



गुजरात केन्द्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF GUJARAT

गुजरात केन्द्रीय विश्वविद्यालय

Central University of Gujarat

(भारत की संसद के अधिनियम सं. 25, 2009 के तहत स्थापित)

Sector 29 & 30, Gandhinagar, Gujarat-382030

PROSPECTUS 2021-22

Website: www.cug.ac.in

For UG/PG admission: <http://cucet.nta.nic.in>

For Research programme admission: https://www.cug.ac.in/phd_admission.php

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॥ 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 विधा में शोध व शिक्षण, ज्ञान सृजन का कुंज हमारा ।
परम पावन अति मनभावन यह विश्व ज्ञान का पुंज हमारा ॥

परम पावन अति मनभावन यह विश्व ज्ञान का पुंज हमारा ॥

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

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HONOURABLE VICE CHANCELLOR'S MESSAGE



Dear Students,

I welcome you all on behalf of Central University of Gujarat. This university was established in 2009 by a Parliamentary Act and comes under the purview of Ministry of Education and University Grants Commission (UGC).

We are currently living in challenging times of COVID pandemic and our university has taken adequate steps to counter this with our online platforms and blended forms of learning. We are currently doing this through our committed faculty who are constantly engaging with our students online and through the numerous webinars organised by our university. Some of the leading specialists and academicians around the world have been a part of our attempts to ensure a seamless academic delivery in this difficult time.

The University has grown by leaps and bounds since its establishment and has set new standards for its academic excellence. The university currently has 11 Schools with 22 Centres and one independent Centre, with 66 programmes of studies. I am pleased to state that the Central University of Gujarat has rapidly moved towards establishing itself as an institution where advanced research, modern teaching and learning pedagogy and cutting-edge collaborative projects are part of our institutional fabric. We believe that the commitment of our faculty members and the student community can usher in a lot of social progress and development that is the need of a nation.

The University also provides the basis for building highly sophisticated technology in Science and valuable output for social change from the fields of Humanities and Social Sciences. Since excellence in higher education is the goal that India strives for, we firmly believe that, we have the resources for being at the forefront of it. We are bound in pledge for bringing in change and improve both academics and administration. New courses, new faculty, new infrastructure are goals that we intend to achieve as our hallmarks. The University's philosophy is to pursue excellence and for this purpose the University has taken up major steps towards strengthening interdisciplinary and inter-institutional collaborations with major national and international institutes, universities and research centres.

The University's primary endeavour is to impart quality education and to thrive for achieving excellence. I am proud to say that the University has one of the finest scientific instrumentation support system to perform high quality scientific research. The Central Instrumentation Facility of

the University is not only one of the most advanced in the country but also has consistently helped faculty and students produce high quality innovative research. In order to march towards progress and development and in tune with the ethos of nation building of a new India of the 21st century, the University has implemented all measures – be it digital, e-content development and blended learning using technology with the help of ICT.

Students are the most prominent assets of this university and our greatest endeavour has been to provide them with the best learning facilities and empower them to be the flag bearers of change in building a new India. The University has made all efforts to see that all student needs are met with within the limitations of the University. The students are encouraged to pursue academics, extracurricular and sports activities and students have proved themselves ably by not only attaining recognition at national and international levels but also bringing laurels to the university by achieving higher academic goals.

The University has established many programmes and facilities and has floated many new multidisciplinary programmes and courses as well conforming to the National Educational Policy – 2020 and the guidelines issued by the Government of India and the prospectus highlights them. In addition, we are committed to our efforts to constantly upgrade and equip ourselves with latest knowhow and teaching tools to transform the student community with updated knowledge and skills. As the head of this University fraternity, I assure you that we shall strive to make Central University of Gujarat a Centre for academic excellence in the coming years. I sincerely hope that by joining this University you will not only build a fruitful career but also contribute greatly to our ongoing efforts to build a meaningful academic community.

Best wishes

Prof. Rama Shanker Dubey

ABOUT THE UNIVERSITY

Established by Parliament of India through the Central Universities Act (2009), Central University of Gujarat (CUG) considers its main objectives to be dissemination and advancement of knowledge creation and sharing. The University is committed to make special provisions for integrated and interdisciplinary courses, to educate and train human resources for the country's development, to initiate appropriate measures for promoting innovation in teaching and learning and to pay special attention to improve the social and economic conditions and welfare of the people, especially pertaining to their intellectual, academic and cultural development. The University was ranked overall 60th in India and 2nd among all the Universities in Gujarat in NIRF 2016 rankings. According to NIRF 2017, the University ranked among the top 150 Universities in the country.

MOTTO

Providing a Global Platform for Knowledge and Employability to our Students along with Society and Industry Interface.

MISSION

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

VISION

The vision of 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 a sense of responsiveness towards society, the country and the world at large.

OBJECTIVES

The objectives of CUG are:

- 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 the improvement of social and economic conditions and welfare of the people, especially pertaining to their intellectual, academic and cultural development.

ACADEMIC STRUCTURE AND CURRICULAR ASPECTS

Central University of Gujarat presently has ten Schools and two independent Centres. There are nineteen Centres within these Schools covering multidisciplinary subjects ranging from Languages, Humanities, Education, Social Sciences and Sciences. Some Schools are also offering direct Ph.D. admissions. The University has made concerted efforts to enhance its excellence in teaching, research and extension activities.

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

STUDENTS OF THE UNIVERSITY

The University considers its students to be its primary stakeholders. Through academic training and participation in University life, students acquire the aptitude for scientific scrutiny, logical questioning, and critical evaluation in order to become responsible citizens, assets to the nation and cultural ambassadors of Gujarat.

INNOVATIVE ACTIVITIES

Having committed itself to taking campus to the Community and putting scholarship generated and technology innovated to address some of the pressing issues facing the society, the University has been viewed as harbinger of positive social transformation. Several MoUs signed by Schools and Centres have the potential to enrich the extension profile of the University. MoUs have been signed with leading scientific/research laboratories at KTH, Stockholm and University of Uppsala, Sweden, as well as with Colorado University, and the University of Tasmania, Australia.

The Village Adoption under Unnat Bharat Abhiyan, School Adoption Programme are further additions to the University profile. Further, the University has initiated discussions with the National Skill Development Council (NSDC) to explore possible avenues for vocational courses and vocationalisation of the existing courses to the extent possible. The University has also signed a MoU with the Gujarat Chamber of Commerce and Industry for interface with the trade, commerce and business community as its stakeholders with opportunities of internship and block placement. The University Industry Interface Cell initiated by the University provides scope for interaction with the industry in general and numerous pharmaceutical industries located in the region in particular. The University also has an active NSS unit that conducts round-the-year programmes.

FACILITIES AT THE UNIVERSITY

Infrastructure and Learning Resources

The University has spared no efforts in providing the best possible learning and research infrastructure to its students. Emphasis has been on the quality and on intensity. Well-equipped and furnished classrooms, state-of-the-art laboratories, well stacked library render the University an academic and scientific organisation.

Spacious classrooms in the University provide a conducive atmosphere for dynamic and focused discussions. They are equipped with integrated LCD Projectors, audio-visual teaching aids for lectures, presentations etc. Special sessions and remedial coaching classes are conducted for spoken English, NET-SET exams, leadership, teamwork and analytical skills.

There are four conference halls in the University with 50 to 250 seating capacity for conferences and other events. There are two other seminar halls. All these halls are equipped with advanced presentation tools for various programs.

Though functioning from temporary premises at present in Sectors 29 and 30 of Gandhinagar, the University has been allocated 100 acres of land near Vadodara by the Government of Gujarat. We are in the process of building a new campus soon.

The University has over 10 state-of-the-art science laboratories that allow the students to experiment theory. All Schools and Centres are connected through a highly secure virtual private network, where devices are connected through 1 GBPS broadband connection. Both campuses have state-of-the-art computer network with Wi-Fi that provide computing facilities comprising of the latest computers linked to a wide range of software, communication and print service. CUG is fully wireless and students in many programs are provided with computers to help them to access the Internet anytime, anywhere. Latest software is used to enable work on data analysis, CAD, CAM for laboratories and libraries. The intranet enables close on-line interaction between faculty and students.

Central Instrumentation Facility

Catering to the research needs in the area of chemical sciences, life sciences, environmental sciences and nanosciences, the CIF instruments, at present, provides instrumentation facilities to the research students and faculty at the Central University of Gujarat. The CIF is going to render instrumentation services/facilities to other Universities and Institutes as well. Workshops on operation and maintenance of advanced instruments will also be organized to train technical staff/faculty of other Institutes/Universities.

The advanced instruments available under CIF at CUG and their application are highlighted below:

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

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

	Sorting (FACS)	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.

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, Kurzweil, Sara CE and Jiffy Scanner. The Central Library has also created a Learning Centre for Visually Challenged.

It holds about 38450 books and 4367 eBooks, and over 8903+ e-journals. 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 digitally.

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.

ICT Facility and Digital Language Lab

The University is Wi-Fi enabled and students can access the internet based on 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.

In addition, the University has the facility of Language Lab for intensive language learning, especially for its foreign language courses.

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

Transport Facility

The University has two buses which are available for students and the University staff. The buses 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.

Non-NET Fellowships

All the students enrolled for 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

The University provides accommodation to men and women in buildings hired from the state government/private providers. The hostels have a computer room as well as a TV room. The hostel fees are stipulated as per the norms of the University. **Keeping in mind the temporary premises, hostel accommodation, however, is limited and is allotted through the DSW Office.** Private accommodation on a shared basis is available in the city of Gandhinagar.

SCHOOLS, CENTRES OF STUDIES AND PROGRAMMES OFFERED

SCHOOL OF CHEMICAL SCIENCES

The School of Chemical Sciences (SCS) is a unique centre for learning that fosters innovative scientific ideas through an interdisciplinary approach and interactive teaching and research in frontal areas of the chemical sciences. The School pursues research in applied and green chemistry, nano-chemistry, polymer chemistry, petroleum products, supramolecules and macromolecules, kinetics and catalysis, physical organic chemistry, synthetic organic and inorganic chemistry, nanochemistry, and bioorganic chemistry. The students at the School undergo several levels of learning with more extensive and more in-depth exposure to virtually every aspect of chemical sciences: theoretical, applied, instrumental, computational, experimental, and physicochemical understanding. The syllabus of M.Sc. chemical sciences is designed in such a way that it helps students understand and enhance their knowledge about the subject for qualifying any of the national level entrance examinations and deepen their creative outlook. The School provides professional training and research practice, which helps to develop advanced scientific and research skills of the students. After course completion, students are eligible to become a researcher, project assistant, project associate, junior research fellow, senior research fellow, scientific writer, subject matter expert, faculty members, scientists, and others.

Faculty and students of the School have been publishing their research findings in reputed international journals, books, and science magazines. The School has been pursuing innovative approaches and playing a vital role in linking the results of science and their usage in society and endeavouring to bridge the gap between physical and biological sciences. The indigenously developed methodology has also gained further importance due to interdisciplinary approaches in various fields like nanotechnology, renewable energy, bio-inspired molecules, multifunctional supramolecules, and green engineering to a level of successful technology transfer to industries. These sciences are useful to design and develop new molecular entities and methods to apply in various fields, such as defence, electronics, communication, and space research. The School offers the choice-based credit systems (CBCS) learning.

As per the expertise of the faculty members, the School conducts innovative and advanced optional short term and certification courses along with the primary course curricula. Seminars, workshops, interactions, and discussions are regularly organized for academic development and knowledge enrichment with equal opportunities. The congenial academic environment for creative learning, interacting, expressing ideas is being maintained in the School so that the talent of students is expressed without hesitation for innovative, productive, and advanced learning and research. The School takes the utmost care of each and every student for excellent learning and shaping up as an accountable and responsible citizen. The School offers the following courses.

Programmes Offered

1. M.Sc. in Chemical Sciences
2. Ph.D. in Chemical Sciences

3. Certificate Course on Analytical Technique for Visually Challenged (ATVC) (Six Months)

Faculty Profile

Prof. Man Singh, Senior Professor and Dean

Research Interests: Thermodynamics of molecular interactions of structural liquid mixtures, nanoemulsion, and graphene structural modifications.

E-mail: mansingh@cug.ac.in

Prof Dinesh Kumar, Professor

Research Interests: Bioactive metal-based macromolecular and Schiff base complexes, nano catalysis, and development of nanosensors and nanoadsorbents.

E-mail: dinesh.kumar@cug.ac.in

Dr. Dhananjoy Mondal, Assistant Professor

Research Interests: Synthesis of bioactive natural products, organo-nanoconjugates, and peptidomimetics.

E-mail: dhananjoym@cug.ac.in

Dr. Dandamudi V. Lenin, Assistant Professor

Research Interests: Synthetic organic chemistry, synthesis of bioactive molecules, and application of organo and nano catalysis.

E-mail: lenindv@cug.ac.in

Dr. Gururaja G. N., Assistant Professor

Research Interests: Organic synthesis, fluorine chemistry, asymmetric synthesis, synthesis of bioactive and natural products, NHC carbene and organo-catalysts, and graphene-based nano-catalysts.

E-mail: gururaja.n@cug.ac.in

Dr. Panchami Prabhakaran, Assistant Professor

Research Interests: Bioorganic Chemistry: Biomimetic and supramolecular chemistry, Inhibitors of macromolecular interactions and therapeutics bioconjugation and drug delivery E-mail: panchami.p@cug.ac.in

SCHOOL OF EDUCATION

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

The School of Education is proud to announce that it was awarded prestigious funding under **Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMNMTT)** by the Department of Higher Education, Ministry of Education, Government of India in the academic year 2019-20. Under this scheme, the School has two Centres:

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

The school is in the process of extending the funding award for the next five years.

Programmes offered

1. **Ph.D. in Education**
2. **M.Ed.**

Faculty Profile

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

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

Email: hbpatel@cug.ac.in

Dr. Jayendrakumar N. Amin, Associate Professor

Research Interests: Educational Psychology, Teacher Education, Elementary Education and ICT in Education.

Email: j.amin@cug.ac.in

Dr. Gavisiddappa R. Angadi, Associate Professor

Research Interests: Educational Technology, ICT in Education, Action Research, Science Education and Teacher Education.

Email: gavimahi@cug.ac.in

Dr. Y. Vijaya Lakshmi, Assistant Professor

Research Interests: Teacher Education, ICT in Education and Elementary Education.

Email: vijaya.lakshmi@cug.ac.in

Dr. Shamim Aara Hussain, Assistant Professor

Research interests: Educational Psychology, Educational Technology and Science Education.

Email: shamimaara@cug.ac.in

Dr. Shilpa S. Popat, Assistant Professor

Research interests: Environmental and Science Education, Educational Measurement and Evaluation.

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SCHOOL OF ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

The man-environment relationship indicates that pollution and deterioration of the environment have a social origin. Environment pollution has become a major global concern. Global society is facing the challenge of improving the quality of air, water, soil, environment and maintaining the ecological balance. The growth of industrialization, urbanization, modern agricultural development and energy generation has resulted in the indiscriminate exploitation of natural resources for fulfilling human desires and needs, which has contributed in disturbing the ecological balance on which the quality of our environment depends. In recent time, one of the major issues is the threat to human life from the progressive deterioration of the environment. 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, and understanding of our environment. Sustainable development emphasizes the use of natural resources and employing eco-friendly technology for production, processing, and operation in industries and making societies ready for environmental development and management.

The School of Environment and Sustainable development is offering M.Phil. / Ph.D. programme since its inception in 2011. M.Sc. in Environmental Sciences was introduced during the academic year 2015-16 to support the basic research understanding in the field. Environmental Sciences is an interdisciplinary field of study. M.Sc. in Environmental Sciences covers ecology; ecosystem; biodiversity; natural resources; environment and energy; environmental pollution; pollution control technology; environmental monitoring and assessment; green technology; environmental laws and regulation; instrumentation and statistics; Industrial hygiene and safety; environmental toxicology; environmental biotechnology and nanotechnology; sustainable development and management.

The School of Environment and Sustainable Development achieved EDUCATION LEADERSHIP AWARD by 21st Business School Affairs (BSA) and Dewang Mehta Business School

School is focusing on Technology Transfer from lab to land for Developing Ecovillage to benefit the society

Programmes offered

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

Faculty Profile

Prof. Bhawana Pathak, Professor & Dean

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

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Prof. R. Y. Hiranmai, Professor

Research Area: Organic farming; Vermi- technology; Solid Waste management

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Prof. Pallavi Sharma, Professor

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

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Dr. Rajesh Singh, Assistant Professor

Research Area: Bio-electrochemical wastewater treatment, Pollution monitoring

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Dr. Paulami Sahu, Assistant Professor

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

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Dr. Kumari Rina, Assistant Professor

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

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Dr. Dheeraj Rathore, Assistant Professor

Research Area: Ecology, Stress Physiology, Physiology of Biofuel Production and sustainable agriculture

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SCHOOL OF INTERNATIONAL STUDIES

About the School

The School of International Studies (SIS) was established in 2009. It focuses on creating new and relevant knowledge in the core areas of International Relations. The School has Centre for International Politics. The School will pursue research in areas such as Theories of International Relations, International Organisations, International Trade and Development, International Law, and Globalisation. Besides the other global areas, the School's immediate area of focus is on India's immediate and extended neighbourhood.

Centre for International Politics

The Centre for International Politics (CIP) was established in 2012. The Centre offers a standalone M.Phil. and standalone Ph.D. programme in International Politics. Academic activities at the Centre takes place within the framework of the discipline of International Relations (IR). Teaching and research in the theory and practice of international politics are the core concerns of the Centre. The Centre's objective is to disseminate the existing knowledge and generate new knowledge, pertaining to issues of IR through teaching and research. The centre aims to train new generation of scholars and analysts in IR and aspires to inculcate much needed interest in the discipline. Courses facilitate the comprehension of complex issues of significance within the broad context of IR. Two courses on research methodology are intended to equip and train students in the methods and techniques of research, the methodological debates and issues in social sciences, as well as the basic approaches and concepts of analysis.

Programmes offered

1. M.A. in Politics and International Relations
2. Ph.D. in International Politics

Faculty Profile

Dr. Manish; Professor and Dean, School of International Studies

Research Interests: Foreign Policy, Arms Control, Disarmament, Terrorism and South Asia

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Dr. Saurabh Sharma; Assistant Professor

Research Interests: Post-conflict governance, Peace Studies, Terrorism, Small Arms Proliferation and Drug Trafficking in South and Central Asia

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Ms. Eva Loreng; Assistant Professor

Research Interests: Theories of international relations, globalization, diaspora, culture, migration, soft power.

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SCHOOL OF LANGUAGE, LITERATURE AND CULTURE STUDIES

School of Language, Literature and Culture Studies (SLL&CS) runs undergraduate, postgraduate and research 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, questions related to migration and identity of diaspora communities from 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.

Classroom lectures are designed to ensure students' participation and involvement. Teachers also use seminars, workshops, and films to impart instruction. Students have to submit assignments, projects, and papers regularly as part of their coursework. They are also required to make presentations/give seminars on topics related to their subjects. Students' participation in the classroom is given special weightage in evaluation. In each semester there is a mid-semester examination and an end-semester examination. All the centers of the School arrange lectures by learned experts and hold workshops and seminars on new fields/areas of the subject. The School currently has the following centres and programmes of study.

Dean of School: Prof Sanjeev Kumar Dubey, **Email:** sanjeev.dubey@cug.ac.in

Centre for Comparative Literature and Translation Studies

The Centre for Comparative Literature and Translation Studies at the Central University of Gujarat has been at the forefront of examining and debating on the future trends within comparative Literature in the last few years. The centre has been focused with its activities and at present has reshaped and reoriented the centre towards the larger debate of Indian Literatures and its context within Asia and Asian Studies. The thrust of the centre at present is on the larger geopolitical 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. The thrust of the centre ahead is on the following:

Asian Literatures, World Literatures, Comparative Indian Literatures, Translation, Cultural forms, Historiography, Comparative art forms, Folklore, Linguistics and Languages

Programmes Offered

1. Ph.D. in Comparative Literature

Faculty Profile

Prof Balaji Ranganathan, Professor and Chairperson

Areas of Expertise: Psychoanalysis, Orientalism, Asian and Oriental Studies, 19th and 20th century Indian political discourse, archaeology and numismatic studies of early India, development of early and medieval Indian bronzes and art history.

Email: balajiranganathan@cug.ac.in

Dr. Zarana Maheshwari, Assistant Professor

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

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Dr. Zakia Firdaus, Assistant Professor

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

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Ms. Niveditha Kalarikkal, Assistant Professor

Areas of Expertise: her areas of specialization are Translation Studies and History of Print in Kerala.

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Centre for English Studies

The Centre for English Studies was established in the year 2010. English Studies is an area that has undergone a sea-change in the last two decades. While the debate about the place of English in India is not a new one, a more nuanced understanding of the different literatures in India has become possible due to recent and exciting research in the fields of literary history, translation studies, culture studies, and performance studies. The course content reflects the changed contours of the discipline of English Studies. The overall objective of the programmes is to train the students to think critically about language, literature, and culture. The Centre offers the following programmes:

Programmes offered

1. M.A. in English
2. Ph.D. in English

Faculty profile**Prof. Atanu Bhattacharya, Professor and Chairperson, CES**

Research Interests: English Language Studies, Cultural Studies, Digital Technology Studies, Bengali Science Fiction

Email: atanu@cug.ac.in

Dr. Ishmeet Kaur Chaudhry, Assistant Professor

Research Interests: Literatures from the Margins, Women Studies, Translation and Sikh Studies

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Dr. Dhara Chotai, Assistant Professor

Research Interests: Life Writing, Literary Historiography, Comparative Indian Literature, Translation Studies

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

Research Interests: 20th Century American Literature, Modernism, Editorial Theory, Literary History, Psychoanalysis

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हिन्दी अध्ययन केन्द्र

भाषा केवल अभिव्यक्ति एवं संपर्क का माध्यम ही नहीं है, बल्कि वह सामाजिक सोच, सामासिक संस्कृति और सामूहिक मानसिकता के निर्माण में महत्वपूर्ण भूमिका निभाती है। भारत जैसे बहुभाषी और बहुसांस्कृतिक देश की राजभाषा एवं संपर्क भाषा होने के साथ-साथ हिन्दी विभिन्न भाषा-भाषी समाजों और संस्कृतियों के बीच अंतःसंवाद का माध्यम भी है। गुजरात केन्द्रीय विश्वविद्यालय का हिन्दी अध्ययन केन्द्र शैक्षिक एवं सामाजिक प्रतिबद्धता के साथ उपेक्षित समूहों को केन्द्र में लाने की प्रक्रिया में हिन्दी भाषा एवं साहित्य की भूमिका को महत्वपूर्ण मानता है। हिन्दी अध्ययन केन्द्र अपने गहन दायित्व और भूमिका के अनुरूप विभिन्न साहित्यिक-शैक्षणिक गतिविधियों का आयोजन करता रहता है। पाठ्यक्रम की आवश्यकताओं के अनुरूप विविध विषयों पर विशिष्ट व्याख्यानों, राष्ट्रीय-अंतरराष्ट्रीय परिसंवादों / संगोष्ठियों एवं कार्यशालाओं के आयोजन द्वारा विद्यार्थियों के अकादमिक उन्नयन और समग्र विकास के प्रति हिन्दी अध्ययन केन्द्र कृत संकल्प है। विगत दशकों में रोजगार के विभिन्न क्षेत्रों में हिन्दी के विद्यार्थियों के लिए विकसित हुए नये अवसरों को ध्यान में रखकर हिन्दी भाषा एवं साहित्य अध्ययन केन्द्र ने अपने एम.ए. पाठ्यक्रम का निर्माण किया है। केन्द्र के एम.ए. पाठ्यक्रम में आधारभूत पाठ्य-पत्रों के साथ ही हिन्दी पत्रकारिता, रेडियो, टी.वी. एवं वेब माध्यम, हिन्दी सिनेमा, प्रयोजनमूलक हिन्दी, अनुवाद तथा प्रवासी साहित्य जैसे विषयों को प्रमुखता से स्थान दिया गया है। विद्यार्थियों की क्षमता और दक्षता का मूल्यांकन करने के लिए पाठ्यक्रम के अंतर्गत पुस्तक समीक्षा, मोनोग्राफ लेखन, साक्षात्कार, पटकथा लेखन, मीडिया लेखन, रूपांतरण, शोध पत्र लेखन, कार्यालयीन पत्र लेखन और अनुवाद आदि विषयों पर प्रकल्प कार्य निर्धारित किए गए हैं। केन्द्र के समस्त पाठ्यक्रम अपने स्वरूप एवं प्रकृति में अन्तर-अनुशासनात्मक हैं। पीएच.डी. के कोर्स वर्क के अंतर्गत अनिवार्य शोध प्रविधि और प्रक्रिया के साथ स्त्री, दलित, आदिवासी, अल्पसंख्यक तथा हाशिये के समाज पर केंद्रित साहित्य की विविध विधाओं, आधुनिक साहित्य सिद्धांतों, तुलनात्मक साहित्य, लोक साहित्य, संस्कृति, सिनेमा, अनुवाद एवं मीडिया अध्ययन आदि विषयों पर विशेष जोर दिया गया है।

केन्द्र के पाठ्यक्रम:

1. हिन्दी में एम. ए.
2. हिन्दी में पीएच. डी.

संकाय सदस्य:

प्रो. संजीव कुमार दुबे, प्रोफेसर एवं अध्यक्ष, हिन्दी अध्ययन केन्द्र

शोध रुचि: हिन्दी कथा साहित्य, आधुनिक कविता, प्रयोजनमूलक हिन्दी, हिन्दी पत्रकारिता एवं मीडिया अध्ययन

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डॉ. प्रमोद कुमार तिवारी, असिस्टेंट प्रोफ़ेसर

शोध रुचि: भाषा, लोक साहित्य, अंतरानुशासनात्मक अध्ययन, शिक्षा और आधुनिक कविता

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डॉ. गजेन्द्र कुमार मीणा, असिस्टेंट प्रोफ़ेसर

शोध रुचि: आधुनिक हिन्दी कविता और आदिवासी साहित्य

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CENTRE FOR GERMAN STUDIES

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 Centre offers the following programmes:

Programmes Offered

1. B.A. (Hons.) in German Studies
2. M.A. in German Studies
3. Ph.D. in German Studies

Faculty Profile

Ms. Jaspreet Kaur Layal, Assistant Professor & Coordinator

Research interests: Literary translation of German Children's and Juvenile Literature; Film adaptations of Children's and Juvenile Literature; Subtitling and dubbing.

Email: jaspreet.layal@cug.ac.in

Dr. Vinai Kumar Donthula, Assistant Professor

Research interests: DaF, Linguistics, and Translation.

Email: vinaikumar@cug.ac.in

Dr. Roshan Lal Jahel, Assistant Professor

Research interests: German Literature, DaF and German Cinema.

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CENTRE FOR CHINESE STUDIES

Chinese language learning has emerged as a major academic discipline in today's world. The interaction between India and China has a history of more than two thousand years. China is India's largest neighbor and biggest trading partner. As neighbors, India and China have much in common in terms of values and worldviews. Besides being the two most populous countries of the world, India and China have also emerged as two largest developing countries.

There has always been a need to enhance mutual understanding between China and India. 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 Chinese Studies in India. In order to nurture such scholars, the Central University of Gujarat has established the Centre in the year 2011. Centre is equipped with a fully functional language lab, which offers a state of art teaching-learning experience. Students from the Centre have been regularly awarded scholarships to pursue higher studies in China by MHRD, Govt. of India and China Scholarship Council, China. Centre students have also been selected as members of Youth Delegations sent to China by Govt. of India.

Excellent job opportunities are available for students after completion of the courses in academia, research organizations, government, and private sectors. Right since its inception, the Centre is maintaining an excellent placement record. Growing trade and investment between India and China offer excellent employment opportunities to Chinese language experts. The Centre offers the following programmes:

Programmes Offered

1. B.A. (Hons.) in Chinese
2. M.A. in Chinese

B.A. (Hons.) in Chinese

The 6-semester course has been designed to enable students acquire advanced skills of reading, writing, listening, speaking, comprehension and translation in Chinese language. The course also equips students with a good base in Chinese literature, culture, society, history and politics. It emphasizes on multi-sensory learning using audio and visual presentations and learning through continuous practice. The stand-alone 148 credit B.A. (Hons.) programme is being offered from the academic year 2018-19. Students who have successfully completed their 10+2 (Senior Secondary/Intermediate) in any stream may apply for the programme.

M.A. in Chinese

The M.A. programme consists of total 4 semesters. In the four semesters, the programme offers specialized courses in a range of fields like Chinese literature, literary movements, periods in literary history, translation & interpretation, linguistics, evolution of Chinese language, the cultural and political history of China, China's strategic thoughts, government and politics in China and so on. Over the four semesters of the M.A., in each semester the students are also required to write a dissertation on an area of their choice. Students who have successfully completed their B.A. in Chinese may apply for the programme.

Faculty Profile

Swami Kundan Kishor, Assistant Professor & Coordinator

Research interests: Poetry Translation, Journalistic Translation, Traditional Chinese, Chinese History, Folk Literature, Ancient Chinese Literature.

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Prabhat Kumar, Assistant Professor

Research interests: Chinese Language, Literature, Culture; Chinese Media & Society; Translation & Interpretation.

Email: prabhat@cug.ac.in

Nishant Kumar, Assistant Professor

Research interests: Modern & Contemporary Chinese Literature, Chinese Language & Linguistics, Translation/Interpretation, History, Society & Culture of China.

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Prashant Kaushik, Assistant Professor

Research interests: Chinese Language and History, Translation, Translation Theory, Interpretation.

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Priyanka Dhargave, (Guest Faculty)

Research interests: Chinese Language and Literature, History and Culture of China, Translation, Interpretation.

Email: priyankajnu2007@gmail.com

ગુજરાતી ભાષા - સાહિત્ય કેન્દ્ર

Centre for Gujarati Language and Literature

ગુજરાત કેન્દ્રીય વિશ્વવિદ્યાલય, ગાંધીનગરમાં ગુજરાતી ભાષા - સાહિત્ય કેન્દ્રનો પ્રારંભ વર્ષ ૨૦૧૭-૧૮ કરવામાં આવ્યો છે. ગુજરાતી વિષયમાં એમ.એ (અનુસ્નાતક અભ્યાસક્રમ)ની શરૂઆત કરવામાં આવી હતી. ગુજરાતી એમ.એ. નો અભ્યાસક્રમ ચાર સત્ર (બે વર્ષ) નો છે. ગુજરાતી ભાષા - સાહિત્ય કેન્દ્રના અભ્યાસક્રમમાં ગુજરાતી ભાષા અને સાહિત્યના મુખ્ય અભ્યાસક્રમ ઉપરાંત વિભિન્ન પ્રકારની આંતર વિદ્યાકીય (ઇન્ટર ડિસિપ્લિનરી) શાખાઓને પણ સામેલ કરવામાં આવી છે. વિવિધ વૈકલ્પિક વિષયોનો સમાવેશ આ અભ્યાસક્રમમાં કરવામાં આવ્યો છે. આ અભ્યાસક્રમનો મુખ્ય હેતુ માત્ર ગુજરાતી ભાષા અને સાહિત્યના વ્યાપક કૌશલ્ય અને જ્ઞાન આપવા ઉપરાંત સાંસ્કૃતિક વિદ્યા, ફિલ્મ, દલિતસાહિત્ય, તુલનાત્મક સાહિત્ય, લોકસાહિત્ય, આદિવાસી સાહિત્ય, સંતસાહિત્ય, ચારણી સાહિત્ય વગેરે વિષયોમાં વિસ્તૃત સમજણ, જ્ઞાન અને કૌશલ્ય પુરુ પાડવાનો છે. ગુજરાતી ભાષા - સાહિત્ય કેન્દ્ર એ ભાષા સાહિત્ય અને સંસ્કૃતિ અધ્યયન સંસ્થાન (SLL& CS) નો એક ભાગ છે. ગુજરાતી ભાષા - સાહિત્ય કેન્દ્રમાં ક્રમશઃ વિષય સંલગ્ન પરિસંવાદ, કાર્યશાળા અને વ્યાખ્યાનોનું આયોજન થાય છે. આ કેન્દ્રના વિદ્યાર્થીઓ રાષ્ટ્રીય અને આંતરરાષ્ટ્રીય ફલક પર પોતાના અભ્યાસનું ક્ષેત્ર વિસ્તારી શકે એ માટે વિવિધ સંસ્થાઓ સાથે વિદ્યાકીય જોડાણો કરવામાં આવી રહ્યા છે. વર્ષ ૨૦૨૧-૨૨ થી ગુજરાતી ભાષા સાહિત્ય કેન્દ્રમાં સંશોધન પ્રોગ્રામ અંતર્ગત પીએચ.ડી.પદવી માટે પ્રવેશ પ્રારંભ થઈ રહેલ છે. જેમાં યુ.જી.સી. નેટ પાસ ન હોય એવા વિદ્યાર્થીઓને પણ ફેલોશિપ આપવામાં આવે છે.

Programmes offered

1. M.A. in Gujarati
2. Ph.D. in Gujarati

Faculty profile**Prof. Rajesh Makwana (Professor and Chairperson)**

Areas of Interest/Specialization: Literary Criticism, Medieval Literature, Marginal Literature, Folk Lore

Email: rajesh.makwana@cug.ac.in

Dr Ajaysinh Chauhan (Associate Professor)

Research Interests: Postmodern literature, Travelogue Literature

Email: ajay.sinh@cug.ac.in

Dr Pratibha Pandya (Assistant Professor)

Areas of Interest/Specialization: Literary Criticism, Tribal Literature, Folk Lore

Email: pratibha.trivedi@cug.ac

Dr Deepak Bhatt (Assistant Professor)

Areas of Interest/Specialization: Contemporary Literary and Cultural Theory, medieval Literatures, criticism, Indian Literatures.

Email: deepak.bhatt@cug.ac.in

MS. Sangita Chaudhari (Assistant Professor)

Areas of Interest/Specialization: Tribal Literature, Linguistic, Literary Criticism

Email: sangita.chaudhari@cug.ac.in

Dr Baldev Prajapati (Assistant Professor)

Areas of Interest/Specialization: Drama, Folklore, Post Modernism, Comparative Study

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Dr. Vijeta Gamit, (Guest Faculty)

Areas of Interest/Specialization: Medieval Literature, Diaspora

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SCHOOL OF LIBRARY AND INFORMATION SCIENCE

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

The course structure is choice based, flexible and practice oriented with an emphasis on digital approaches to Library and Information Science. The teaching process involves interactive lectures, video tutorials, field visits, internship, assignments and seminars, projects and hands-on training.

The School of Library and Information Science is offering the following programmes in AY 2020-21:

Programmes Offered

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

Faculty Profile

Dr. Bhakti Gala, Assistant Professor

Research Interests: Knowledge Organization and Access; Social Media and Libraries; Sustainable Libraries; Information Society; Information Literacy; Information Systems; Open Access & Open Knowledge; Digital Content.

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Dr. Minaxi Parmar, Assistant Professor & Coordinator

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

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Dr. Rashmi Kumbar, Assistant Professor

Research Interests: Library & Information Management, Knowledge Management, Information Resources & Services, Information Literacy, School Librarianship, Life Skills, Academic Writing and Technical Communication

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Dr. Hiten M Parmar, Guest Faculty

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

SCHOOL OF LIFE SCIENCES

Ever since its inception in 2010 as an independent school, the School of Life Sciences 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 M.Sc. students earn knowledge and training in the basics as well as advances in Life Sciences through exposure to modern tools and techniques. Students admitted in Ph.D. program are offered one-year coursework covering various aspects of techniques and research methodology in biological sciences. The nature of course is interdisciplinary, with close interface between various disciplines of biological sciences.

The School has well equipped Central Instrumentation Facility (CIF) having ultramodern equipment to support advanced experimentation and provides avenues for high quality research. In addition, the School has state-of-art laboratories to enable cutting edge research in the field of Biochemistry and Molecular biology, Cell Biology, Microbiology, Immunology, Metabolic disorders, Biophysics, Plant Biotechnology and Biomaterial Engineering.

Programmes offered

1. M.Sc. in Life Sciences
2. Ph.D. in Life Sciences

Faculty Profile

Prof. Seema Rawat; Professor & Dean

Research Interest: Molecular Microbial Ecology, Microbial Technology, Antimicrobial Resistance, Microbial Stress Physiology, Bioremediation, Solid Waste Management, Plant Growth Promotory Rhizobacteria

Email: seema.rawat@cug.ac.in

Prof. Umesh C. S. Yadav; Professor (On Lien)

Research Interests: Understanding the molecular mechanisms of cytotoxicity leading to chronic inflammatory diseases during metabolic disorder including diabetic and cardiovascular complications, cancers, asthma and COPD

E-mail: umeshyadav@cug.ac.in

Dr. Rajesh Vasita; Assistant Professor

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

E-mail : rajesh.vasita@cug.ac.in

Dr. Sunita Patel; Assistant Professor

Research Interests: Biochemistry, biophysical chemistry, RNA-protein interactions, protein chemistry, spectroscopy: application to biology.

Email: sunitapcug@gmail.com

Dr. Anju Pappachan; Assistant Professor

Research Interests: 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

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Dr. Swati Joshi; Assistant Professor (On contract)

Research Interests: Industrial microbiology and biotechnology, metagenomics, extremozyme research, protein engineering, heterologous protein expression systems and downstream processing

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SCHOOL OF NANO SCIENCES

The school has offered M.Sc. in Nanotechnology and direct Ph.D. program in Nano Sciences since 2016-17. This year we are offering MSc. in Nanoscience and Ph.D. in Nanoscience. The M.Sc. and Ph.D. program will cover a broad range of disciplines to enable the students to make an objective judgment of the scientific importance and technological potential of developments in micro- and nanotechnologies and to perform a range of activities related to Nanoscience. 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 Sciences is equipped with equipment such as UV-VIS spectrophotometer, Thermal CVD system, Photocatalytic setup, Gel Electrophoresis, Ovens, Incubator, bath sonicator, centrifuge, Four probe and Hall apparatus etc. The school also has the facilities for both microbial and mammalian cell culture. Students have access to most recent books, journal pertaining to nanoscience/nanotechnology exclusively, both in hard copy and electronic form. They also have access to both national and international sites being routed through the Central Library of the University.

Programmes offered

1. M.Sc. in Nanoscience
2. Ph.D. in Nanoscience

Faculty profile

Prof Dr. Pallavi Sharma, Professor & Dean in Charge

Research Interests: Deciphering the mechanisms of environmental stress tolerance in plants, Phytoremediation.

Dr. Charu Lata Dube, Assistant Professor

Research Interests: Microwave synthesis of alloy nanowires, development of fusion materials, development of nanomaterials for energy and biomedical applications.

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Dr. Umesh Kumar, Assistant Professor

Research Interests: Nano-Biotechnology; synthesis, characterization, Surface functionalization/bio-conjugation of nanoparticles, and Biophysical studies of cells; Cellular nanoparticle binding/uptake studies; experience on High resolution microscopy like Confocal, Fluorescence, Atomic Force Microscopy etc.; development of multifunctional, biodegradable and biocompatible nano-carriers for delivering small molecules to plants or humans with enhanced bioavailability and efficacy.

Email: umesh.kumar@cug.ac.in

Dr. Hitesh Kulhari, Assistant Professor

Research Interests: Anticancer nanomedicines; nanotechnology-based drug and gene delivery systems, bioimaging, biomaterials, and development of pharmaceutical products.

Email: hitesh.kulhari@cug.ac.in

Dr. Manu Sharma, Assistant Professor

Research Interests: Synthesis of the highly efficient photocatalyst, water splitting, electrocatalysis and nanomaterials for energy storage devices. Nanocomposites for catalytic applications, waste management and sensing applications. Designing of porous nanomaterials for water purification.

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SCHOOL OF NATIONAL SECURITY STUDIES

About the School of National Security Studies

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

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

The School offers a **M.A. in Defence and Strategic Studies**. The post-graduate course has been designed to equip students with theoretical knowledge and policy analysis skills. Drawing on a wide range of disciplinary fields including defence and strategic studies, international relations, political science etc., the courses offered under the M.A. programme will help students understand emerging security and strategic challenges in a globalized world. The courses in the PG program addresses key elements of both traditional and non-traditional security issues ranging from India's defence and national security, international security, internal security and terrorism, cyber security, GIS and National Security as well as a range of non-traditional security issues like the biological threats, energy security etc. The two-year program covers the entire UGC-NET syllabus in Defence and Strategic Studies.

The focus of the MA Program is to equip students with the knowledge and skill sets to pursue a career in academics, private sector, think tanks, research institutions, diplomacy, journalism, civil services, humanitarian and non-governmental work. To this end, the syllabus has courses on Cyber Security, Geographical Information System (GIS) and National Security, Computer Skills, Disaster Management, Foreign and Security Policies of China, Introduction to West Asia, Research Methodology in addition to covering the entire NET syllabus in Defence and Strategic Studies. As part of the MA course, regular interactions and lectures are organised with military officers, experts from the private sector, security officials, diplomats and academics from various universities and think tanks. The students are also assisted and encouraged to pursue internships during the course.

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

The Centre for Security Studies is functioning under the School of National Security Studies from 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. Courses facilitate the comprehension of complex issues of significance within the broad context of security studies.

Programmes offered

1. M.A. in Defence and Strategic Studies
2. Ph.D. in Security Studies

Faculty Profile

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

Research Interests: National Security, Internal Security, Terrorism & Insurgency, Security and Politics in South Asia, Border and Coastal Security

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

Research Interests: Arms Control and Disarmament, Nuclear Strategy and Deterrence, India's Defence Ecosystem, Higher Defence Management, Indian Foreign and Defence Policy.

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Dr. Kishor Jose, Assistant Professor

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

Email: kishor@cug.ac.in

Dr. Nongmaithem Mohandas Singh, Assistant Professor

Research Interests: National Security and North-East India, Geopolitics and Security in Asia-Pacific and India's Neighbourhood, Conflict Resolution, Security & Foreign Policy of Russia and Central Asia.

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Dr. Manasi Singh

Assistant Professor, Centre for Security Studies

Research Interests: Role of International Organizations in peace and security, Conflict, Security and Development, EU as a Global Actor, Security Architecture in Asia-Pacific, Connectivity and Geopolitics

Email: manasi.singh@cug.ac.in

Mr. T.K. Singh

Assistant Professor, Centre for Security Studies

Research Interests: Cyber Security, Terrorism and Counter Terrorism, Intelligence & Counterintelligence, Organised Crime and Illicit Trafficking, Low Intensity Conflict, Higher Defence Organisation, Civil Military Cooperation

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Centre for Strategic Technologies (Cyber/Space Security)

The Centre for Strategic Technologies is one of the two new centres established under the School of National Security Studies in 2018. The centre occupies a unique place in the Indian university system, because for the first time a teaching and research centre has been established purely to study the evolution, future development trajectories and impact of strategic technologies on the society, military, economy and the country at large. Strategic technologies are broadly understood as those technologies which have an impact on national security. The centre will work at the intersection of strategy, technological change and evolution and their impact on a country's foreign and military strategy. Given the rapid changes in technologies and associated developments in the area, such a broad understanding will allow for accommodation of future developments into the ambit of study in the centre. Modules have been incorporated in the syllabus to enhance prospects of employment for the students. It focuses on critical Cyber Security world and Space technologies in societal, military, economy and national context. Though academic activity has begun in the centre, teaching and research programmes are being offered from the academic session.

The Centre is also planning to start short-term Certificate and Diploma Programmes in areas related to Cyberspace and National Security, Cyber Law etc. The academic programmes offered at the Centre intend create skilled human resources suited to the requirements of government organisations, private sectors and research institutions, through lab-based learning, exposure to industry and hands on experience of issues facing the countries. The fully equipped GIS and Cyber lab will add to the learning experience of students. We aspire to produce & nurture the talent which will shape the security policy of India in the future

Programmes offered

1. **Ph.D. in Strategic Technologies and National Security**

Focus areas where applications are invited for admission to PhD program in Centre for Strategic Technologies: Cyber Space and National Security, Regulatory framework of Cyber Domain, Space Technology in context of National Security, Weaponization, Militarisation and deterrence in outer space.

Faculty Profile

Dr. Shrish Kumar Tiwari, Assistant Professor and Coordinator

Research Interests: Cyber Law- Information Technology Act, Privacy law, Data Protection,

Information Security, E-commerce.

Email: shrish.tiwari@cug.ac.in

Dr. Sourabh Kumar, Assistant Professor

Research Interests: India's Foreign and Defense Policy, India's Space Security, Traditional and Non-Traditional Security Challenges, French Language

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Centre for Maritime Security Studies

The Centre aims to establish itself as centre of excellence in the field of maritime security in India, promoting policy relevant research and analysis through collaboration with government, policy practitioners, academics and industry. Given the importance of Gujarat's historical connections with the larger world, the Centre aims to focus on issues related to Gujarat's coastal and maritime security. The State located in Western part of India is rapidly growing as India's maritime hotspot and has tremendous potential to develop in areas of port development, maritime trade and commerce,

The Centre's aims to build knowledge on emerging issues and concerns related to India's coastal and maritime domain, the institutions, practices, and discourses that shape them and India's role in the Indian Ocean particularly its engagement with Arabian Sea littorals. The core research areas of the Centre include India's maritime security and strategy, maritime history, blue economy, coastal planning and management, piracy, irregular warfare at sea, maritime trade, maritime law and governance, security and governance in Indian Ocean.

The Centre plans to start a certificate course in maritime security and organize training programmes for officials from the Indian Navy, Coast Guard and other interested stakeholders. Since its inception, the Centre has organized several events including conferences, workshops and talks by experts in the field of maritime studies. These events have turned out to be very productive in terms of generating ideas and disseminate knowledge to a wider audience. In future, the Centre will also offer a PhD programme with an inter-disciplinary focus relating to history, international relations and strategic studies.

Faculty Profile

Dr. Manasi Singh, Assistant Professor and Coordinator, Centre for Maritime Security Studies

Research Interests: Role of International Organizations in peace and security, Conflict, Security and Development, EU as a Global Actor, Security Architecture in Asia-Pacific, Connectivity and Geopolitics

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School of Social Sciences (SSS)

The School of Social Sciences has remained a dynamic school of study 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, and empirical research. 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. The School comprises of five Centres each offering M.A. and Ph.D. programmes while there are three School level programmes like M.A. in Social Work, M.A. in Gender Studies, and M.A. in Political Science.

Dean of the School: Prof. Sarita Agrawal **Email:** sarita.agrawal@cug.ac.in

School-level Programme

M.A. in Social Work

(Full-time course, Duration: 2 years)

The School has recently started M.A. in Social Work Programme. This programme aims to train students to constructively engage with the policy makers and public so as to evolve innovative strategies through field action projects and practice-based research. The broader objective of this

course emanates from the much felt need of having a social work perspective to the various public policies that are generally framed and implemented by governments for citizens' welfare. The uniqueness of this programme is its integration of social work skills and practices embedded in social sciences with the objective of rational understanding of policy formulation, monitoring and analysis in the larger governance framework.

Social Work Programme Coordinator: Dr. Sony Kunjappan

M.A. in Gender Studies

(Full-time course, Duration: 2 years, Credits: 72)

Critical interrogation of the question of exclusion, invisibility and marginality of women in the traditional disciplinary frameworks has given rise to the emergence of gender studies. Hence, one of the key thrusts has been to instill gender consciousness in the academic knowledge systems. Hinging on to such core ideas, the School offers a two-year M.A. programme in Gender studies from this year. Anchoring to diverse disciplines like sociology, political science, economics, science and social policy, the programme would adopt an interdisciplinary and comparative framework while interrogating the question of gender. Drawing in the interdisciplinary expertise of teachers across the centres in the school of social sciences, the programme aims to cultivate an interdisciplinary space for dialogue and cross-pollination of ideas across disciplinary boundaries. Students wishing to study M.A. in gender studies would be admitted in the course irrespective of their disciplinary background at their undergraduate level.

This course aspires to enable students in cultivating conceptual knowledge to critically analyze theories, methods and develop a nuanced understanding on the way gender shapes our everyday lives and lived realities. In true sense, the programme would help students to connect academic learning to their culturally and historically situated real life contexts. The skill of synthesizing theory with practical applications in the lived realities of people can provide a critical edge to students in sensitizing themselves for becoming agents of social transformation and in creating a just and healthy society. It would also enhance skills of students to undertake research in gender studies touching upon diverse areas of human life.

Gender Studies Programme Coordinator: Dr. Shiju Sam Varughese

M.A. in Political Science

(Full-time course, Duration: 2 years, Credits: 72)

M.A. in Political Science is a two-year full-time programme offering 16 courses (both compulsory and optional) of four credits each, evenly taught over four semesters. In addition, there is a self-study project of two credits in each semester. The programme is of 72 credits. The compulsory or core courses of the programme focuses on political theory/philosophy, political thought, Indian politics (institutions and processes), comparative politics and government, Modern Indian thinkers, international relations, and research methodology. The optional courses revolve around the themes of governance, decentralisation, development, public policy, democracy, inequality and exclusion, social justice, human rights, social movements, tradition-modernity debate, post-modernism, globalisation, political economy, post-colonial state, international politics, foreign policy, terrorism, violence, critical theory, and peace and conflict studies. The objective of the programme is to familiarise the students with the concepts, theories, approaches and paradigms of the discipline of Political Science. 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. All the sixteen courses are based on classroom teaching. The evaluation comprises mid-term examination, assignments (book review / term paper / seminar presentation) and end-term examination.

Political Science Programme Coordinator: Dr. Dhananjay Rai

Centre for Studies in Science, Technology and Innovation Policy (CSSTIP)

Centre for Studies in Science, Technology and Innovation Policy (CSSTIP) 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 by the emergent academic field of Science, Technology and Society (STS) studies. The Centre endeavors to study philosophical, historical, sociological, developmental and cultural dimensions of S&T in India and equips students to critically analyse science, technology and innovation policies. Researchers at the Centre have received research fellowships from different agencies such as UGC NET/JRF; ICSSR, RGNF, and IEG. 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, entrepreneurs, and innovators. Scholars who finish M.Phil.-Ph.D. from the Centre have wide employment opportunities in academics as well as governmental departments/agencies

and civil society organizations such as The Hebrew University of Jerusalem, Israel, Nanyang Technological University, Singapore, Department of Science and Technology, Government of India, NISTADS, IISc, IIIT-V, EDI and other universities and colleges. The centre offers the following programmes:

Programmes Offered

1. Ph.D. in Studies in Science, Technology and Innovation Policy

Faculty Profile

Dr. Hemant Kumar, Assistant Professor & Coordinator

Research interests: Informal sector innovations, systems of innovation, Socio-technical Transition, Science, Technology and Innovation Diplomacy, Animal and STS studies, and History & Philosophy of Science and Technology.

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Dr. Parvathi K. Iyer, Assistant Professor

Research interests: Public engagement with S&T, sociology of science and technology, gender and science in India, academia-industry collaborations in S&T and governance, risk and regulatory issues in S&T. She teaches courses in Science, Technology and Society studies, Research Methodology, History of Science and Technology, Technology Futures Analysis and Sectoral Science and Technology Policy.

Email: parvathikiyer@cug.ac.in

Dr. Shiju Sam Varughese, Assistant Professor

Research interests: Public engagement with science and technology, media and science communication, scientific expertise, science in popular culture, sociology of science and technology, and social history of knowledge.

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Dr. Kunal Sinha, Assistant Professor

Research interests: Science, Technology and Development, Technology Futures Analysis, Intellectual Property Rights and development, Innovation and Socio-Economic Change, Sociology Science and Technology, Health Innovation System, Science, Technology and Foreign Policy.

Email: kunal.sinha@cug.ac.in

Centre for Studies in Economics and Planning

The CSEP under the School of Social Sciences is offering M.Phil./Ph.D. programmes in Economics since 2010-11 and MA in Economics since 2015-16. The main objectives of the Centre are to deliver quality education and to promote socially relevant research in the field of economics and policy-making. In addition to building a theoretical knowledge base in various areas of economics, the Centre strives to promote analytical thinking and empirical research skills to address the

emerging socio-economic issues at local, national and global levels. By means of providing quality research in the different dimensions of economics, the objectives of the Centre are to contribute to policy research, facilitate inclusive and sustainable growth.

The syllabus of the Centre is innovatively designed to enhance students' learning in theoretical, analytical and empirical knowledge to better understand and analyze behaviours of economic agents like individuals, households, firms and economies and their connection to the general well-being of the country. The Centre comprehensively focuses on the areas of regional economic growth and human development, economics of education, informal sector, employment and wages, public finance and policies, health, international business, and industry studies. The faculty members are committed to academic excellence, and they encourage the students to contribute to the welfare of the nation and to promote economic and social justice by means of their valuable and authentic research. The centre offers the following programme:

M.A. and Ph.D. in economics are our flagship programmes that are designed to train students to become professional economists with required skills who can understand, analyze and provide solutions to economic issues and take on a variety of responsibilities within this field of economics. These programmes are structured around ideas and theoretical knowledge of economics and also examination of critical economic questions based on strong component of fieldwork and report writing.

1. **M.A. in Economics:** The M.A. in economics is a full-time two-year, four- semester programme of 72 credits broken into 48 credits of core compulsory courses, 16 credits of core elective courses and 8 credits of field work and report writing. The core compulsory courses offer students a foundational understanding of key concepts, ideas and theories in economics as well essential mathematical, statistical, and econometric tools required in undertaking economic analysis. The elective courses allow the students to choose the key areas in economics where they want to enhance their knowledge and deepen their specialization. Fieldwork and report writing is a compulsory feature of the programme in each semester as it provides students the chance to apply their theoretical knowledge and quantitative tools in analysing economic problems. Overall, the programme has incorporated courses like Statistical methods for economics; Econometrics I, Econometrics II, Economics of Social Sector, FDI and Development in India, Economics of Insurance, Economics of Infrastructure, Data Analysis and Computer Applications in Economics, Entrepreneurship and New Venture Creation, etc that have direct bearing on employability, skill development and entrepreneurship.

2. **Ph.D. in Economics:** The Ph.D. in economics is a minimum of three years including course work and a maximum of six years duration programme. The course work, which is a prerequisite for the programme, covers initial two-semester having 20 credits broken into 10 credits of core compulsory courses, 6 credits of core elective courses and 2 credits of field work and report writing and another 2 credit of term paper writing. The core compulsory courses prepare students by providing courses on research methodology (4 credits) and advanced economic theories. The elective courses allow the students to choose specialization area in the field of economics in which they want to pursue their research. The course-work helps students become skilled, critical and analytical to explore various contemporary economic challenges faced by the nation, regions, sectors, firms and households and reach solutions for those problems.

Faculty Profile

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

Research interests: Labour Economics, Economics of human resource development, Economics of Education, Institutional Economics.

Email: sarita.agrawal@cug.ac.in

Prof. Jaya Prakash Pradhan, Professor and Chairperson, CSEP

Research Interests: Social Economics, Regional Developments, International Economics; and Applied Econometrics.

Email: jppradhan@cug.ac.in

Dr. Kshamanidhi Adabar, Associate Professor

Research Interests: Convergence and Economic Growth, Regional Disparities and Development, Applied Econometrics, Human Development, Econometrics, Macroeconomics, Microeconomics, Economic Growth and Development, Quantitative Techniques/Statistics.

Email: kshama@cug.ac.in

Dr. Sarala Dasari, Assistant Professor

Research Interests: Public Economics, Development Economics, Health Economics, Economics of Education.

Email: saralalenin@cug.ac.in

Dr. Tulika Tripathi, Assistant Professor

Research Interests: Development Economics, Health Economics, Capabilities Approach, Gender and Labour.

Email: tulika.tripathi@cug.ac.in

Centre for Studies in Social Management

The Centre for Studies in Social Management was established in 2010. Today, one can witness great extremities in critical sectors, some of them proving to be the best in the world and others failing to reach even the minimum desired levels. There is extreme prosperity on one hand and absolute deprivation on the other. This situation calls for a strategy and a paradigm shift in terms of managing the social sector. Academics has a pivotal role to play in bringing together the forces of change and complexities involved in the processes. The core idea is to have professionals and researchers who will contribute to innovative and critical ways to the social and development sector.

Programmes Offered

- 1. 5-year Integrated M.A. in Social Management**
- 2. Ph.D. in Social Management**

Faculty Profile

Dr. Sony Kunjappan, Coordinator and Assistant Professor

Research Interest: Criminal Justice Social Work, Police Studies, Social Work, Governance of any institutions/sector, Criminology

Email Id: sony@cug.ac.in; sonyjnu@gmail.com

Dr. Sudeep Basu, Assistant Professor

Research Interests: Refugee and Diaspora studies, Migration, Marginality, Development studies, critical theory and the sociology of knowledge.

Email Id: sudeepbas@gmail.com

Dr. Litty Denis, Assistant Professor

Research Interest: Financial Inclusion, Microfinance, Corporate Social Responsibility

Email Id: litty.denis@cug.ac.in

Dr. M. Roja Lakshmi, Assistant Professor (On contract)

Research Interests: Sociology of Education, Social Movements, Research Methodology, Quantitative Methods, Gender and Health, Human Rights.

Email Id: maila.roja@cug.ac.in

Centre for Studies in Society and Development

Centre for Studies in Society and Development is anchored in the disciplines of Sociology and Social Anthropology. The Centre aims to generate and disseminate knowledge on theoretical and applied aspects of Social Structures and Social Change and Development and also interfaces between them. Its courses introduce and engage with different theoretical formulations and debates concerning local as well as global issues in historical and contemporary contexts. It analyses different processes, actors, structures and power relations as constructed and contested by the state and institutions as well. The pedagogy is based on interactive teaching and reflexive exercise.

Field work is an component of the courses to grasp the complexity of social reality. Students are encouraged to partake in discussion and dialogue to deepen their academic horizon. The centre offers the following programme for this academic year:

Programs Offered

- 1. M.A. in Sociology**
- 2. Ph.D. in Sociology**

Faculty Profile

Dr. Khaikholen Haokip, Assistant Professor & Coordinator

Research interests: Human Rights, Social Movements and Tribal Studies

Email: khaokip@cug.ac.in

Dr. Sudarshan Papanna, Assistant Professor

Research interests: Urban Sociology, Studies of Caste, Studies of Indian Society and Sociology of Knowledge, Sociological Theories, Philosophy of Science and Social Sciences.

Email: sudarshan.papanna@cug.ac.in

Dr. Jayashree Ambewadikar, Assistant Professor

Research interests: Studies on Caste and Weaker Sections, Social Exclusion and Social Security Systems, and Studies on Poverty

Email: jayashree.ambewadikar@cug.ac.in

Dr. Madhumita Biswal, Assistant Professor (On Contract)

Research interest: Sociology of Gender, Sociology of Health and Rural Society.

Email: madhumita.biswal@cug.ac.in

Centre for Gandhian Thought and Peace Studies

Centre for Gandhian Thought and Peace Studies was established in 2011. It is an interdisciplinary centre focusing on research and studies in Gandhian Thought and Peace Studies. The Centre offers Ph.D. in Gandhian Thought and Peace Studies, and M.A. in Political Science. Major thrust areas of research include different aspects of Gandhian Thought and Peace Studies such as: Satyagraha, Sarvodaya, Swaraj, Ahimsa/Peace, Conflict Resolution, Movements, Democracy, Gandhian/Thought, Gandhian Philosophy, Environment movements, peace movements, Decentralisation, Gram Swaraj, Movements, Alternative economic models, and non-violent struggles.

Programmes offered:

1. **M.A. in Gandhian Thought and Peace Studies**
2. **Ph.D. in Gandhian Thought and Peace Studies**

Ph.D. in Gandhian Thought and Peace Studies promotes interdisciplinary research. Mohandas Karamchand Gandhi remains a critical reference point to discern plurality of ideas like Satyagraha, Ahimsa and the doctrine of means and ends. The contemporary relevance of the ideas of Gandhi provides a foundation to the discipline of peace studies. Students in the research programme explore a variety of topics which include peacebuilding through reconciliation, social movements to ensure justice, religion and conflict, violence and its manifestation in different forms. The Ph.D. programme aims at equipping the students with theoretical and empirical knowledge of Gandhian philosophy and peace studies. Students are taught original writings of Gandhi's writings along with courses on modern Indian thinkers in comparative method along with philosophy of science and social sciences. All courses are based on classroom teaching. The evaluation of Coursework comprises mid-term examination, assignments (book review / term paper / seminar presentation) and end-term examination. After successful completion of compulsory course work of Two Semesters, students write Thesis.

Faculty Profile

Mr. Smruti Ranjan Dhal, Assistant Professor & Coordinator

Areas of Interest: Gandhian Thought, Political Theory, and Political Thought.

Email: smruti.dhal@cug.ac.in

Dr. Dhananjay Rai, Assistant Professor

Political Theory/Thought, Gandhian Political Philosophy, Higher Education, Cultural Theory, Political Economy.

Email: dhananjay@cug.ac.in

Dr, Jagannatham Begari, Assistant Professor

Areas of Interest/Specialization: Democracy, Modern India Thinkers, M.K. Gandhi and movements, Subaltern Theory, social inclusion and Political Economy of India

Email: jaganmss@cug.ac.in

Dr. Beryl Anand, Assistant Professor

Peace and Conflict Studies, United Nations and Human Rights, Peace building and Conflict Resolution, Comparative Politics, Politics in West Asia and North Africa, Conflicts in South Asia.

Email: beryl.anand@cug.ac.in

Dr. Priya Ranjan Kumar, Assistant Professor

Areas of Interest: M.K. Gandhi, Peace & Conflict Studies, Security, Theories & Problems of International Relations, Environmental ethics, Foreign Policy and West Asia.

Email: priya.k.ranjan@cug.ac.in

SCHOOL OF APPLIED MATERIAL SCIENCES

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

Industry personnel are regularly invited as guest faculty in the center to provide inputs in industrial requirements and enhance the skill of students. The centre offers the following programme:

Programmes Offered

1. M.Sc. Industrial Chemistry
2. Ph.D. in Applied Chemistry

Faculty Profile:

Prof Prakash Chandra Jha, Dean and Professor

Research Interests: Multiscale Modelling from Molecules to Materials. Computational approach to drug designing and rational approach to catalyst design for energy materials.

Email: prakash.jha@cug.ac.in

Dr. L. Raju Chowhan, Assistant Professor

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

Email: rchowhan@cug.ac.in

Dr. Kamlesh Kumar, Assistant Professor

Research Interests: Smart materials, Liquid crystal polymer networks, Template based fabrication of Micro- and Nanostructured Materials, Polymer hybrid materials, Biodegradable polymers, Preparation of hierarchically structured materials.

Email kamlesh.kumar@cug.ac.in

Dr. Eeshwaraiah Begari, Assistant Professor

Research Interests: Medicinal Chemistry and total synthesis of biologically active natural products.

Email: eeshwarb@cug.ac.in

Centre for Diaspora Studies (CDS)

Centre for Study of Diaspora (CSD) was established in 2011 at the Central University of Gujarat, Gandhinagar, India. It offers an M.Phil. Programme. CSD 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 also 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 up 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 faculty members of the Centre have their background in Humanities and Social Sciences and have specialisation in different aspects of migration and diaspora. The centre offers the following programme:

Programmes Offered

1. Ph.D. in Diaspora Studies

Faculty Profile:

Dr. Atanu Mohapatra, Professor & Chairperson

Areas of Research Interest: Diaspora Studies, Media Studies, International Relations, Development Studies, Research Methodology

Email: atanu.kumar@cug.ac.in

Dr. Naresh Kumar, Assistant Professor

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

Email: naresh.kumar@cug.ac.in

Dr. Rajneesh Gupta, Assistant Professor

Areas of Research 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.

Email: rajneesh.gupta@cug.ac.in

Dr. Siba Sankar Mohanty, Assistant Professor

Areas of Research Interest: Diaspora Studies, Culture Studies, Diaspora and International Relations, Diasporic Literature, International Migration, Caribbean Studies, Indian Diaspora in the Caribbean, Indentured Labour Migration.

Email: siba@cug.ac.in

Mr. Chapparban Sajaudeen Nijamodeen, Assistant Professor

Areas of Research Interest: Literary Criticism and Theory, Migration, Diaspora Studies, Refugee Studies, Human rights, Post-Colonial Studies, Post 9/11 Studies, Film Studies, Comparative Literature, Muslim Literature and Minority Studies.

Email: shujaudeen@cug.ac.in

ACADEMIC CALENDAR 2021-22**Monsoon/Winter Semester**

(UGC Guidelines on Examinations and Academic for the session 2021-22 in view of COVID -19 Pandemic – July 2021)

Odd/Monsoon Semester 2021		
1.	Commencement of Classes for Intermediate Semester/Year Students in Online/Offline/Blended Mode	06.09.2021
2.	Commencement of Classes for New Batch Students	01.10.2021/18.10.2021
3.	Last date for folio submission of fresh entrance	30.10.2021
4.	Deadline for Submission of consolidated list of marks/grades awarded to the students in the sessional evaluation of each course offered by the Centre/School to COE office.	31.12.2021
5.	End-Semester Examination for all students	01.02.2022 to 11.02.2022
6.	Deadline by which end-semester results are required to be forwarded by respective Centres/Schools to the office of the Controller of Examinations	15.02.2022
7.	Result Announcement	28.02.2022
Semester Break: 16.02.2022 to 28.02.2022		
Even/Winter Semester 2022		
1.	Commencement of Classes for all students	01.03.2022
2.	Last date for folio submission	20.03.2022
3.	Deadline for Submission of consolidated list of marks/grades awarded to the students in the sessional evaluation of each course offered by the Centre/School to COE office.	30.05.2022
4.	End-Semester Examination	27.06.2022 to 09.07.2022
5.	Deadline by which end-semester results are required to be forwarded by respective Centres/Schools to the office of the Controller of Examinations	16.07.2022
6.	Result Announcement	30.07.2022
Semester Break: 17.07.2022 to 31.07.2022		
Commencement of Next Academic Session: 01.08.2022		

ADMISSION PROCESS IN CUG

IMPORTANT DATES FOR ADMISSION FOR UG/PG PROGRAMMES

Dates, Fee Details and Application Procedure for CUCET-2021 for UG and PG

Name of the Examination	CU-CET (UI) 2021
Online registration and submission of Application Form through NTA Website: https://cucet.nta.nic.in/	16 August to 01 September, 2021 (up to 11:50 pm)
Last date for successful transaction of Examination fee	02 September, 2021 (up to 11:50 pm)
Date of Correction in Application form	03 to 04 September, 2021

Fee Payable for CUCET 2021 (through: Net-Banking/ Debit Card /Credit Card / UPI/Wallet)	
Category	Application Fee Under Graduate / Integrated (UI)
General/OBC/EWS Applicants	Rs.800/-
SC/ST/Transgender Applicants	Rs.350/-
PWD Applicants	Nil
Note: <ul style="list-style-type: none"> An applicant can apply for payment through net-banking/debit/credit card/UPI/Wallet. Service charges of the concerned Bank/ Payment Gateway Integrator, as applicable. An applicant can apply for both the Test Papers (UIQP01 and UIQP02) by paying application fee as mentioned above. Applicants are advised to read Payment instructions carefully before paying the application fee. 	

Name of the Examination	CUCET 2021
Correction in the Particulars of Application Form online only	03 to 04 September, 2021
Downloading of Admit Card by the Candidate from NTA Website	To be announced later through website.
Mode of Examination	Computer Based Test (CBT)
Pattern of Examination	MCQ
Duration of Examination	120 minutes (02:00 hours)
Start Date of Examination Schedule	15, 16, 23 & 24 September, 2021
Timing of Examination (Two slots per day)	Shift 1- 10.00 AM to 12.00 Noon (IST) & Shift-2- 03.00 PM to 05.00 PM (IST)
Examination Centre	As mentioned on the Admit Card
Display of Recorded Responses and Provisional Answer Keys on the Website for inviting challenge(s) from interested Candidates	To be announced after the exam through website.
Declaration of Result on NTA Website	To be announced after the exam through website.
Website	https://cucet.nta.nic.in/ , www.nta.ac.in

HOW TO APPLY AND PAYMENT DETAILS

Since the Central University of Gujarat is offering admissions to its various programmes through CUCET-2021 platform, all the relevant information regarding the application process, payment details, admit card for the entrance examinations may be obtained from <https://cucet.nta.nic.in/> or www.nta.ac.in or visit our admissions 2021-22 page at <https://www.cug.ac.in/admission.php>

Admission Process in CUG

After the declaration of the CUCET 2021 results, CUG will conduct counselling of the candidates who have applied to various undergraduate (UG), postgraduate (PG) programmes of the University. In this regard, the Central University of Gujarat (CUG) will notify the counselling dates after the CUCET 2021 results declaration. Counselling registration process will be conducted for the admission in Central University of Gujarat by opting the courses in particular programme by online or offline mode. All the information related to counselling process will be uploaded on the University website. After the last date of such registration, the merit list of UG, PG programmes in the different schools/centres will be declared. The selected candidates can secure their admission to the UG and PG programme by paying programme's fee through online mode, their choice according to the merit list. If any student fails to secure the admission before the last date, his/her seat may be offered to the next candidate from the waiting list. Detailed information about counselling will be notified on University website.

Important Instructions:

Candidates are advised to read the eligibility criteria carefully before filling up the application form. Candidates whose qualifying examination results are not declared at the time of admission will be given provisional admission and their admission automatically would stand cancelled if they fail to secure the required percentage of marks in their qualifying examination or fail in the said examination. The candidates selected will have to give an undertaking in the format given in the prospectus to this effect. The candidates admitted to any of the programmes and whose results are still awaited at the time of admission need to submit the marks card of the qualifying examination to the Admission Department as per the notification.

PROGRAMMES, ELIGIBILITY, INTAKE

UG ADMISSIONS 2021-22

Bachelor of Arts (B.A. Hons.)/ Five Years Integrated (B.A.-M.A.)				
School	Sr. No.	Programmes	Eligibility	Intake
School of Language, Literature and Culture Studies	1	German Studies B.A. (Hons.)	10+2 with 50% marks (5% relaxation for SC/ST & OBC Candidates)	33
	2	Chinese B.A. (Hons.)	10+2 in any stream	33
School of Social Sciences	3	5-Years Integrated/ Dual Degree B.A.-M.A. in Social Management	10+2 in any stream	33

PG ADMISSIONS 2021-22

Master of Arts (M.A.)				
School	Sr. No.	Programmes	Eligibility	Intake
School of Social Sciences	1.	M.A. in Economics	Bachelor's degree in any discipline	33
	2.	M.A. in Sociology	Bachelor's degree in any discipline	33
	3.	M.A. in Political Science	Bachelor's degree in any discipline	33
	4.	M.A. in Social Work	Bachelor's degree in any discipline	33
	5.	M.A. in Gandhian Thought and Peace Studies	Bachelor's degree in any discipline	13
	6.	M.A. in Gender Studies	Bachelor's degree in any discipline	13
School of International Studies	7.	M.A. in Politics and International Relations	Bachelor's degree in any discipline	33
School of Language, Literature and Culture Studies	8.	M.A. in Hindi	Bachelor's degree in any discipline	33
	9.	M.A. in English	Bachelor's degree in any discipline	33
	10.	M.A. in Gujarati	Graduate degree in any discipline with a reading, writing and speaking fluency in Gujarati language	33
	11.	M.A. in Chinese	B.A. in Chinese OR Graduation in any Discipline + Diploma/Advanced Diploma in Chinese OR Graduation in any Discipline + HSK 5	33
	12.	M.A. in German Studies	B.A. in German OR Graduation in any Discipline + Advanced Diploma / B2.2 level with 50% marks (5% relaxation for SC, ST & OBC candidates)	33
School of Education	13.	M.Ed.	(A) Candidate seeking admission to the M.Ed. programme should have obtained at least 50% marks or an equivalent grade in any one of the following programmes: (i) B.Ed. (ii) B.A. B.Ed./ B.Sc. B.Ed. (Integrated) (iii) B.El.Ed. (iv) D.El.Ed./D.Ed./P.T.C. (Two years full time programme recognized by NCTE) with an undergraduate/bachelor degree (with 50% marks in each)	33

			<p>Note: - Eligibility for the admission to the M.Ed. shall be applied as per Govt/ UGC/ NCTE/ University norms from time to time.</p> <p>(B) Reservation and relaxation for SC/ST/OBC/PWD and other applicable categories will be as per the rules of the GOI/Central University of Gujarat.</p> <p>(C) A candidate admitted to M. Ed. course will not take admission in any other regular full time/ part time/ distance mode course during the entire duration of the programme.</p>	
School of National Security Studies	14.	M.A. in Defence and Strategic Studies	Bachelor's degree in any discipline	33
School of Library and Information Science	15.	Master of Library and Information Science	Bachelor's degree in any discipline	33

Master of Science (M.Sc.)				
School	Sr. No.	Programmes	Eligibility	Intake
School of Applied Material Science	1.	M.Sc. in Industrial Chemistry	B.Sc. with industrial Chemistry/Applied Chemistry/B.Sc. with chemistry as one of the subject/B.Sc. in Chemistry (Hons.)	33
School of Chemical Sciences	2	M.Sc. in Chemical Sciences	Bachelor's Degree in Chemistry/Chemical Sciences/Industrial Chemistry	33
School of Life Sciences	3	M.Sc. in Life Sciences	Bachelor's degree in Biological Sciences or Allied Disciplines with Minimum 50% Marks (5% relaxation for reserved category candidates)	33
School of Environment and Sustainable Development	4	M.Sc. in Environmental Sciences	Bachelor's degree in any discipline of science	33
School of Nano Sciences	5	M.Sc. in Nanosciences	UG degree in Physics/ Chemistry/ Pharmaceutical Science /Nanoscience/Nanotechnology/ any area of Basic Sciences with 50% marks	33

			in aggregate (5% relaxation for SC, ST, OBC candidates)	
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Note: *The Category-wise breakup of seat reservation includes: Unreserved (50%) – 15 Seats; OBC (NCL) (27.5%) – 8 Seats; SC (15%) – 5 Seats; ST (7.5%) – 2 Seats; and EWS (10% up and above) – 03 Seats, and other supernumerary seats reserved as per Govt. of India Rules and Regulations and as amended from time to time.

PH.D. ADMISSION PROCESS

PhD Programme Admission schedule

Duration of Online registration and submission of Application Form for Ph.D. Programme		25 th August to 02 nd October 2021
Research Aptitude Test and Interview/ viva voce	At CUG Campus, Sector -29/30, Gandhinagar	
Dates of Test and Interview/viva voce	will be notified later	
Duration of Research Aptitude Test	01:00 hour	
Pattern of Research Aptitude Test	Total Marks 50 Marks 25 marks for short answer type questions/MCQ 25 marks for writing of research proposal	
Interview/Viva Voce	Total Marks 50	
The selection shall be based on the marks secured in the research aptitude test and performance in the interview. The merit list will be prepared accordingly.		

Note: Candidates are advised to kindly visit the admission webpage “Admission 2021-22” on CUG website regularly for day-to-day updates. The dates are subject to change in case of exigencies.

Ph.D. Seat Matrix

Name of Programme	Intake	SC	ST	OBC	Gen	EWS
Ph.D. in Social Management	2	1	1	–	–	–
Ph.D. in Studies in Science, Technology and Innovation Policy	5	1	–	2	2	–
Ph.D. in Economics	8	1	1	2	4	–
Ph.D. in Gandhian Thought and Peace Studies	9	1	–	2	5	1
Ph.D. in Hindi	5	1	–	1	2	1
Ph.D. in Gujarati	5	1	–	1	2	1
Ph.D. in English	4	1	–	1	1	1
Ph.D. in German Studies	3	1	–	–	2	–
Ph.D. in Comparative Literature	6	1	1	2	2	–
Ph.D. in Strategic Technologies and National Security	4	–	1	1	2	–
Ph.d. in Diaspora Studies	7	–	1	2	3	1
Ph.D. in Applied Chemistry	8	1	1	2	4	–
Ph.D. in Chemical Sciences	8	1	–	2	4	1
Ph.D. in Life Sciences	2	–	–	1	1	–
Ph.D. in Environment and Sustainable Development	12	2	1	3	5	1
Ph.D. in Nanosciences	1	–	–	–	1	–
Ph.D. in Education	6	1	–	2	3	–
Total	95	14	7	24	43	7

1. Number of seats for research programme are subject to change as per the availability of supervisor, specialization and facilities available in the University.

2. Central University of Gujarat reserves the right to drop any academic programme at any stage without citing any reason. The University also reserves the right to change the number of seats in the research programmes offered for admissions.
3. The University reserves the right to make any changes as and when necessary, with regard to CUG admission policy.

Ph.D. Faculty Wise Vacancy, Specialization and Eligibility Criteria for the AY 2021-22

Name of School/ Centre	Name of Programme	Intake	Faculty Wise Vacancy	Faculty Name	Faculty Specialization	Eligibility Criteria: Main Subject, Allied Subject of NET, JRF, SET/SLET, GATE or MPhil.
School of Social Sciences (CSSM)	Ph.D. in Social Management	2	1	Dr. Sudeep Basu	Refugee and diaspora studies, migration, marginalities and exclusion, law and society, sociology of knowledge and philosophical anthropology	NET/ JRF/ SLET/ GATE or M.Phil. in Social Work; Management, Sociology; Public Administration; Criminology; Gender Studies; Political Studies; Human Rights or in Any Social Sciences Subjects. M.Phil. in any discipline and Masters Degree (P.G.) in main or allied subjects as mentioned above.
			1	Dr. Litty Denis	Management, Accounting, Financial Inclusion, Women Empowerment, Corporate Social Responsibility, Sustainable Development	
School of Social Sciences (CSSTIP)	Ph.D. in Studies in Science, Technology and Innovation Policy	5	1	Dr Parvathi K lyer	Public Engagement with S&T, Sociology of Science and Technology and Regulation of S&T	NET/ JRF/ SLET/GATE or M.Phil. in any subject and Master Degree (P.G.) in any discipline.
			1	Dr Shiju Sam Varughese	Public engagement with science and technology, media and science communication, scientific expertise, science in popular culture, sociology of science and technology, and social history of knowledge.	
			2	Dr Kunal Sinha	Science, Technology and Development, Technology Futures Analysis, Intellectual Property Rights and development, Innovation and Socio-Economic Change, Sociology of Science and Technology, Health Innovation System, Science, Technology and	

					Foreign Policy, Science Diplomacy	
			1	Dr Hemant Kumar	Informal sector innovations, socio-technical transition, Science, Technology and Innovation Diplomacy, innovation systems, animal and STS studies	
School of Social Sciences (CSEP)	Ph.D. in Economics	8	2	Prof. Jaya Prakash Pradhan	Social economics, regional developments and international economics	NET/JRF/ SLET/ GATE or M.Phil. in Economics, or in any of the following allied subjects: Business Economics, Business Administration, Commerce, Statistics, or Mathematics and Master's Degree (P.G.) in main or allied subjects as mentioned above.
			2	Prof. Sarita Agrawal	Labour Economics, Economics of human resource development, Economics of Education, Institutional Economics.	
			1	Dr. Kshamanidhi Adabar	Convergence and Economic Growth, Regional Disparities and Development, Applied Econometrics, Human Development, Econometrics, Macroeconomics, Microeconomics, Economic Growth and Development, Quantitative Techniques/Statistics.	
			3	Dr. Sarala Dasari	Public Economics and Development Economics, Health economics, Economics of Education.	
School of Social Sciences (CGTPS)	Ph.D. in Gandhian Thought and Peace Studies	9	2	Dr. Dhananjay Rai	Political Theory/Thought, Gandhian Political Philosophy, Higher Education, Cultural Theory, Political Economy	NET/JRF/ SLET/ GATE or M.Phil. in Buddhist, Jaina, Gandhian and Peace Studies Political Science Philosophy History International and Area Studies Economics Human Rights and Duties and Master Degree (P.G.) in main or allied subjects mentioned above.
			3	Dr. Jagannatham Begari	Democracy, Indian Modern Thinkers, M.K. Gandhi and movements, Subaltern Theory, social inclusion and Political Economy of India	
			2	Dr. Beryl Anand	Peace and Conflict Studies, United Nations and Human Rights, Peace building and Conflict Resolution, Comparative Politics, Politics in West	

					Asia and North Africa, Conflicts in South Asia	
			2	Dr. Priya Ranjan Kumar	M.K. Gandhi, Peace & Conflict Studies, Security, Theories & Problems of International Relations, Environmental ethics, Foreign Policy and West Asia	
School of Language Literature and culture Studies (CHLL)	Ph.D. in Hindi	5	2	Prof. Sanjeev Dubey	Modern Hindi Fiction, Modern Hindi Poetry, Functional Hindi, Journalism and Media Studies	NET/JRF/ SLET/ GATE or Mphil. in Hindi and Master Degree (P.G.) in Hindi.
			1	Dr. Pramod Tiwari	Hindi Language, Bhojpuri Folk literature, Journalism, Education (Early Literacy), Modern Poetry.	
			2	Dr. Gajendra Meena	Sathottary Hindi Kavita, Adivasee Sahitya.	
School of Language Literature and culture Studies (CGLL)	Ph.D. in Gujarati	5	3	Dr. Rajesh Makwana	Literary Criticism, Marginal Literature, Folklore	NET/ JRF/ SLET/ GATE or M.Phil. in Gujarati and Master Degree (P.G.) in Gujarati
			2	Dr. Ajaysinh Chauhan	Postmodern Gujarati Literature, Travel Literature	
School of Language Literature and culture Studies (CES)	Ph.D. in English	4	2	Dr. Ishmeet Kaur	Literature from the Margins, Women Studies, Translation, and Sikh Studies	NET/ JRF/ SLET/ GATE or M.Phil. in English and Master Degree in English.
			2	Prof Atanu Bhattacharya	English Language Studies, Cultural Studies, Digital Technology Studies, Bengali Science Fiction.	
School of Language Literature and culture Studies (CGS)	Ph.D. in German Studies	3	3	Dr. Vinai Kumar Donthula	DaF, Linguistics and Translation Studies	NET/ JRF/ SLET/ GATE or M.Phil. in German Language and Master Degree (P.G.) in German Language.
School of Language	Ph.D. in Comparat	6	1	Dr Zakia Firdaus	North American Native fiction, Canadian Literature, Gender	NET, JRF, SLET, GATE or M.Phil. in Comparative Literature and English

Literature and culture Studies (CCLTS)	ive Literature				Studies, Post Colonial Literature, Indian Writing in English.	and Master's Degree (P.G.) in Main or allied subjects.
			3	Dr Niveditha K	Translation Studies and History of Print in Kerala.	
			2	Dr Zarna Maheshwari	Translation studies and practice, travel writing, colonial literature, public sphere	
School of National Security Studies (CST)	Ph.D. in Strategic Technologies and National Security	4	2	Dr. Shrish Kumar Tiwari	Cyber Law- Information Technology Act, Privacy law, Data Protection, Information Security, E-commerce	JRF/NET/SLET/SET or equivalent and M.Phil. in Defence and Strategic Studies, International Relations and Area Studies, Political Science and Law and Master's Degree (P.G.) in main or allied subjects as mentioned above.
			2	Dr. Sourabh Kumar	National Security, Science, Technology and National Security, Space Security	
Centre for Diaspora Studies	Ph.d. in Diaspora Studies	7	2	Prof.Atanu Mohapatra	1. Media and Diaspora 2. Diaspora and International Relations 3. Diaspora and Culture 4. Diaspora and Politics 5. Citizenship and Diaspora	NET/ JRF/ SLET/ GATE or MPhil in any subject and Master's Degree (P.G.) in any subject.
			1	Dr.Naresh Kumar	1. Migration and Diaspora 2. Demography 3. History 4. Socio-Culture and Economic aspects of Migration and Diaspora 5. Sociology 6. Geography 7. Social-Media 8. Politics and IR in Migration and Diaspora 9. Refugees	
			3	Dr.Chapparban Sajaudeen N.	1. Diaspora Literature 2. Literary Theory 3. Culture 4. Citizenship 5. Refugees Studies 6. Digital Diaspora 7. History of Migration 8. South Asian Studies	
			1	Dr. Rajneesh Kumar Gupta	1. International Relation and Diaspora 2. Diaspora and Security Dimension 3. Political and Governance Aspects including Citizenship 4. Historical Aspects 5. Economics and International Trade and Diaspora	

School of Applied Material Sciences	Ph.D. in Applied Chemistry	8	5	Prof. Prakash C. Jha	Computational Chemistry	NET/SLET/GATE/JRF or M.Phil. in Chemical Sciences, Industrial Chemistry, Material Sciences, Nano Sciences, Computational Science, Pharmaceutical Chemistry and Master Degree (P.G.) in main or allied subjects as mentioned above.
			2	Dr. Raju Chowhan	Total Synthesis/Asymmetric synthesis/Organic Chemistry/Cycloaddition reaction	
			1	Dr. Eeshwaraiah Begari	Synthesis of Medicinally active small molecules/Medicinal Chemistry/Development of Novel Methodologies Using Bismuth and Iron (III) salts	
School of Chemical Sciences	Ph.D. in Chemical Sciences	8	2	Prof. Man Singh	Thermodynamics of molecular interactions of structured liquid mixtures, nanoemulsion, and graphene structural modifications.	NET/ JRF/ SLET/ GATE or MPhil. In main Subject: Chemistry, Chemical Sciences, Allied subject: Material Sciences Industrial Chemistry, Applied Chemistry, Environmental Chemistry, Nanoscience & Technology and Master Degree (P.G.) in main or allied subjects as mentioned above.
			2	Dr. Dinesh Kumar	Bioactive metal-based macromolecular and Schiff base complexes, nanocatalysis, and development of nanosensors and nano adsorbents	
			2	Dr. Dhananjoy Mondal	Synthesis of bioactive natural products, organo-nanoconjugates, and peptidomimetics.	
			2	Dr. Lenin D. V.	Synthetic Organic Chemistry, Asymmetric synthesis, Organocatalytic reactions, Organometallic Chemistry, Green Chemistry, and Process chemistry. 1) Development of novel methodologies for the synthesis of carbocyclic, heterocyclic, biologically important molecules and natural products. 2) Stereoselective reactions for the synthesis of biologically important molecules and natural products. 3) Gram scale process development for	

					Active Pharmaceutical Ingredient (API) molecules.	
School of Life Sciences	Ph.D. in Life Sciences	2	1	Prof. Seema Rawat	Environmental Microbiology, Antimicrobial Resistance & Microbial Technology	NET/JRF/SLET/GATE/ M.Phil. in Life Sciences/Animal Science/Biotechnology/ Microbiology/Tissue engineering/Biomaterials/Biochemistry/Genetics/ Bioinformatics or any other related disciplines of Biological Sciences and Master Degree (P.G.) in main or allied subjects as mentioned above.
			1	Dr. Rajesh Vasita	Biomaterials based scaffolding and bone tissue engineering	
School of Environment and Sustainable Development	Ph.D. in Environment and Sustainable Development	12	2	Prof. Bhawana Pathak	Environmental Ecology/ Environmental Biotechnology/ Nanotechnology/ Climate Change	NET/JRF/SLET/GATE/ MPhil Environmental sciences Life Sciences Botany Zoology Biological sciences Biochemistry Biotechnology Microbiology Geology and master's degree (P.G.) in main or allied subjects as mentioned above.
			3	Prof. Hiranmai Yadav	Vermi Technology/ Organic Farming	
			3	Prof. Pallavi Sharma	Stress Biology of Plants, Environmental Molecular Biology, Environmental Biochemistry and Biotechnology, Phytoremediation	
			1	Dr. Rajesh Singh	Bio-electrochemical wastewater treatment	
			1	Dr. Paulami Sahu	Ground Water Pollution	
			2	Dr. Dheeraj Rathore	Ecology and Eco-Physiology	
School of Nano Sciences	Ph.D. in Nanosciences	1	1	Dr. Umesh Kumar	Development of biodegradable and biocompatible nano-carriers for agriculture and drug delivery.	NET/ JRF/ GATE/SLET/ MPhil: Nanoscience/Nanotechnology/Physics/Chemistry/Life Sciences/Biology/Biote

						chnology/Microbiology/ Biochemistry/Agricultur e or any related discipline and Master Degree (P.G.) in main or allied subjects as mentioned above.
School of Education	Ph.D. in Education	6	4	Prof. H. B. Patel	Educational Research, Educational Leadership, Administration & Management, Educational Evaluation & Measurement, ICT in Education, Women Education, Teacher Education, International & Comparative Education, Entrepreneurship Education, Teacher Education, Gender Education, Educational Policy Research	NET/SLET/SET/NET JRF/M.Phil. in Education and Master Degree in Education.
			2	Dr. G. R. Angadi	Educational Technology, ICT in Education, Science Education, Action Research in Education, Teacher Education	

Admission Process of Ph.D. Programme

- Central University of Gujarat invites applications for admission to the Ph.D. programmes for the Academic Year 2021-22 from the candidates who have qualified UGC-NET (including JRF)/UGC-CSIR NET (Including JRF)/SLET/GATE/Teacher fellowship holder or have passed M.Phil. programme as per Regulation 2009 or Regulation 2016. Above mentioned candidates can apply for admission using this link https://www.cug.ac.in/phd_admission.php
- Candidates for admission to the Ph.D. programme shall have a Master's degree with 55% marks in aggregate or its equivalent grade B in the UGC 7- points scale as per UGC Regulations 2016 (A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade in Master's degree may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/differently-abled and other categories of candidates) as per Govt. of India norms. It is the applicant's responsibility to ensure that s/he fulfils the eligibility criteria for a particular programme where s/he is an applicant.
- Applicants are advised to read the instructions and guidelines carefully before filling and submitting the online form as no correspondence regarding change of details will be entertained once online form is submitted.
- Programme wise Intake/Faculty wise specialization is available on the website.
- The procedure of submission of the application form should be completed online only, applications sent by any other mode shall be rejected.

6. Applicants are required to provide all the mandatory information [Marked with * (asterisk) sign] in the application form. Incomplete applications or applications submitted without proper photograph, signature, or supporting documents shall be rejected based on the lack of information. Therefore, applicants should ensure that the Application Status of the Application Form is “Submitted Successfully”.
7. The University holds the right to cancel the application and admission of any candidate for wrongful submission of facts pertaining to qualification, reservation and/or any other matters
8. **Application Fees:**

Sr. No.	Category	Application Fee
1	General/OBC (NCL)/EWS	1000/-
2	SC/ST/Transgender	500/-
3	Person with Disability (PwD)	Not Applicable
Note: All eligible candidates will be required to pay a Non-Refundable application fee , plus transaction charges and taxes as applicable with the application form online.		

The candidates can apply for three (03) Ph.D. Programmes as per eligibility by paying application fee as mentioned above.

9. The applications submitted on or before the closing date September 25, 2021 by 11:50 PM shall be accepted.
10. The University shall not be responsible for technical glitch or delay, if any, in submission of form or payment of application fee. Duly completed application form with prescribed application fee must be submitted online within the stipulated date and time. In order to ensure that form is submitted online, and the fee is transferred to the University account, **please apply** well in advance before the last date.
11. Students having query/issue, if any, regarding their eligibility / fee payment, must submit the same to the given email id cug_entrance@cug.ac.in within stipulated date and time.
12. Candidates are advised to take a print of final submission page by clicking on the “Print” option for their future reference.
13. Please keep track of the University website www.cug.ac.in regularly. **No separate information will be given to individual applicants.**
14. Even if the applicant has applied for the programme, it is not guaranteed that the admission is given to her/him.
15. Number of seats for research programme are subject to change as per the availability of supervisor, specialization and facilities available in the University.
16. Central University of Gujarat reserves the right to drop any academic programme at any stage without citing any reason. The University also reserves the right to change the number of seats in the research programmes offered for admissions.
17. The University reserves the right to make any changes as and when necessary, with regard to CUG admission policy.

GUIDELINES TO FILL ONLINE APPLICATION FORM FOR PH.D. PROGRAMMES

PREREQUISITE TO APPLY ONLINE

1. Candidates are advised to go through the Eligibility Criteria carefully before filling up the application form.

2. Valid E-mail ID for registration and for receiving all future correspondence till the admission process is over and subsequently, if qualified.
3. Valid Mobile Number to receive SMS based communications related to the online application, admit card etc. till the admission process is over and subsequently, if qualified.
4. Access to an online payment facility/service such as Net Banking, Credit card, ATM-cum-Debit card etc.
5. A recent scanned passport sized colour photograph of candidate (the digital size of the file should be between 20 KB - 50 KB).
6. Scanned signature of Candidate using Blue/Black pen on white sheet (the digital size of the file should be between 10 KB - 20 KB).
7. Scanned copies of documents related to Candidate's Age, Category, Education Qualification, etc. in PDF format (the digital size of the PDF file should be between 50 - 150 KB).

STEPS TO BE FOLLOWED FOR FILLING THE ONLINE APPLICATION

The entire process of filling online Application form can be completed in below mentioned steps:

1. Online submission of application can only be made at Central University of Gujarat's website www.cug.ac.in.
2. Detailed instructions are available on the University Website.
3. Candidates should read the instructions carefully before making any entry or selecting options.
4. Candidates should furnish all the required details while filling up the online form, mandatory fields are marked with *(asterisk) sign.
5. Online Application Form is available in English, and it can only be filled in English Language.
6. The filling of online application contains two parts.
 - (a) **Part - I: Registration** - Candidates must register a fresh by clicking "NEW REGISTRATION". Enter the basic information and press "Signup" button to register. The Username and Password will be sent via email. Candidates can login using the same Username and Password received in email.
 - (b) **Part - II: Application Form.**
 - (i) **Select the programme Name:** Candidate need to select the programme he/she wants to apply for.
 - (ii) **Personal Information Page:** Candidates must fill in the personal details with *(asterisk) sign.
 - (iii) **Basic Qualification:** Candidates must fill in the required basic qualification(s) with *(asterisk) sign. Candidate can delete the details by clicking on "Delete" followed by refreshing the page.
 - (iv) **Other Qualification:** Candidates must fill in the required other qualification(s) with *(asterisk) sign and upload the relevant document(s) in the prescribed format only, if applicable. Candidate can delete the details by clicking on "Delete" followed by refreshing the page.

- (v) **Upload Photo & Signature:** Upload a recent scanned passport sized color photograph of candidate (the digital size of the file should be between 20 KB - 50 KB). And upload scanned signature of Candidate using Blue/Black pen on white sheet (the digital size of the file should be between 10 KB - 20 KB).
- (vi) **Final Submission:** Under the final submission page candidate can view and read the information he/she filled, if the candidate wants to edit any information, he/she may do at this stage. Once the candidate selects “I Agree” and “Final Submission” button his/her application will be finalized and submitted, no changes will be allowed at later stage and no inquiries will be entertained after the final submission.
- (vii) **Payment of Fees:** Candidates must pay the fees if applicable, through online mode only such as Net Banking, Credit card, ATM-cum-Debit card etc. No other mode of payment of fees is allowed.
- (viii) **Print Application:** Candidates can print and save the filled Application Form.

RESERVATION

The Central University of Gujarat strictly follows the Government of India policies regarding reservations in admissions and as amended from time to time.

FEE STRUCTURE FOR VARIOUS PROGRAMMES OF STUDIES

Sr. No.	Particular	B.A.	M.A/ M.Lib. I.Sc.	M.Sc.	Ph.D.** (For Non - Science)	Ph.D.** (For Science Student)	P.G. Diploma	M.A. in Social Work	M.Ed.
1	Tuition Fee (Per Semester)	600	600	1000	2500	3000	1000	2000	2000
2	Sports Fee (Annual)	250	250	250	250	250	250	250	250
3	Literary & Cultural Fee (Annual)	250	250	250	250	250	250	250	250
4	Library Fee (Annual)	150	150	150	150	150	150	150	150
5	Medical & Student Insurance (Annual)	300	300	300	300	300	300	300	300
6	Student Welfare Fund (Annual)	150	150	150	150	150	150	150	150
7	Admission Fee	600	600	600	600	600	600	600	600
8	Registration Fee (Per Semester)	250	250	250	250	250	250	250	250
9	Enrolment Fee	250	250	250	250	250	250	250	250
10	Caution Money (Refundable)	600	600	600	600	600	600	600	600
11	Identity Card (Annual)	100	100	100	100	100	100	100	100
12	Library Security Deposit (Refundable)	1000	1000	1000	1000	1000	1000	1000	1000
13	Laboratory Fees (For Science Students) (Annual)	--	--	1000	--	1500	--	--	--
14	Examination Fee (Per Semester)	300	500	500	500*	500*	500	500	500
15	Digital Library Fee (Per Semester)	300	300	300	300	300	300	300	250
16	Annual Day (Annual)	100	100	100	100	100	100	100	100
	Total	5200/-	5400/-	6800/-	7300/-	9300/-	5800/-	6800/-	6750/-

* Only for first two semesters.

**At the time of thesis submission Rs. 6000/- to be paid.

Note:

1. Admission fee, Enrolment fee, General Security Deposit and library security deposit are payable at the time of enrolment in the University.
2. Examination fee for Ph.D. programme shall be payable only for first two semesters.
3. The fees structure is subject to change as per decisions of the University from time to time.

UNDERTAKINGS TO BE SIGNED BY THE STUDENTS AT THE TIME OF ADMISSION

d. UNDERTAKING TO BE SUBMITTED AT THE TIME OF ADMISSION RELATED TO RAGGING

I, Mr. /Ms., Roll No:
 Programme:.....Dept. Student of
 Central University of Gujarat, Gandhinagar do hereby undertake on this day
 of _____2021, the following:

1. I declare that I shall abide by the admission rules and regulations of Central University of Gujarat, Gandhinagar and follow the code of conduct for students. I acknowledge that the University has the power to take disciplinary action on me for non-compliance of the same.
2. That I have read and understood the directives of the Hon'ble Supreme Court of India on anti-ragging and UGC regulations on curbing the menace of ragging in higher educational institutions, 2009.
3. That I understand the meaning of Ragging and know that ragging in any form is a punishable offence and the same is banned by the Court of Law. I understand that, in case I am involved in ragging, the case will be reported to the police and the law will take its own course and I will be summarily expelled from the University, if found guilty.
4. That I have not been found or charged for my involvement in any kind of ragging in the past. However, I undertake to face disciplinary action/legal proceedings including expulsion from the University if the above statement is found to be untrue or the facts are concealed and are established at any stage in future.
5. That I shall not resort to ragging in any form at any place and shall abide by the rules/laws prescribed by the Courts, Government of India and the University authorities for the purpose from time to time.
6. The University has a No Tolerance Policy for Ragging by the students, whether inside or outside the premises of the University. Should any incident of Ragging be brought to the attention of any competent authorities, the University will verify the authenticity of the case and if any individual(s) are found guilty, they would be immediately terminated from their programme and the University forms.

I have read the above Policy of the University and agree to abide by the same.

Signature of the Student

I hereby fully endorse the undertaking made by my son/ daughter /ward.

Date:

Signature of Mother / Father / Guardian

b. DECLARATION/UNDERTAKING FROM THE STUDENT ON QUALIFICATION AND CODE OF CONDUCT

I, Mr. /Ms., Roll. No.:,
Programme:, Dept., student of Central University
of Gujarat, Gandhinagar, do hereby undertake on this the.....(day),
of.....(month),..... (year), the following :-

1. I hereby declare that the entries made by me in the Application Form are complete and true to the best of my knowledge and belief.
2. I hereby undertake to present the original documents immediately upon demand by the concerned authorities of the University.
3. I further declare that my admission may be cancelled at any stage, if I am found ineligible and/or the information provided by me is found to be incorrect.
4. I hereby promise to abide by the admission rules and regulations, concerning discipline, attendance, etc. of the University, and also to follow the Code of Conduct prescribed for the Students of the University, as in force from time to time and subsequent changes/ modifications/ amendment made thereto. I acknowledge that the University has the authority for taking punitive actions against me for violation and/or non-compliance of the same.
5. I understand that 75% attendance in each class is compulsory, and I commit myself to adhere to the same. I also understand, in case my attendance falls short for any reason, the competent authority of the University may take such punitive action against me, as may be deemed fit and proper.
6. I hereby declare that I will neither join in any coercive agitation/strike for the purpose of forcing the authorities of the University to solve any problem, nor will I participate in any activity which has tendency to disturb the peace and tranquillity of life on the University campus and/or the Hostel premises.
7. I understand that as per rules and regulations of the University, I will not be permitted to possess or use any motorized vehicle inside the University campus, unless I am permitted to do so by a written prior authorisation from the Dean (Students' Welfare).
8. I hereby declare that I shall be solely responsible for my involvement in any kind of undesirable /undisciplined activities outside the campus, and shall be liable for punishment as per the law of the land. I further understand that, the University shall in no way provide any support to me and will not be held responsible for my any such action.
9. I hereby undertake to inform the University, about any changes in information submitted by me, in the Application Form and any other documents, including change in addresses and phone numbers from time to time.

Signature of the Student

I will endeavour to induce my son/ daughter /ward to do his/her best to observe the above undertaking in words and spirit.

Date:

Signature of Mother/ Father/ Guardian

c. DECLARATION FROM THE STUDENT ON PHYSICAL FITNESS

I, Mr./Ms., Roll. No.....,
Programme:....., Dept., student of Central University
of Gujarat, Gandhinagar do hereby undertake on this the.....(day), of.....(month),
..... (year), the following :-

1. I declare that I am not suffering from any serious/contagious ailment including psychology related symptoms.
2. I also understand that the declaration on physical fitness submitted by me is correct.
3. I also understand that I shall take care of my health and the ups and downs in my health are my own responsibility.

Signature of the Student

I hereby fully endorse the undertaking made by my son/ daughter /ward.

Date:**Signature of Mother/ Father/ Guardian**

**d. CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD
CLASSES APPLYING FOR ADMISSION TO CENTRAL EDUCATIONAL
INSTITUTIONS (CEIs) UNDER THE GOVERNMENT OF INDIA**

This is to certify that

Shri/Smt./Kum. _____ Son/Daughter of Shri/Smt. _____ of _____

Village/Town _____ District/Division _____ in the _____ State belongs to the _____ Community which is recognized as a backward class under*:

- i. Resolution No. 12011/68/93-BCC(C) dated 10/09/93 published in the Gazette of India Extraordinary Part I Section I No. 186 dated 13/09/93.
- ii. Resolution No. 12011/9/94-BCC dated 19/10/94 published in the Gazette of India Extraordinary Part I Section I No. 163 dated 20/10/94.
- iii. Resolution No. 12011/7/95-BCC dated 24/05/95 published in the Gazette of India Extraordinary Part I Section I No. 88 dated 25/05/95.
- iv. Resolution No. 12011/96/94-BCC dated 9/03/96.
- v. Resolution No. 12011/44/96-BCC dated 6/12/96 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 11/12/96.
- vi. Resolution No. 12011/13/97-BCC dated 03/12/97.
- vii. Resolution No. 12011/99/94-BCC dated 11/12/97.
- viii. Resolution No. 12011/68/98-BCC dated 27/10/99.
- ix. Resolution No. 12011/88/98-BCC dated 6/12/99 published in the Gazette of India Extraordinary Part I Section I No. 270 dated 06/12/99.
- x. Resolution No. 12011/36/99-BCC dated 04/04/2000 published in the Gazette of India Extraordinary Part I Section I No. 71 dated 04/04/2000.
- xi. Resolution No. 12011/44/99-BCC dated 21/09/2000 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 21/09/2000.
- xii. Resolution No. 12015/9/2000-BCC dated 06/09/2001.
- xiii. Resolution No. 12011/1/2001-BCC dated 19/06/2003.
- xiv. Resolution No. 12011/4/2002-BCC dated 13/01/2004.
- xv. Resolution No. 12011/9/2004-BCC dated 16/01/2006 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 16/01/2006.
- xvi. Resolution No. 12011/14/2004-BCC dated 12/03/2007 published in the Gazette of India Extraordinary Part I Section I No. 67 dated 12/03/2007.
- xvii. Resolution No. 12015/2/2007-BCC dated 18/08/2010.
- xviii. Resolution No. 12015/13/2010-BCC dated 08/12/2011.

(* tick mark whichever is applicable)

Shri/Smt./Kum. _____ and / or his family
ordinarily reside(s) in the _____ District / Division of
_____ State.

This is also to certify that he/she does not belong to the persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the Government of India, Department of Personnel & Training O.M. No. 36012/22/93-Estt.(SCT) dated 08/09/93 which is modified vide OM No. 36033/3/2004 Estt. (Res.) dated 09/03/2004 and further modified vide OM No. 36033/3/2004-Estt. (Res.) dated 14/10/2008 or the latest notification of the Government of India.

Date:

District Magistrate / Deputy Commissioner/
Competent Authority

Seal

NOTE:

- a) The term "Ordinarily" used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.
- b) The authorities competent to issue Caste Certificates are indicated below:
 - i. District Magistrate / Additional Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / Ist Class Stipendiary Magistrate / Sub-Divisional magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of Ist Class Stipendiary Magistrate).
 - ii. Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
 - iii. Revenue Officer not below the rank of Tehsildar" and
 - iv. Sub-Divisional Officer of the area where the candidate and / or his family resides.

e. DECLARATION / UNDERTAKING FOR OBC (Non-creamy Layer) CANDIDATES

I, _____ son / daughter of
 Shri _____ resident of village/town/city
 _____ district _____ State _____ hereby
 declare that I belong to the _____ community which is recognised as a backward
 class by the Government of India for the purpose of reservation in services as per orders contained
 in Department of Personnel and Training Office Memorandum No.36012/22/93- Estt. (SCT), dated
 8/9/1993. It is also declared that I do not belong to persons/sections (Creamy Layer) mentioned
 in Column 3 of the Schedule to the above referred Office Memorandum, dated 8/9/1993, which is
 modified vide Department of Personnel and Training Office Memorandum No.36033/3/2004
 Estt.(Res.) dated 9/3/2004 and further modified vide OM No 36033/3/2004-Estt. (Res.) dated
 14/10/2008 or the latest notification of the Government of India.

I also declare that the condition of status/annual income for „Creamy Layer“ of my parents is within
 prescribed limits as on financial year ending on March 31, 2018.

Signature of the Candidate

Place:

Date:

Declaration / undertaking not signed by Candidate will be rejected.

NOTE:

“The admission is provisional and is subject to the community certificate being verified through the
 proper channels. If the verification reveals that the claim of the candidate to belong to Other
 Backward Classes or not to belong to the creamy layer is false, his/her admission will be terminated
 forthwith without assigning any further reasons and without prejudice to such further action as may
 be taken under the provisions of the Indian Penal Code for production of false certificates.”

DISCLAIMER

- a. The information provided in the prospectus is liable to change at the discretion of the University.
- b. The prospectus is meant for disseminating information found to be true to the best of University's knowledge and may not be used as a legal document.
- c. The University reserves the right to make any changes as and when necessary, with regards to CUG admission policy.