chemical Sciences	M.Sc. In Industrial Chemistry	17
SCS	School of Chemical Sciences	Ph.D. in Chemical Sciences	9
<b>Total</b>			<b>49</b>

#### School of Life Sciences

	<b>Name of Centre</b>	<b>Name of Degree</b>	<b>No. of Students</b>
SLS	School of Life Sciences	M.Sc. In Life Sciences	16
SLS	School of Life Sciences	M.Phil. In Life Sciences	5
SLS	School of Life Sciences	Ph.D. In Life Sciences	12
<b>Total</b>			<b>33</b>

#### School of Environment and Sustainable Development

	<b>Name of Centre</b>	<b>Name of Degree</b>	<b>No. of Students</b>
SESD	School of Environment and Sustainable Development	M.Sc. In Environmental Sciences	17
SESD	School of Environment and Sustainable Development	M.Sc. In Climate Change and Sustainable Development	2
SESD	School of Environment and Sustainable Development	M.Phil. In Environment and Sustainable Development	3
SESD	School of Environment and Sustainable Development	Ph.D. In Environment and Sustainable Development	10
<b>Total</b>			<b>32</b>

#### School of Nano Sciences

	<b>Name of Centre</b>	<b>Name of Degree</b>	<b>No. of Students</b>
SNS	Centre for Nano Sciences	M.Sc. In Nanotechnology	13
SNS	Centre for Nano Sciences	M.Phil. In Nano Sciences	4
SNS	Centre for Nano Sciences	Ph.D. In Nano Sciences	5

<b>Total</b>	<b>22</b>
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### School of Social Sciences

	<b>Name of Centre</b>	<b>Name of Degree</b>	<b>No. of Students</b>
SSS	Centre for Studies in Economics and Planning	M.A. In Economics	11
SSS	Centre for Studies in Society and Development	M.A. in Sociology	3
SSS	Centre for Studies in Social Management	M.A. in Social Management (Five-Year Integrated)	17
SSS	--	M.A. Political Science	5
SSS	--	M.A. Social Work	5
SSS	Centre for Studies in Science, Technology and Innovation Policy	M.Phil. In Studies in Science, Technology and Innovation Policy	4
SSS	Centre for Studies in Economics and Planning	M.Phil. In Economics	13
SSS	Centre for Gandhian Thought and Peace Studies	M.Phil. In Gandhian Thought and Peace Studies	3
SSS	Centre for Studies in Society and Development	M.Phil. In Society and Development	6
SSS	Centre for Studies in Economics and Planning	Ph.D. In Economics	8
SSS	Centre for Studies in Science, Technology and Innovation Policy	Ph.D. In Science, Society and Development	7
SSS	Centre for Society and Development	Ph.D. In Society and Development	4
<b>Total</b>			<b>86</b>

### School of International Studies

	Name of Centre	Name of Degree	No. of Students
SIS	School of International Studies	M.A. in Politics and International Relations	18
SIS	Centre for Security Studies	M.Phil. In Security Studies	7
SIS	Centre for International Politics	M.Phil. In International Politics	4
SIS	Centre for Security Studies	Ph.D. In Internal Security	1
SIS	Centre for Security Studies	Ph.D. In Security Studies	3
SIS	Centre for Studies in Politics and Governance	Ph.D In International Politics and Governance	5
<b>Total</b>			<b>38</b>

### School of Library and Information Sciences

	Name of Centre	Name of Degree	No. of Students
Library	Centre for Library and Information Science	Master of Library and Information Science	14
Library	--	Post Graduate Diploma- Post Graduate Diploma in Digital Library and Information Management (P.G.D.L.I.M.)	16
<b>Total</b>			<b>30</b>
<b>Grand Total</b>			<b>368</b>



## List of Students for awarding CUG medal to the topper of each UG/Programmes

List of Students for awarding CUG medal to the topper of each UG/Programmes : 2016-17 Batch						
Sr. No.	Enrollment No.	Name of Student	Session	FGPA	Grade	Percentage
1	16107101	Mr. Rakesh Kumar	Winter 2018	7.78	A Only	86.44
2	16102102	Ms. Das Amrita	Winter 2018	9.00	A+ (Excellent)	75.61
3	16106112	Ms. Mantasha Nadeem Siddiqui	Winter 2018	9.65	O (Outstanding)	82.05
4	16101101	Ms. Akansha Jane	Winter 2018	9.25	A+ (Excellent)	77.43
5	16105102	Mr. Talsaniya Gauravkumar Kanaiya	Winter 2018	8.03	A (Very Good)	65.25
6	16104107	Ms. Avantika Menon	Winter 2018	8.61	A+ (Excellent)	71.58
7	16204117	Ms. Akanksha Sharma	Winter 2018	9.81	O (Outstanding)	82.18
8	16201105	Ms. Sandhya Kumari	Winter 2018	9.71	O (Outstanding)	82.45
9	16203106	Ms. Tapashi Sarkar	Winter 2018	8.99	A+ (Excellent)	76.04
10	16202106	Ms. Humal Asha Amarabhai	Winter 2018	9.06	A+ (Excellent)	74.47
11	16205102	Mr. Tubal Chowdhury	Winter 2018	9.39	A+ (Excellent)	79.03
List of Students for awarding CUG medal to the topper of each UG/Programmes : 2017-18 Batch						
Sr. No.	Enrollment No.	Name of Student	Session	FGPA	Grade	Percentage
1	170207004	Mr. Ritesh Tamang	Winter 2019	6.86	A Minus	76.22
2	170202001	Ms. Varsha Muralidharan	Winter 2019	9.08	A+ (Excellent)	75.56
3	170208001	Mr. Rajput Dilipsinh Aambaji	Winter 2019	7.61	A (Very Good)	61.95
4	170203002	Mr. Sunil Kumar Prajapati	Winter 2019	9.00	A+ (Excellent)	72.56
5	170206005	Ms. Bavariya Nisha Bhanabhai	Winter 2019	9.71	O (Outstanding)	83.42
6	170201009	Ms. Mishra Stuti Manjushree	Winter 2019	9.28	A+ (Excellent)	77.29
7	170211004	Ms. Upadhyay Mitali Natvarlal	Winter 2019	8.98	A+ (Excellent)	76.45
8	170205005	Mr. Babubhai Kashubhai Bamniya	Winter 2019	8.00	A (Very Good)	64.75
9	170210001	Mr. Akash Singh Thakur	Winter 2019	8.89	A+ (Excellent)	74.05
10	170204008	Mr. Ankit Sharma	Winter 2019	8.42	A (Very Good)	68.97
11	170215003	Mr. Satyaban Sahoo	Winter 2019	9.67	O (Outstanding)	80.68
12	170212007	Ms. Anubha Rajput	Winter 2019	9.75	O (Outstanding)	83.00
13	170214001	Mr. Udayan Chaudhury	Winter 2019	9.31	A+ (Excellent)	78.26
14	170217007	Ms. Ayushi Nayak	Winter 2019	8.21	A (Very Good)	66.75
15	170213014	Mr. Saurabh Choubey	Winter 2019	9.33	A+ (Excellent)	77.24
16	170216002	Ms. Priya Pandey	Winter 2019	9.89	O (Outstanding)	84.56

## Teaching Staff

Sr. No.	Name of Employee	Designation	School
1.	Prof. Man Singh	Professor	School of Chemical Sciences
2.	Prof. Alok Kumar Gupta	Professor	School of Language Literature & Culture Studies
3.	Prof. J.P.N. Mishra	Professor	School of Life Sciences
4.	Prof. Atanu Bhattacharya	Professor	School of Language Literature & Culture Studies
5.	Prof. Sanjay Kumar Jha	Professor	School of National Security Studies
6.	Prof. Sanjeev Kumar Dubey	Professor	School of Language Literature & Culture Studies
7.	Prof. Balaji Ranganathan	Professor	School of Language Literature & Culture Studies
8.	Prof. Sarita Agrawal	Professor	School of Social Sciences
9.	Dr. Manish	Professor	School of International Studies
10.	Prof. Hasmukhlal Bhailalbhai Patel	Professor	School of Education
11.	Dr. Jaya Prakash Pradhan	Associate Professor	School of Social Sciences
12.	Dr. Prakash Chandra Jha	Associate Professor	School of Applied Material Sciences
13.	Dr. Bhawana Pathak	Associate Professor	School of Environment and Sustainable Development
14.	Dr. Dinesh Kumar	Associate Professor	School of Chemical Science
15.	Dr. R. Hiranmai Yadav	Associate Professor	School of Environment and Sustainable Development
16.	Dr. Atanu Kumar Mohapatra	Associate Professor	Centre for Diaspora Studies
17.	Dr. Indrani Banerjee	Associate Professor	School of Nano Science
18.	Dr. Umesh Chand Singh Yadav	Associate Professor	School of Life Science

19.	Dr. Seema Rawat	Associate Professor	School of Life Science
20.	Dr. Arun Vishawanathan	Associate Professor	School of National Security Studies
21.	Dr. Jayendrakumar Nathalal Amin	Associate Professor	School of Education
22.	Dr. Gavisiddappa Rudrappa Angadi	Associate Professor	School of Education
23.	Dr. Ajaysinh Jethusinh Chauhan	Associate Professor	School of Language Literature & Culture Studies
24.			
25.	Dr. Vinai Kumar Donthula	Assistant Professor	School of Language Literature and Culture Studies
26.	Shri Prabhat Kumar	Assistant Professor	School of Language Literature and Culture Studies
27.	Dr. Anushka Gokhale	Assistant Professor	School of Language Literature and Culture Studies
28.	Dr. L. Raju Chowhan	Assistant Professor	School of Applied Material Science
29.	Shri Roshan Lal Jahel	Assistant Professor	School of Language Literature and Culture Studies
30.	Dr. Saurabh Sharma	Assistant Professor	School of International Studies
31.	Dr. Kishore Jose	Assistant Professor	School of National Security Studies
32.	Dr. Mohandas Singh Nongmaithem	Assistant Professor	School of National Security Studies
33.	Dr. Parvathi Krishnaswamy Iyer	Assistant Professor	School of Social Science
34.	Dr. Shiju Sam Varughese	Assistant Professor	School of Social Science
35.	Dr. Kunal Sinha	Assistant Professor	School of Social Science
36.	Dr. Sony Kunjappan	Assistant Professor	School of Social Science

37.	Dr. Manasi Singh	Assistant Professor	School of National Security Studies
38.	Dr. Sarala Dasari	Assistant Professor	School of Social Sciences
39.	Dr. Hemant Kumar	Assistant Professor	School of Social Science
40.	Dr. Dhananjay Kumar Rai	Assistant Professor	School of Social Science
41.	Dr. Jagannatham Begari	Assistant Professor	School of Social Science
42.	Dr. Jayashree Ambewadikar	Assistant Professor	School of Social Science
43.	Dr. Beryl Anand	Assistant Professor	School of Social Science
44.	Shri Smruti Ranjan Dhal	Assistant Professor	School of Social Science
45.	Dr. Sudarshan Papanna	Assistant Professor	School of Social Science
46.	Dr. Litty Denis	Assistant Professor	School of Social Science
47.	Dr. Ishmeet Kaur Chaudhry	Assistant Professor	School of Language Literature & Culture Studies
48.	Dr. Dhara K. Chotai	Assistant Professor	School of Language Literature & Culture Studies
49.	Dr. Khaikholen Haokip	Assistant Professor	School of Social Science
50.	Dr. Zarana Dilipkumar Maheshwary	Assistant Professor	School of Language Literature & Culture Studies
51.	Dr. Kingson Singh Patel	Assistant Professor	School of Language Literature & Culture Studies
52.	Dr. Pramod Kumar Tiwari	Assistant Professor	School of Language Literature & Culture Studies
53.	Dr. Zakia Firdaus Sulaiman	Assistant Professor	School of Language Literature & Culture Studies

54.	Ms. Niveditha Kalarikkal	Assistant Professor	School of Language Literature & Culture Studies
55.	Dr. Gajendra Kumar Meena	Assistant Professor	School of Language Literature & Culture Studies
56.	Dr. Tulika Tripathi	Assistant Professor	School of Social Sciences
57.	Dr. Priya Ranjan Kumar	Assistant Professor	School of Social Science
58.	Dr. Kshamanidhi Adabar	Assistant Professor	School of Social Sciences
59.	Dr. Sudeep Basu	Assistant Professor	School of Social Science
60.	Dr. Rajesh Singh	Assistant Professor	School of Environment and Sustainable Development
61.	Dr. Paulami Sahu	Assistant Professor	School of Environment and Sustainable Development
62.	Dr. Rina Kumari	Assistant Professor	School of Environment and Sustainable Development
63.	Dr. Rajesh Vasita	Assistant Professor	School of Life Science
64.	Dr. Dheeraj Rathore	Assistant Professor	School of Environment and Sustainable Development
65.	Dr. Sunita Patel	Assistant Professor	School of Life Science
66.	Dr. Bhakti Krishnakant Gala	Assistant Professor	School of Library and Informantion Science
67.	Dr. Dhananjoy Mondal	Assistant Professor	School of Chemical Science
68.	Dr. Siba Sankar Mohanty	Assistant Professor	-
69.	Dr. Charu Lata Dube	Assistant Professor	School of Nano Science
70.	Dr. Naresh Kumar	Assistant Professor	-

71.	Shri Nishant Kumar	Assistant Professor	School of Language Literature & Culture Studies
72.	Dr. Lenin V. Dandamudi	Assistant Professor	School of Chemical Science
73.	Shri Sajaudeen Nijamodeen Chapparban	Assistant Professor	-
74.	Dr. Eeshwaraiah Begari	Assistant Professor	School of Applied Material Sciences
75.	Dr. Minaxi Amrutlal Parmar	Assistant Professor	School of Library and Informantion Science
76.	Dr. Rajneesh Kumar Gupta	Assistant Professor	-
77.	Dr. Hitesh Kulhari	Assistant Professor	School of Nano Science
78.	Dr. Gururaja Nagaraj Guddeangadi	Assistant Professor	School of Chemical Science
79.	Dr. Umesh Kumar	Assistant Professor	School of Nano Science
80.	Shri Swami Kundan Kishor	Assistant Professor	School of Language Literature & Culture Studies
81.	Dr. Rashmi Tukaram Kumbar	Assistant Professor	School of Library and Informantion Science
82.	Ms. Jaspreet Kaur	Assistant Professor	School of Language Literature & Culture Studies
83.	Dr. Manu Sharma	Assistant Professor	School of Nano Science
84.	Dr. Panchami Prabhakaran	Assistant Professor	School of Chemical Science
85.	Dr.Prashant Kaushik	Assistant Professor	School of Language Literature & Culture Studies
86.	Ms Eva Loreng	Assistant Professor	School of International Studies
87.	Dr. Anju Pappachan	Assistant Professor	School of Life Science

88.	Thangam K Singh	Assistant Professor	School of National Security Studies
89.	Dr. Vijaya Lakshmi Yanduri	Assistant Professor	School of Education
90.	Dr. ShankarLal Bika	Assistant Professor	School of Education
91.	Dr. Shamim Aara Hussain	Assistant Professor	School of Education
92.	Dr. Shilpa Sandipkumar Popat	Assistant Professor	School of Education

### Non-teaching Staff

Sr. No.	Name of Employee	Designation	
1	Mr. Jayprakash Maheshkumar Soni	Deputy Registrar	Admin & Establishment Department
2	Shri Tarun Kumar Soni	Assistant Registrar	Admin & Establishment Department
3	Shri Jayeshkumar Manorlal Parmar	Assistant	Admin & Establishment Department
4	Mr. Hemang A Desai	Deputy Registrar	Academic & Authorities Section
5	Shri Mukesh Ashirvadbhai Parmar	Assistant Registrar	Academic & Authorities Section
6	Ms. Rinal Baldevbhai Patel	Assistant	Academic & Authorities Section
7	Dr. Kotrayya Basayya Agadi	Assistant Librarian	Library
8	Shri Shamsher Singh	Assistant Registrar	Finance & Account
9	Ms. Bela Laxmanbhai Cholvavia	Assistant	Finance & Account
10	Shri Mukesh Pratapji Chavda	Assistant	Admission & Evaluation Section
11	Shri Chandrakant Ashokrao Ingle	Library Attendant	Library Attendant
12	Shri Bharatkumar Babubhai Rathod	Laboratory Attendant	Laboratory Attendant
13	Shri Paresh Chimanlal Parekh	Driver	Driver
14	Shri Phool Singh Meena	Driver	Driver

# Photo Gallery



















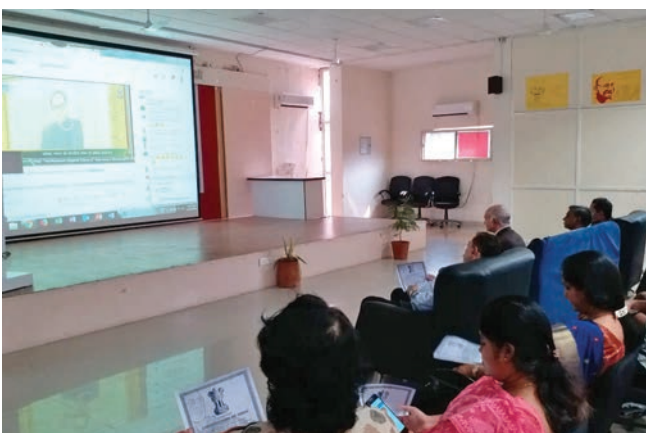




















## Annual Report Committee 2019-20

-: Co-ordinator :-

Prof. Sarita Agrawal  
Dean, School of Social Sciences

-: Member :-

Dr. R. Hiranmai Yadav  
Associate Professor, School of Environment and Sustainable Development

Dr. G. R. Angadi  
Associate Professor, School of Education

Dr. Pramod Kumar Tiwari,  
Assistant Professor, Centre for Hindi Language and Literature,  
School of Language Literature & Culture Studies

Dr. Gajendra Kumar Meena,  
Assistant Professor, Centre for Hindi Language and Literature,  
School of Language Literature & Culture Studies

Dr. Bhakti Gala,  
Assistant Professor, School of Library & Information Science

Dr. Hitesh Kulhari,  
Assistant Professor, School of Nano Science