

# Annual Report 2014-15



गुजरात केन्द्रीय विश्वविद्यालय

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

**CENTRAL UNIVERSITY OF GUJARAT**

(Established by an Act of Parliament of India, No 25 of 2009)

# CONTENTS

<b>CHANCELLOR'S Message</b> .....	7
<b>FROM THE VICE CHANCELLOR'S DESK</b> .....	8
<b>About Central University of Gujarat</b> .....	11
<b>School of Social Sciences</b> .....	13
<b>Centre for Studies in Social Management (CSSM)</b> .....	14
Publications.....	15
List of Speakers invited .....	16
Research projects undertaken by the Centre/ Individual Faculty members. ....	16
Conference participation/ Presentations/ Invited Lectures etc. by Faculty Members and Students	16
Co-curricular activities .....	17
<b>Centre for Studies in Science Technology and Innovation Policy (CSSTIP)</b> .....	18
Publications.....	19
Events of the Centre .....	21
Conference Participation/ Presentations/ Invited Lectures etc. ....	21
Awards/ Honours/ Distinctions.....	24
<b>Centre for Studies in Society and Development (CSSD)</b> .....	24
Publications.....	25
Conference Participation/ Presentations/ Invited Lectures etc. ....	28
Awards/ Honours/ Distinctions/Fellowships .....	30
<b>Centre for Studies in Economics and Planning (CSEP)</b> .....	30
Publications.....	32
Conference Participation/ Presentations/ Invited Lectures .....	35
Invited Lectures.....	39
Research Projects.....	40
Training Programmes/Orientation Programmes Participated/Attended.....	40
Other Academic Achievements/Activities .....	41
<b>Centre for Gandhian Thought and Peace Studies (CGTPS)</b> .....	42
Publications.....	43
Events of the Centre/Special Centre/School related to Conferences/ Workshops etc. organised by the Centre.....	46
Distinguished Lectures .....	47

<b>School of Language, Literature &amp; Culture Studies</b> .....	50
<b>Centre for German Studies (CGS)</b> .....	51
Publications.....	52
<b>Centre for Chinese Language and Culture (CCLC)</b> .....	52
Distinguished Lecture.....	53
<b>Centre for English Studies (CES)</b> .....	54
Faculty Publications .....	55
Conference Participation/ Presentations/ Invited Lectures .....	56
Invited Speakers.....	58
Co-curricular activities .....	58
<b>Centre for Comparative Literature and Translation Studies (CCLTS)</b> .....	58
Publications.....	60
Conference Participation and Paper Presentation: .....	60
Other Activities .....	61
<b>Centre for Hindi Language and Literature (CHLL)</b> .....	62
Publications.....	63
Conference/Workshop/Invited Lectures Participation.....	64
Conference Participation .....	65
Invited Lectures in Refresher Courses .....	65
Popular Articles.....	66
Other Academic Activities.....	66
Students' Academic Acievements.....	66
Conferences Organised.....	69
हिन्दी भाषा एवं साहित्य केन्द्र द्वारा आमंत्रित अतिथि व्याख्यानों का विवरण .....	73
<b>Centre for Study of Diaspora</b> .....	74
Faculty Publications .....	75
Other Academic Activities.....	76
Invited/ Distinguished lectures.....	77
Outreach Activities.....	78
Students' Academic Achievements.....	78
Publication of Students.....	80
<b>School of International Studies</b> .....	81

<b>Centre for International Politics</b> .....	82
Academic Achievements .....	83
Conference Participation .....	84
Invited Lectures.....	84
Research projects undertaken by the Centre/ Individual faculty members.....	84
Students' Academic Activities .....	84
Events.....	86
List of Speakers invited .....	86
<b>Centre for Security Studies</b> .....	88
Academic Achievements.....	89
Faculty.....	89
Students Conferences .....	90
List of Speakers invited, Title of talk, and date .....	91
Seminar / Conference organised by Centre.....	91
Publications.....	95
Events of the Centre/Special Centre/School related to Conferences/ Workshops.....	96
Research projects undertaken by the Centre/Individual Faculty members .....	97
Conference Participation/ Presentations/ Invited Lectures etc. by Faculty Members and students.....	97
Awards/ Honours/ Distinctions.....	100
List of Speakers invited, title of their talk, date(s), with photographs .....	100
Student's Publication .....	100
Conference Participation/ Presentations/ Invited Lectures etc. by students.....	101
Awards/ Honours/ Distinctions.....	103
Co-curricular activities (Outreach and Extension, Socially relevant activities, any others).....	104
<b>School of Chemical Sciences</b>	
<b>Centre for Applied Chemistry</b> .....	106
<b>Centre for Studies in Chemistry</b> .....	107
Faculty Achievements .....	108
Other achievements.....	109
Seminars/ conferences/ symposiums/ workshops.....	112
Student Achievements.....	113
Awards .....	114

Training programme Participation:.....	115
<b>School of Environmental Sciences and Sustainable Development</b>	
Academic achievements of the faculty.....	117
Invited Lectures.....	119
Participation in Conferences and Seminars .....	120
Events of the School related to Conferences/ Workshops.....	121
National Symposium on Advances in Environment Sciences (27th Feb 2015).....	121
Student Achievements.....	125
Outreach Activity .....	127
<b>Special Centres</b>	
<b>Centre for Library and Information Science</b> Faculty Publications .....	129
Invited Lectures.....	129
Participation in Conferences and Seminars .....	130
<b>Centre for Nano Science</b>	
Objectives of the Centre: .....	131
Faculty Profile: .....	131
<b>University Profile</b>	
<b>SCHOOLS AND CENTRES AT THE UNIVERSITY</b> .....	132
<b>STUDENT PROFILE</b> .....	135
Nation-wide Representation of Students .....	135
CUG Students by Social Groups and Gender: 2014-15 .....	136
<b>STAFF PROFILE</b> .....	137
Distribution of Faculty Members Cadre-wise .....	137
Gender Distribution of Faculty Members .....	137
<b>Academic Highlights of 2014-15</b> .....	138
<b>SPORTS, CULTURE AND EXTRA-CURRICULAR ACTIVITIES</b> .....	140
Annual Sports.....	141
Annual Day Celebration .....	142
हिन्दी सप्ताह रिपोर्ट .....	143
Remedial Coaching Cell for SC/ST/OBC and Minority Community.....	144
<b>Equal Opportunities and Inclusive Policies</b> .....	146
<b>University Facilities</b> .....	148

University Campus, Sectors 29 and 30.....	148
Central Library.....	148
Central Instrumentation Facility .....	150
Instrumentation Facilities at Schools.....	151
Green House Facility .....	151
<b>ANNUAL BUDGET AT A GLANCE.....</b>	<b>152</b>
<b>MoUs.....</b>	<b>153</b>
<b>The Court of the University.....</b>	<b>154</b>
<b>The Second Executive Council of the University .....</b>	<b>157</b>
<b>The Second Academic Council of the University.....</b>	<b>159</b>
<b>The Finance Committee of the University.....</b>	<b>162</b>
<b>CUG Administration .....</b>	<b>163</b>
<b>Faculty at the University .....</b>	<b>164</b>
<b>Research Scholars Awarded Research Degree: 2014-15.....</b>	<b>167</b>
<b>FUTURE PLANS.....</b>	<b>177</b>
<b>The Year in Photographs .....</b>	<b>178</b>

## Chancellor's Message

**Prof. Y.K. Alagh**  
**Hon'ble Chancellor**



I am extremely pleased to note that Central University of Gujarat has grown rapidly in 2014-15, as is evident from its Annual Report that will be placed before the Parliament. As the University enters its seventh year, it has to take stock of its achievements and gains, and also plan for its future. The report shows that the University has learnt from its past, has planned for the present, and prepared a road-map for the future with greater attention to details.

I have been associated with Central University of Gujarat in the capacity of the Chancellor for the last four years. I am impressed by the care with which the University has developed well-equipped laboratories with some of the most advanced, state-of-the-art equipment that will help researchers and students learn and to compete with the best in the field, and also a well-stocked library which caters to the needs of the scholars in Humanities, Social Sciences and the Natural Sciences. I am also happy to note that the University in the last one year has opened up facilities in a new campus and thus extended its scope for further expansion.

I am happy that the University has factored in the requirements of human resources at the national and regional levels by strengthening existing academic programmes. The University now has a Placement Cell, a University-Industry Interface Cell, and a number of MoUs in place that will go a long way in meeting the rising demand for skilled human power in Gujarat and other parts of the country, as well as, creating an interface between the academic programmes in the University and the larger demands of the social workforce. I understand that more of such programmes are on the anvil for the next five year plan.

Higher education in India requires a sage balance between a skilled workforce and humane ethos. It has a crucial role to play in creating a society committed to the values of rational enquiry, respect for the other and distributive justice. This can only be achieved if Central Universities and similar institutions of higher learning set the tone for the country. I am happy to see that the Central University of Gujarat is on the right path to setting this tone.

I wish Central University of Gujarat all the very best in its efforts to realize the vision of integrating modern scientific and technological knowledge with basic human ethos and values.

**Prof. Y.K. Alagh**

## FROM THE VICE CHANCELLOR'S DESK

**Prof. S.A. Bari**  
**Hon'ble Vice-Chancellor**



I took over as the second Vice Chancellor of this nascent University, driven by a sense of “calling” and when I eventually took over charge, soon I realized that it calls for a sense of “mission” to do justice to this sense of calling. I believe that a university is as distinguished and as accomplished as its faculty, as promising and as potential as its students, as capable and as effective as its administration and as productive and as ambient as its infrastructure. To augment all these ingredients in an optimum mix, so as to hoist this novice of a university into a mature and promising seat of intense learning and research is what I feel should be our prime concern and a mission we need to embark upon as we enter the seventh year of its existence.

Having been in office for over a year, I have come to realise that there is no point nor any purpose or meaning in harping upon lack of space, physical infrastructure, and paucity of human resources which I inherited, but we need to make most of the meagre to keep as growing and going strong, though the vision of a world class campus for CUG, with academic ambience comparable with the best in the business cannot be lost sight of or sacrificed.

The university has several achievements to its credit to take pride in and several concerns and limitations to overcome. The state of art research facilities provided in a transit and temporary campus, several advanced and innovative courses being offered with meagre human resources, numerous ambitious projects and several prestigious collaborations entered and agreed upon in limited academic space could indicate to how potential and promising is the University given the right kind of support and attention.

The year gone by has been quite enrichingly eventful and as such gratifying as well. Transplanting half of the Schools and Centres from sector-30 Campus to a more spacious Sector 29 campus has eased the academic congestion and added to much sought after ambience. Beset with uncertainties and delays in allocation of land the university is constrained to take up constructions of additional physical space to house the academic amenities and ICT facilities for students and faculty. Digital library, language lab, browsing centre, cyber lab, virtual learning resource centre and smart classes are in the offing. Committed to the ideal and obligation of taking campus to the community and putting scholarship available with it to address the issues and concerns of people and thereby bring about positive social transformation in the community around, the university has taken up village adoption programme under Unnat Bharat Abhiyan,

School adoption programme, Eco village project and an innovative B.Voc program in Rational Drug Design adding conspicuously to its extension profile.

University during the year under report has been a host to several academic events. National and International Conferences, Seminars, Workshops in various disciplines were organised. The CBCS workshop under the aegis of UGC for universities in the States of Gujarat and Odisha, attended by Vice Chancellors and senior academic administrators could be just one such instance to quote. On-line entrance test for admissions was another resounding success. The publication profile, research output and research funding generated by faculty has been perceptibly impressive. MOUs for national and international academic linkages and exposure have been the mainstay, some of them in the presence of our Hon'ble Visitor, His Excellency the President of India, enhancing the repute and image the university in the scientific community within and across the nation. The state of art science and research infrastructure we have is one of very few of its kind which is yet to be put to optimal use and harnessed owing to paucity of faculty and technical staff and hence putting them in place is one of my prime priorities and efforts are on in this direction. Library, which is the heart and soul of any university, needs to be further strengthened by adding virtual learning resources through digital library and cyberspace. Infrastructure to house these facilities have been devised and are taking shape. In the next annual report I am sure to mention about its having been commissioned. Work orders have been issued for further strengthening of Wi-Fi connectivity in both the campuses that could ease the pressure for space at learning recourses centres, which has been a persistent demand from the students that we need to fulfil. In tune with "Digital India" initiative, the University has commissioned an ambitious project for digitisation of administrative proceedings and academic output including faculty publications for on-line access and creation of digital archives. However, notwithstanding all our achievements, we still strongly believe that pursuit of excellence is never ending one and perfection is only an ever eluding standard because, excellence can always be exceeded and perfection can be further perfected.

Our prime focus and concern are our students, who have joined our university with hope and expectations of making a career and it is our academic and moral obligation to see that they leave this university as empowered, enabled, and ennobled youth endowed with knowledge, skill, aptitude and values, that would render them competent and confident of facing and shaping the future of self and nation and thereby prove themselves valuable social and national assets and prove the University a scientific and academic enterprise.

In our quest for excellence and perfection we are "powered by intellect driven by values" and inspired by our Hon'ble Visitor, who takes keen and personal interest in all our endeavours. Hence, I can't help feeling deeply indebted to his Excellency, the President of India and also to host of well-wishers prominent among whom is our beloved Chancellor Prof. Y.K. Alagh. I am pleased to place on record my sincere gratitude toward Minister of HRD and her ministry as a whole for the confidence reposed and instilled in us and toward UGC for constant encouragement as well as for conceding to be considerate in its support owing to which we could grow beyond our resources and constraints. I am equally obliged to place on record a deep sense of gratitude

and appreciation toward our faculty and non-faculty staff for serving beyond their calling and capabilities to make good for the paucity of their kind without a sign of fatigue when it comes to serving the cause of university. I admire my students for putting up with the inevitable shortcomings and inconveniences with a smile on their face always. “Never say no” attitude and “never give up” work culture of my Controller of Examinations, Finance Officer and Registrar to ensure that I always feel stood by in the hour of need and it is this milieu that gives me an inescapable feeling of being head of a family in which everyone is striving to hoist the university on an ever higher academic pedestal fostering in me a sense of gratification that naturally follows an year of accomplishment in office though, I reiterate, pursuit of excellence is never ending one as we raise the bar or benchmark after each year of accomplishment.

**Prof. S.A. Bari**  
**Vice-Chancellor**

## **About Central University of Gujarat**

Established by the Parliament of India through the Central Universities Act (2009), the Central University of Gujarat (CUG) considers its objectives to be the dissemination and advancement of knowledge. The University is committed to making special provisions for integrated courses, to educating and training human resource for the country's development, to initiating appropriate measures for promoting innovation in teaching and learning, and to paying special attention to the improvement of the social and economic conditions and welfare of the people, especially their intellectual, academic and cultural development.

### **Motto**

Providing a global platform for knowledge and employability to our students along with society and industry interface.

### **Vision**

The vision of CUG is to establish itself as a centre of excellence with social commitment and to integrate modern, scientific and technological knowledge and skills with basic human ethos and values. The University shall set a model for teaching, research and personality development and create human resource with a sense of responsiveness.

### **Mission**

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

### **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 the teaching-learning process, interdisciplinary studies and research;
- Educating and training human resource for the country's development;
- Establishing linkages with industries to promote science and technology; and
- Paying special attention to the improvement of the social and economic conditions and welfare of the people, especially their intellectual, academic and cultural development.

### **Ways to Achieve Objectives**

CUG believes that its objectives can be achieved by providing access to quality education that is conscious of the three principles of Equity, Equality and Relevance in life.

## Individual Centre/School Profile

### School of Social Sciences

The School of Social Sciences (SSS) comprises of five Centres and offers the following programmes of study:

Centre Name	Nature of the Programme	Name of the Programme
Centre for Studies in Social Management	Integrated M.A. (5 years)	M.A. in Social Management
Centre for Studies in Science Technology and Innovation Policy	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in Science, Society and Development
Centre for Studies in Society and Development	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in Society and Development
	M.A. (2 years)	M.A. in Society and Development
Centre for Studies in Economics and Planning	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in Economics
Centre for Gandhian Thought and Peace Studies	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in Gandhian Thought and Peace Studies

The courses offered by the School of Social Sciences aim at imparting and generating knowledge on emerging issues and problems of contemporary society, economy and polity.

The course structure is choice based, flexible and inter-disciplinary. The method of teaching is interactive and based on field learning. The academic format places great emphasis on student initiative. The evaluation is continuous and grade based. Assignments, tutorials, seminars, and projects carry equal weight as semester exams.

At the end of the course, a student would be equipped with analytical skills and a theoretical knowledge of social science based on empirical and field based learning. Students with this kind of learning can look forward to various kinds of careers in management, research, policy-making, development, media and administration.

## Centre for Studies in Social Management (CSSM)

Year of Establishment: 2010

Courses Offered: Integrated M.A. (5 years)

Maximum Intake: 25

Students in 2014-15:

Number of Applications Received	Number of Students who Appeared for Entrance Examinations	Number of Students Admitted
120	95	24

Gender and Social Category of Students:

Male	Female	SC	ST	OBC	PH	KM	General
14	10	05	05	06	00	00	08

**Objectives of the Centre:**

CSSM started with the objective of catering to the acute shortage of professionals in the development management sector. Its aims are to equip students with the requisite management skills for understanding and contributing to the growth of the developmental sector. Its emphasis on internships and interdisciplinary project work in cooperation with public and private institutions would directly benefit students in creating invaluable social capital and networks. It also envisages a robust research programme which can take up major research challenges in the fields of policy discourse, development and management.

**Faculty Profile:**

1) Mr. Sony Kunjappan, Coordinator and Assistant Professor

Research interests : Governance, Criminology, Police Studies, Criminal Justice and Human Rights. He teaches Human Rights, Social Policy, Governance and Research Methodology.

2) Dr. Litty Denis, Assistant Professor

Research interests: Microfinance/financial inclusion, corporate social responsibility, social entrepreneurship.

3) Dr. Sudeep Basu, Assistant Professor

Research interests: Refugee, displacement and diaspora studies; Migration and development; Sociology of knowledge and Social exclusion.

## **Publications**

### ***Journal Articles***

#### **Faculty**

- Kunjappan, Sony. “Strengthening Governance through better police training: Towards a matrix model”, *Indian Police Journal* Vol. LIX. No.4 (2014):38-61. October- December
- Basu, Sudeep, “Interrogating Tibetan Exilic Cultures: Issues and Concerns,” in *Readings in Indian Sociology Volume 9: Culture and Society*, ed. Susan Visvanathan (New Delhi: Sage Publications, 2014), pp. 58-81. (PB)
- Basu, Sudeep, “Media, Tibet and the Tibetan Diaspora: Some Reflections,” in *Forced Migration & Media Mirrors*, ed. Sibaji Pratim Basu (Frontpage: Kolkata, 2015), pp. 123-134.

### ***Any other Publications***

- Basu, Sudip, review of *Tibetan refugees in India: Education, Culture and growing up in exile*, by Mallica Mishra. *Sociological Bulletin*, 63 (3), Sep-Dec 2014, pp. 478-480.

#### **Events of the Centre**

- The Centre for Studies in Social Management organized discussion talk on redesigning the Field work objectives. The participants were student representatives, expert member Prof. Tara Nair, GIDR, Centre faculty and Field work office coordinator.

## List of Speakers invited

Sr. No	Name of the Speaker	Date	Title of the talk
1	Prof. Samar Dutta	29/04/2014	'Can micro-finance become a good model of development?'
2	Mrs. Vijaylaxmi Das	28/04/2014	Microfinance and Poverty Alleviation

## Research projects undertaken by the Centre/ Individual Faculty members.

- Basu, Sudeep. - ICSSR project:

Title: "Diasporic Gujaratis and their Homeland: Documenting Social Remittance practices in Gujarat"

## Conference participation/ Presentations/ Invited Lectures etc. by Faculty Members and Students

- Kunjappan, Sony. Attended All India Police Science Congress dated 11th March, 2015 to 13th March, 2015, jointly organized by Government of Gujarat and Bureau of Police Research and Development, New Delhi.
- Kunjappan, Sony. Invited by Govt. of Kerala, Home Department to discuss with the committee that is conceptualising a Police University for the state of Kerala, letter no.34428/E3/Home dated 7/5/2014.
- Kunjappan, Sony. Attended the Orientation Course at Academic Staff College, JNU from 10th November, 2014 to 5th December, 2014.
- Denis, Litty. Delivered a talk on "Inventory Management Techniques in Apparel Industry" at National Institute of Fashion Technology on 30<sup>th</sup> October, 2014.
- Denis, Litty. Attended the Orientation Programme from 16<sup>th</sup> February, 2015 to 14<sup>th</sup> March, 2015 at UGC-Academic Staff College, Gujarat University, Ahmedabad.
- Basu, Sudeep. Presented paper titled, "Organizing for Exile! Self-Help ethics and its outcomes for Tibetan refugees" at the 15<sup>th</sup> Conference of the International Organization for the Study of Forced Migration (IASFM): Forced Migration and Peace, 30th anniversary of the Cartagena Declaration, held from 15 and 18 July 2014 in Bogota, Colombia.

- Basu, Sudeep. Presented paper on “Question of Rehabilitation of Manual Scavengers”, in a Workshop on “Improving quality of life of workers engaged in cleaning occupation”, at Mahatma Gandhi Labour Institute, Ahmedabad on 24<sup>th</sup> February, 2015.

### Students

- Ankit Dave and Akash Mishra (students) attended an internship programme at National Human Rights Commission from 14<sup>th</sup> February 2015 to 5<sup>th</sup> March 2015.
- All the students of semester x, i.e final year of the course, were provided an opportunity to undergo a training programme from 16<sup>th</sup> March 2015 to 27<sup>th</sup> March 2015 at Gujarat State Human Rights Commission. This was coordinated by Field work office coordinator.
- Divyesh Sunilbhai Thakor had undergone an internship for 10 days at Aga Khan Rural Support Programme in the month of December 2014.
- Ms. Rashmika Vora had undergone an internship at Gujarat Ecology Commission in the month of October 2014.

### Co-curricular activities

- Litty Dennis had undertaken a ‘**School Adoption Programme**’ with Dr. Ishmeet Kaur under the Extension & Outreach Activities of Central University of Gujarat since March, 2015.
- Sony Kunjappan was invited by, **Central University of Kerala** (2014) as external examiner for viva and paper evaluation.
- Sony Kunjappan -Member, **Board of Studies, Centre for Studies in Economics and Planning**, Central University of Gujarat.
- Students of CSSM were provided with an opportunity to work on the Field associating them with various Government and Non-Government organisations. The Field work programme is being coordinated by field work office coordinator.
- Students of 2012-13 batch have worked with various organisations like PRAYAS foundation, ManavSadhana, SRISHTI, SAMVEDANA, JANVIKAS, Human Development and Research Centre. All these organisations are working in the fields of Livelihood, Micro-finance, Education, Innovation etc.
- Students of 2013-14 have worked with St. Xaviers Social Service Society. This organisation is working with the urban poor community. They are trying to uplift the urban poor by Education programmes, interventions etc.

- Students of 2014-15 batch have visited various villages at Sanand and observed the social practices and problems. This helped them to understand the actual scenario of the Indian villages.

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

**Year of Establishment:** 2009

**Courses Offered:** Integrated M.Phil.-Ph.D.

**Maximum Intake:** 15

**Students in 2014-15:**

Number of Applications Received	Number of Students who Appeared for Entrance Examinations	Number of Students Admitted
72	57	14

**Gender and Social Category of Students:**

Male	Female	SC	ST	OBC	PH	KM	General
10	04	02	00	02	00	00	10

**Objectives of the Centre:**

CSSTIP focuses on imparting an interdisciplinary orientation within the broad sphere of Science, Technology and Society (STS) studies, specifically dwelling upon perspectives from history, sociology and philosophy of science, and socio-economic aspects of technological change and innovation studies. These would be supplemented by rigorous training in quantitative and qualitative dimensions of research, especially in methods related to technology assessment and forecasting. The objective would be to equip students to analyse and develop policy related insights in sectors as diverse as agriculture, health care, information technology, biotechnology, nanotechnology, climate change etc. and find sustainable solutions to real world problems.

**Faculty Profile:**

1) Dr. Parvathi K. Iyer, Coordinator and Assistant Professor  
 Research interests : Public Engagement with S&T, Scientific Governance, Innovation, Risk and

Regulation and Gender and Science.

2) Dr. Kunal Sinha, Assistant Professor

Research interests : Science, technology and development, technology futures analysis, Intellectual Property Rights and development, and innovation and socio-economic change.

3) Dr. Shiju Sam Varughese, Assistant Professor

Research interests : Social history and philosophy of science, public engagement with S&T, science communication, media and science, science fiction cinema and literature, science popularization and gender and caste relations of S&T.

4) Dr. Hemant Kumar, Assistant Professor

Research interests : Informal sector innovations, systems of innovation, socio-technical transition, and philosophy of science and technology.

## Publications

### Books/ Monographs

#### FACULTY

- Bose, Satheese Chandra and **Varughese, Shiju Sam** (eds.). *Kerala Modernity: Ideas, Spaces and Practices in Transition*. Hyderabad: Orient Blackswan, 2015.

### Chapters in books

- Bose, Satheese Chandra and **Varughese, Shiju Sam**. “Situating an Unbound Region: Reflections on Kerala Modernity.” In *Kerala Modernity: Ideas, Spaces and Practices in Transition*, edited by Satheese Chandra Bose and Shiju Sam Varughese, 1–24. Hyderabad: Orient Blackswan, 2015
- **Varughese, Shiju Sam**. “Colonial Intellectuals, Public Sphere and the Promises of Modernity: Reading Parangodeeparinayam.” In *Kerala Modernity: Ideas, Spaces and Practices in Transition*, edited by Satheese Chandra Bose and Shiju Sam Varughese, 41–58. Hyderabad: Orient Blackswan, 2015.

### Journal Articles

#### FACULTY

- Ali, Azamat and **Sinha, Kunal**. “Emerging Scenario of Nanobiotechnology Development in India.” *European Academic Research* 2(2) (2014): 1707–21.

- Ali, Azamat and **Sinha, Kunal**. “Exploring the Opportunities and Challenges in Nanotechnology Innovation in India.” *Journal of Social Science for Policy Implications* 2(2) (2014): 227–251.
- Ali, Azamat and **Sinha, Kunal**. “Prospects of Nanotechnology Development in the Health Sector in India.” *International Journal of Health Sciences* 2(2) (2014): 109–27.
- Ali, Azamat and **Sinha, Kunal**. “Policy on Risk Governance for Nanotechnology Development in India.” *Nanotechnology Law and Business* 12(1) (2015): 60–67.
- Kumar, Vikas and **Sinha, Kunal**. “Status and Prospect of Research and Development in Agriculture in India.” *Journal of Science Policy and Governance* 5(1) (2014): 1–10.
- **Sinha, Kunal**. “Role of Science, Technology and Innovation Policy in Development of HIV/AIDS Vaccine in India.” *India Education Newsletter* 3(1) (2015): 6–7.
- **Kumar, Hemant** “Dynamic Networks of Grassroot Innovators in India.” *African Journal of Science, Technology, Innovation and Development* 6(3) (2014): 193–201. doi:10.1080/20421338.2014.940170.
- **Kumar, Hemant** and Saradindu, Bhaduri. “Jugaad to Grassroot Innovations: Understanding the Landscape of the Informal Sector Innovations in India.” *African Journal of Science, Technology, Innovation and Development* 6(1) (2014): 13–22. doi: 10.1080/20421338.2014.895481.

## STUDENTS

- **Ali, Azamat** and Sinha, Kunal. “Policy on Risk Governance for Nanotechnology Development in India.” *Nanotechnology Law & Business* 12(1) (2015): 60–67.
- **Ali, Azamat** and Sinha, Kunal. “Emerging Scenario of Nanobiotechnology Development in India.” *European Academic Research* 2(2) (2014):1707–27.
- **Ali, Azamat** and Sinha, Kunal. “Exploring the Opportunities and Challenges in Nanotechnology Innovation in India.” *Journal of Social Science for Policy Implications* 2(2) (2014): 227–51.
- **Ali, Azamat** and Sinha, Kunal. “Prospects of Nanotechnology Development in the Health Sector in India.” *International Journal of Health Sciences* 2(2) (2014): 109–25.
- **Kumar, Vikas** and Sinha, Kunal. “Status and Prospect of Research and Development in Agriculture in India.” *Journal of Science Policy and Governance* 5(1) (2014): 1–10.

## Other Publications

## FACULTY

- **Varughese, Shiju Sam**. 2014. “Science and the Nation-state.” Review of *Atomic State: Big Science in Twentieth-Century India*, by Jahnvi Phalkey. *The Book Review* 38(9), September: 7–8.

## Events of the Centre

- Seminar cum Distinguished Lecture Series on *Situating Science, Technology and Innovation Policy in India*, organized by the Centre for Studies in Science, Technology and Innovation Policy at Conference Room, Sector 30, Central University of Gujarat. March 27, 2014.
- Seminar cum Distinguished Lecture Series on *Science, Technology and Society Interface Studies in India: Taking Stock and Future Directions*, organized by the Centre for Studies in Science, Technology and Innovation Policy at Multipurpose Hall, Sector 30, Central University of Gujarat. March 28, 2014.
- Dr. Madhav Govind (Associate Professor, Centre for Studies in Science Policy, Jawaharlal Nehru University, New Delhi), “Emergence of the Role of Scientist: Understanding the Institutionalisation of Science in a Social Context.” Public Lecture, Thursday, October 30, 2014.

## Conference Participation/ Presentations/ Invited Lectures etc.

### FACULTY

- **Iyer, Parvathi K.** 2015. Participated in “Women in Science, Technology, Engineering and Mathematics (STEM): A case for Intervention.” Workshop organized by the British Council, New Delhi in collaboration with Department of Science and Technology, Government of India and UK Science and Innovation Network, February 12.
- **Varughese, Shiju Sam.** 2015. Panellist at the release of the book, *Red and Green: Five Decades of Indian Maoist Movement in India* by Prof. Manoranjan Mohanty. Organised by Department of Rural Economics, Gujarat Vidyapith, Ahmedabad, March 10.
- **Varughese, Shiju Sam.** 2015. Participated in the one-day workshop on New Media and Digital Philosophy: A Dialogue with Shanyang Zhao. Organised by Mudra Institute of Communications-Ahmadabad (MICA), Shela, Ahmadabad, March 3.
- **Varughese, Shiju Sam.** 2015. “Ethics in the Era of Biopolitics: Endosulfan Survivors as ‘Non-Publics’ in the Public Debate on Science in Kerala.” Paper presented at the UGC-sponsored National Seminar on Theorizing Ethics: Prospects and Challenges, Sree Kerala Varma College, Thrissur, Kerala, January 20–22.
- **Varughese, Shiju Sam.** 2015. Chaired the Parallel Session I of the UGC-sponsored National Seminar on Theorizing Ethics: Prospects and Challenges, Sree Kerala Varma College, Thrissur, Kerala, January 20–22.
- **Varughese, Shiju Sam.** 2014. “Science, State and Democracy in the Era of Biopolitics: Endosulfan Survivors as ‘Non-publics’ in Kerala.” Paper presented at the National Seminar on Disciplines, Movements, Policies: The Changing Relationship between Science, State and Society, Indian Institute of Advanced Studies, Shimla, November 24–25.
- **Varughese, Shiju Sam.** 2014. “The Nuclear Power Projects in India and the ‘Quasi-publics’ of Technoscience.” Paper presented at the Indian-Dutch STS workshop on Publics, Politics, and Technoscience in Contemporary Indian Contexts, Jindal School of Government and Public Policy, O.P. Jindal Global University, Sonapat, Haryana in collaboration with

Maastricht University Science, Technology and Society (MUSTS) funded in the SSCIN program by ICSSR and NWO, November 17–18.

- **Varughese, Shiju Sam.** 2014. “Textbooks and the Values of Modern Science: Taking Stock of Science Education in Gujarat.” Paper presented at the one-day workshop to bring out a Handbook of Scientific and Technical Education in India, National University for Educational Administration and Planning (NUEPA), New Delhi, 7 November.
- **Varughese, Shiju Sam.** 2014. “The State-Technoscience duo in India: A Brief History of a Politico-epistemological Contract.” Paper presented at the international conference on Science in the Nation-State: Historic and Current Configurations in Global Perspective, 1800–2010, University of Tübingen, Germany, September 11–13.
- **Kumar, Hemant.** 2015. “Conceptualising Grassroots Innovation Systems in India.” Paper presented at the International Conference on Creativity and Innovations at Grassroots [ICCIG], Centre for Management in Agriculture, IIM-Ahmedabad, January 19–22.

## STUDENTS

- **Alaie, Sheeraz A.** 2015. “Learning and Creativity based Use of Informal Knowledge in the Horticulture Sector of Jammu and Kashmir.” Paper presented at the international conference on Creativity and Innovations at Grassroots [ICCIG], Centre for Management in Agriculture, IIM-Ahmedabad, January 19–22.
- **Alaie, Sheeraz A.** 2014. “Pharmaceutical Policies in India: Balancing Industrial and Public Health Interests.” Paper presented at the workshop-cum-conference organised by Institute for Studies in Industrial Development (ISID), New Delhi, March 3–7.
- **Ali, Azamat.** 2015. “The Politics of Farm policy in India.” Poster presentation at the international conference on Law and Economics, jointly organized by Gujarat National Law University Gandhinagar, Indian Institute of Management Ahmedabad and Indian Institute of Technology Kanpur, March 14–15.
- **Ali, Azamat.** 2014. Participated in Pharmaceutical Policies in India: Balancing Industrial and Public Health Interests. National workshop-cum-conference organized by the Institute for Studies in Industrial Development in collaboration with Public Health Foundation of India (PHFI), New Delhi, March 03–07.
- **Ali, Azamat.** 2015. Participated in the Technology and Research Management Workshop. Organized by Gujarat State Biotechnology Mission (GSBTM), Department of Science and Technology, Government of Gujarat at Hotel Regenta, Ahmedabad, February 26–27.
- **Chavada, Mehul K.** 2015. Participated in the Orientation Programme for Research Scholars and Faculty Members belonging to Scheduled Castes and Other Marginalised Groups. Organised by Dr. Babasaheb Ambedkar National Institute of Social Science, Dr. Ambedkar Nagar, Mhow, Madhya Pradesh, March 25–28.
- **Chavada, Mehul K.** 2015. Participated in the seminar on The Contributions of Dr B.R. Ambedkar: Contemporary Relevance. Organised by Dr. B.R. Ambedkar Chair, School of Social Science, Gujarat University, Ahmedabad, February 19–20.

- **Devi, Wairopkam P.** 2015. “Innovations in Food Processing Industry: An Ethnography Study of Bamboo Shoot in Manipur.” Paper presented at the international conference on Creativity and Innovations at Grassroots [ICCIG], Centre for Management in Agriculture, IIM-Ahmedabad, January 19–22.
- **Kumar, Vikas** 2014. Participated in the International Capacity Building and Training Workshop on Village Social Accounting Matrix and Computable General Equilibrium (CGE) Modelling: Application in Agriculture and Development Studies. Organised by Gujarat Institute of Development Research, Ahmedabad, November 3–10.
- **Lakkad, Abhishek Vikas.** 2015. Participated in the Advanced Workshop on Social Theory-3: Social Science and its Frontiers: Problematizations, Interrogations. Organised by Centre for Social Theory, School of Development Studies, Tata Institute of Social Sciences, March 26–28.
- **Lakkad, Abhishek Vikas.** 2015. Participated in the one-day workshop on New Media and Digital Philosophy: A Dialogue with Shanyang Zhao. Organised by Mudra Institute of Communications-Ahmadabad (MICA), Shela, Ahmadabad, March 3.
- **Pandey, Anurag.** 2015. Participated in the one-day workshop on New Media and Digital Philosophy: A Dialogue with Shanyang Zhao. Organised by Mudra Institute of Communications-Ahmadabad (MICA), Shela, Ahmadabad, March 3.
- **Sharma, Kanika.** 2014. Participated in the research workshop, ‘Researching the Contemporary’. Organised by Centre for the Study of Developing Societies, Delhi, July–August.
- **Subair, K.** 2015. Participated in the Advanced Workshop on Social Theory-3: Social Science and its Frontiers: Problematizations, Interrogations. Organised by Centre for Social Theory, School of Development Studies, Tata Institute of Social Sciences, March 26–28.
- **Subair, K.** 2015. Participated in the one-day workshop on New Media and Digital Philosophy: A Dialogue with Shanyang Zhao. Organised by Mudra Institute of Communications-Ahmadabad (MICA), Shela, Ahmadabad, March 3.
- **Verma, Vandana.** 2015. “Banking through technology: A Study of Banking Sector in India.” Paper presented at the national seminar on Recent Trends in Commerce and Management, organised by DeenDayalUpadhyay Government Post Graduate College, Saidabad, Allahabad and sponsored by Department of Higher Education, Government of Uttar Pradesh, February 22–23.
- **Verma, Vandana.** 2015. Participated in the one-day workshop on New Media and Digital Philosophy: A Dialogue with Shanyang Zhao. Organised by Mudra Institute of Communications-Ahmadabad (MICA), Shela, Ahmadabad, March 3.
- **Vimal, Manoj.** 2015. Participated in the research scholars’ workshop on Contemporary Marginalities: History, Knowledge, Theory. Organised by Centre for the Study of Developing Societies, Delhi, March 9–10.

## Awards/ Honours/ Distinctions

### FACULTY

- **Varughese, Shiju Sam** has been nominated as a member of the Indo-Dutch research network, *Publics, Politics, and Technoscience in Contemporary Indian Contexts*, funded by the NWO-ICSSR Social Science India-Netherlands (SSCIN) Scholar Exchange Program 2013–14.

## Centre for Studies in Society and Development (CSSD)

**Year of Establishment:** M.A. Programme: 2010; Integrated M.Phil.-Ph.D. Programme: 2011

**Courses Offered:** M.A. in Society and Development; Integrated M.Phil.-Ph.D.

**Maximum Intake:** 25 for M.A.; 15 for M.Phil.-Ph.D.

### Students in 2014-15:

#### M.A. Programme:

Number of Applications Received	Number of Students Appeared	Number of Students Admitted
35	21	07

#### Gender and Social Category of Students:

Male	Female	SC	ST	OBC	PH	KM	General	International
05	02	00	02	02	00	00	02	01

#### Objectives of the Centre:

Centre for Studies in Society and Development: CSSD brings the perspectives of sociology, anthropology and social work to bear on issues of development. The centre aims to generate and disseminate knowledge on theoretical and practical aspects of society and development and the interfaces between them. The pedagogy is based on interactive teaching and assessment is continuous and based on field research involving assignments, seminars, and project reports, besides exams and tests. The courses adopt an inter-disciplinary approach to enhance the skills of students, and to enable them to successfully meet the challenges of a career in the area of development.

## Faculty Profile:

1) Prof.N. Rajaram, Dean and Professor, School of Social Sciences

Research interests : Development, Gender, Health, Political Sociology&Migration

2) Dr. Jayashree Ambewadikar, Chairperson and Assistant Professor

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

3) Dr. Asima Jena, Assistant Professor

Research interests : Debates on Embodiment and Sexuality, Sociology of Health and Ethnography

4) Dr. Sudarshan Papanna, Assistant Professor

Research interests : Urban Sociology, Studies of Caste, Studies of Indian Society and Sociology of Knowledge

5) Mr. Khaikholen Haokip, Assistant Professor

Research interest: Human Rights, Social Movements and Tribal Studies

6) Dr. Madhumita Biswal, Assistant Professor (on contract)

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

## Publications

### FACULTY

#### *Book Chapters*

- Jena, Asima. "Interface between unequal power relations in Gender and Health: A Case of STIs in India," in *Gender Issues and Challenges in Twenty First Century*, edited by Uttam Kumar Panda, 3-24, New Delhi: Satyam Law International, 2014
- Jena, Asima. "Theoretical Concepts/Body-Mind Dualism: A Critique", in *Sociology of Health*, Paper No. 08, Module ID 24, UGC-e-pathsala: Sociology, 2015

- Jena, Asima. "Disease Control programs/HIV/AIDS as a Public Health Challenge: Reflections on the Intervention Programs" in Sociology of Health, Paper No. 08, Module ID 16, UGC-e-pathsala: Sociology, 2015
- Biswal, Madhumita. "Politics of Reproduction", in "Women and social Structure", MWG-009, School of Gender and Development Studies, (New Delhi: IGNOU 2014), 129-144.
- Biswal, Madhumita. "Contemporary Feminist Perspectives" in "Women and social Structure", MWG-009, School of Gender and Development Studies, (New Delhi: IGNOU 2014), 159-173. ISBN-978-81-226-6796-3.

### Journal Articles

#### Faculty

- Rajaram, N. "Emerging Social and Cultural Issues of Development in Gujarat and India" *Samajkaaran*, Vo.8, No.2. Ahmedabad. July 2014. Pp 26-33. (ISSN 2319-3522)

### Journal Articles

#### Students

- Morish, Salu G. Mari Kanedani Vidhyayatra, (My Canada's Education Experience)" *Gujarat Adilok*, Ahmedabad, ISSN 2250-1517, Ank: 1(2015):26, January-February
- Parekh, Pratham. Women's Participation in International Migration & Development, *Social Vision*, (2014), ISSN: 23490519, April.
- Parekh, Pratham. Social Remittances and Development, *Desb Vikas*, ( 2015)ISSN: 2394-1782 / (RNI): APENG/2014/57359, January.
- Banjare, S.K. and Chetty Krushna. "Satnami in Chhattisgarh: Analysing its Past and Present" *Creative Space: International Journal*, (Jan-March, 2015): 41-45, ISSN2347-1689.
- Manjre, Sanjiw K. & Banjare S. K. 'Chhattisgarh mein SatnamAandolan', *Sangharsh/ Struggle: e- Journal of Dalit Literary Studies*, January to March, vol. 04, Issue 01. (2015): 129-134, ISSN: 2278-3067.
- Manjre Sanjiw K. & Banjare S. K. (2015), 'Janjatiya Samaj Aur Samasyaayein' *Shodh Manthan Journal Anu Books*, March 2015, Vol. 06, Issue 01., pp. 196-208, ISSN: 0976-5255.

## Events of the Centre

- Prof. Anand Kumar from Centre for Study of Social Systems, School of Social Sciences, Jawaharlal Nehru University and President of Indian Sociological Society delivered distinguished lecture on “The Discourse of Representative Democracy in India today” on 23 June, 2014.
- Prof. Avatthi Ramaiah, Professor and Director in Centre for Study of Social Exclusion and Inclusive Policy, Tata Institute of Social Sciences, Mumbai delivered distinguished lecture on “Caste and Development” on *July 23, 2014*
- Prof. Purendra Prasad, University of Hyderabad delivered distinguished Lecture on “Reforms and Populist agenda in Health Sector: Some Reflections”, 27 August, 2014.
- Prof. P.G. Jogdand, Professor of Sociology, University of Mumbai delivered Public Lecture on “Movements for Social Justice in India” on 11th October, 2014
- Prof Sheela Prasad, Centre for Regional Studies, University of Hyderabad, delivered distinguished Lecture on “ Women, Environment and Development : Debates , Issues, Concerns on 13 October, 2014
- Prof Chandrasekar Bhat from University of Hyderabad delivered public lectures on the topic “Bridging India beyond Borders: Globalization, Diaspora and Policy Initiatives” on January 9, 2015.
- Dr. Ravi Kumar, South Asian University, delivered public lectures on the topic “Democracy, Development, Disappearance of the ‘Common’: The Spectacle of Contemporary Capitalism”, 28 January, 2015.
- Dr. B.B. Malick, Department of Sociology, School of Social Sciences, Babaseheb Bhimrao Ambedkar University, Lucknow delivered public lecture on the topic “Environment, Development and Question of Ethical Principles” on 30 Jan, 2015
- Prof Rajeev Gutpa from University of Rajasthan delivered public lectures on the topic “Contemporary Political Trends: A Sociological Analysis”, February 19, 2015.

## Conference Participation/ Presentations/ Invited Lectures etc.

### FACULTY

- Prof. N. Rajaram delivered lecture on “Social Aspects of Masculinity and Femininity” in the course on Women’s Studies: Inter-disciplinary Perspectives. Women’s Studies Research Centre, M.S.University of Baroda, August 22, 2014
- Prof. N. Rajaram delivered lecture on “Women in Sociology” in the course on Women’s Studies: Inter-disciplinary Perspectives. Women’s Studies Research Centre, M.S.University of Baroda, Sept 5, 2014
- Prof. N. Rajaram delivered Plenary lecture on “Youth Civic Engagement: Sociological Perspectives” in UGC Sponsored National Seminar on “Youth Civic Engagement: Inter-disciplinary Perspectives” organized by Department of Human Development & Family Studies, M.S. University of Baroda. September 18, 2014.
- Prof. N. Rajaram delivered lecture on “Development & Diversities in Contemporary India”. Department of Sociology, M.S. University of Baroda. September 27, 2014.
- Prof. N. Rajaram, delivered lecture in Third Plenary Session – “Social Development in India – Gujarat & Beyond” in 40th All India Sociological Conference on “Development, Diversity and Democracy”, Mahatma Gandhi Kashi Vidyapeet, Varanasi. December 1, 2014.
- Dr. Jayashree Ambewadikar participated in the Orientation Programme on Social Science Research, sponsored by ICSSR, New Delhi, during March 9-14, 2015 at Institute for Studies in Industrial Development, New Delhi.
- Dr. Asima Jena presented paper on “Plurality of Violence and Health: A Narrative of Sexual Health” at the international workshop on “Health Care Studies in India” organized by Department of Sociology, University of Hyderabad, Hyderabad, March 6-7, 2015.
- Dr. Asima Jena presented paper on “Body Politics and Marginality: Understanding the Predicaments of Kalavanthulu” in National Seminar on “Unfamiliar Margins in the Social”, organized by Department of Sociology, University of Hyderabad, Sponsored by: UGC-SAP, October 14-15, 2014.
- Dr. Madhumita Biswal delivered lecture on “Caste, Gender and Health” as a resource person on 4th March 2015 for the Refresher Course in Gender Studies, commenced from February 13, 2015 to March 5, 2015, organized by UGC Academic Staff College, University of Hyderabad, Hyderabad-500046.

- Dr. Madhumita Biswal presented paper on “In Reproducing Modern Bodies: Frontline Health Workers and Reproductive Health Interventions in India” at International Workshop on “Health Care Studies in India” organized by Department of Sociology, University of Hyderabad, held on March 6th and 7th, 2015.
- Dr. Sudarshan Papanna participated in the 90th Orientation Course held from January 8, 2015 – February 4, 2015 conducted by UGC – Academic Staff College, University of Hyderabad.
- Dr. Jayashree Ambewadikar participated in the 92nd Orientation Course in UGC Academic Staff College, Jawaharlal Nehru University, New Delhi during 10-11-2014 to 05-12-2014

## STUDENTS

- Sruthi Krishna presented a paper on “Marginality and Dalit Women: Looking through the Autobiographies” in a Seminar on “Marginality and Literature: Retrospect and Prospect”, held on 19th -20th February 2015, conducted by the Department of Comparative Literature, SSUS Kalady Kerala.
- Anjali Shanmukhan presented a paper on “Doing Feminist Research on Women in Distress: Some Reflections” in National Level Young Researchers' Workshop on 'Against Method? Methodological Challenges for Social Science Research Today, organized by Department of Sociology, University of Hyderabad, under UGC-SAP, Hyderabad, and January 22-23, 2015.
- Parekh Pratham attended Three Days Training Course on “Human Development towards Bridging Inequalities, UNDP and Planning Commission, India, July, 2014.
- Parekh Pratham presented Paper on "Sociology of Death & Dying" at 22nd Gujarat Sociological Society Conference 2015, Maharaja KrishnakumarSinhji Bhavnagar University, February, 2015.
- Krushna Chetty participated in the Orientation Programme on “*Social Science Research for Research Scholars and Teachers belonging to Scheduled Castes, Scheduled Tribes and other Marginalised Groups*” (Sponsored by the Indian Council of Social Science Research, New Delhi), Organized by Institute for Studies in Industrial Development, New Delhi- 110070, During March 09-14, 2015.
- Dinesh Digambar Khillare participated in the Orientation Programme on “*Social Science Research for Research Scholars and Teachers belonging to Scheduled Castes, Scheduled Tribes and other Marginalised Groups*” (Sponsored by the Indian Council of Social Science Research, New Delhi), Organized

by Institute for Studies in Industrial Development, New Delhi- 110070, During March 09-14, 2015.

- Subodh Kumar attended course on Research Methods in Labour Studies, Organised by V.V. Giri National Labour Institute, Noida, U.P. Date: 1-12 December, 2014

### **Awards/ Honours/ Distinctions/Fellowships**

#### **STUDENTS**

- Ms. Bhavna Harchandani, M. Phil. research student cleared ICMR JRF for Funded Research in Social Sciences in July 2014
- Ms. Bhavna Harchandani, M. Phil. research student worked as a Visiting Faculty at Navrachana University, Vadodara to teach Sociology to Undergraduates from August – September 2014 ( 15 Lectures)
- Mr. Ramnath K.R cleared NET in Women’s studies in June 2015.
- Mr. Parekh Pratham, facilitated by Gujarat Sociological Society for NET JRF in Sociology.
- Mr. Anand Kumar M. Phil. research student cleared NET, conducted by UGC held in June, 2014.
- Mr. Krushna Chetty awarded Rajiv Gandhi National Fellowship on February, 2015.
- Mr. Rohit Solanki cleared Gujarat State Eligibility Test (GSET) in Sociology in March 2015.
- Mr. Abhas Kumar Ganda awarded Maulana Azad National Fellowship 2014-15.
- Mr. Dinesh Digambar Khillare cleared UGC- NET, JUNE 2014.
- Mr. Diganta Das cleared UGC-NET in Sociology in June 2014

### **Centre for Studies in Economics and Planning (CSEP)**

**Year of Establishment:** 2010

**Courses Offered:** Integrated M.Phil.-Ph.D.

**Maximum Intake:** 15

### Students in 2014-15:

Number of Applications Received	Number of Students who Appeared for the Entrance Examination	Number of Students Admitted
94	67	13

### Gender and Social Category of Students:

Male	Female	SC	ST	OBC	PH	KM	General
09	04	01	01	05	00	00	06

### Objectives of the Centre:

The main objectives of the CSEP are to promote quality education in the field of economics and research on emerging economic issues faced at regional, national and global levels. The Centre strongly focuses on the areas of economic and regional development, public policies, environmental issues, the informal sector, health economics, industrial research and development, firms' export behaviours, FDI, etc., that are of contemporary relevance. The syllabus of the Centre is innovatively designed to enhance students' theoretical, analytical and empirical knowledge, in order for them to understand the economic behaviours of individuals, firms and economies.

### Faculty Profile:

- 1) Dr. Indira Dutta, Chairperson and Associate Professor  
Research Interests : Environmental Economics, Regional Economics, and Labour Economics.
- 2) Dr. Jaya Prakash Pradhan, Chairperson and Associate Professor,  
Research Interests : Economics of Internationalization and Development; Firm-level Technological and Export Activities; Sectoral Analysis: Indian Pharmaceuticals, Automotive & Software Industries; Regional Development; and Applied Econometrics.
- 3) Dr. Vinod Sen, Assistant Professor  
Research Interests : Informal Sector, Social Security, Employment & Unemployment, and Labour Economics, Migration, Issues related to Women and Child Labour, and Inflation.
- 4) Dr. Sarala Dasari, Assistant Professor  
Research Interests: Public Economics, Economics of Social Sector: Education Finance and Policy, Health Finance and Policy; Regional Development; Development Economics.
- 5) Dr. Tulika Tripathi, Assistant Professor  
Research Interests: Social Sector Economics, Health, Gender, Microfinance and Women Empowerment, Employment.
- 6) Dr. Kshamanidhi Adabar, Assistant Professor  
Research Interests : Economic Growth and Development, Regional Disparities, Convergence, Regional Development, Human Development, Issues related to Consumption and Employment,

Public Finance, Intergovernmental Transfers, Applied Econometrics.

## Publications

### FACULTY

#### *Books/ Monographs*

- Maurya, Ashok Kumar and Dutta, Indira. *Fluoride Menace in Groundwater: A Study of North Gujarat*. New Delhi: Allied Publishers Pvt. Ltd., 2015.
- Solanki, Mukesh Kumar and Sen, Vinod. *Public Expenditure, Economic Growth and Inflation*. New Delhi: Allied Publishers Pvt Ltd. March, 2015.
- Kharkongor, Natalie West, Dutta, Indira and Miriam Kennet (Ed.). *Green Economics in India*. UK: Green Economics Institute, 2014.

### STUDENTS

- Bagoria, Manoj. *Impact of MGNREGA on Rural Poverty: A study on Sabarkantha District of Gujarat*. New Delhi: VL Media Solutions, 5<sup>th</sup> Jan. 2015.
- Maurya, Ashok .Kumar & Dutta, Indira. *Fluoride Menace in Groundwater: A Study of North Gujarat*. New Delhi: Allied Publishers Pvt. Ltd., 2015, ISBN: 9-788184-249590

#### *Chapters in Books*

### FACULTY

- Dutta, Indira. “Gandhian Green Paradigm: A New Vision for Sustainable Development”, In Miriam Kennet, Eds Natalie West Kharkongor and Odeta Grabauskete, *The Greening of India- The Economic Miracle*, Reading, The Royal County Berkshire, U.K. The Green Economic Institute, 2014. PP 304-311.
- Sen, Vinod and Solanki Mukesh Kumar. “Urban Growth and Poverty: Evidences from Gujarat”, in *Poverty Alleviation in India: Issues and Challenges*, edited by Dhiresk Kulshrestha and Veerendra Singh Matsaniya, 344-354. Delhi, Manglam Publishers & Distributors, 2015.
- **Solanki, Mukesh Kumar and Sen, Vinod** “Globalisation and Casualization of Economy: The Experience of Indian Economy” in *Challenges of Globalization*, edited by Anupama Tandan, 73-80. New Delhi, Atlantic Publishers & Distributers (P) Ltd, 2014.

## STUDENTS

- Singh, S. “Consumptions Pattern of Households in India: A Study of Pre and Post Economic Reform Period,” in *A Compendium of Interdisciplinary Research Papers*, edited by S. Goyal, 225-232. The Global Association of Social Sciences, 2014. ISBN No- 978-81-926111-2-9
- Maurya, A.K. “Green Groundwater in India: The study of Developed Technologies for Groundwater Conservation”, In *The Greening of India: Sharing in the Miracle*, edited by Miriam Kennet, Dr. Natalie West Kharkongor , Kanupriya Bhagat, Dr. Indira Dutta, 184-196. London, UK, The Green Economics Institute (Oxford University), 2014, ISBN-10: 1907543503, ISBN-13: 978-1907543500
- Jadhav, Kishor. “Responding to the global financial crisis: An examination of diamond Cutting and Polishing Workers.” in *Challenges of Globalization*, edited by Anupama Tandan, 222-228. New Delhi: Atlantic Publisher & Distributors, 2014.
- Sazzad, Parwez and Neha Shivani ‘FDI in retail – Bane for Indian economy: reference to Global impact’, in *Emerging Services Sector and Inclusiveness*, Cambridge Scholars Publishing, United Kingdom (UK), Pp.118-128. ISBN no.978-1-4438-7614-8. Indian Institute of Foreign Trade (IIFT), New Delhi. (2015)
- Sazzad, Parwez and Neha Shivani(2015) ‘*Regional Disparity and Health: A Comparative Analysis of Gujarat and Jharkhand*’, in Book titled *Maternal and Child Health in India: Policies and Challenges*. Bookwell Publications, Pp.197-208. ISBN no.93-80574-73-8. Institute of Economic Growth (IEG), New Delhi.

## Journal Articles

## FACULTY

- Dutta, Indira and Maurya, Ashok Kumar. “Groundwater Contamination and Its Impact on Labour Productivity: A Case Study of Mehsana District in Gujarat, India”, *IOSR Journal of Humanities and Social Sciences*, Vol. 19, Issue 10, (2014): 91-99.
- Pradhan, J.P. “Geography of Patenting in India: Patterns and Determinants”, *Metamorphosis: A Journal of Management Research* Vol.13 Issue 2, (2014): 29–43.
- Pradhan, J.P. and K. Das “Regional Export Advantage of Rising Power SMEs: Analytics and Determinants in the Indian Context”, *Critical Perspectives on International Business* Vol. 11 Issue (3&4) (2015),.

- Prajapati, Hariram and Dutta, Indira. “Future of Indian Agriculture: Prospects and Challenges”, *Agricultural Situation in India*, Directorate of Economic and Statistics, Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India, Vol. 71, Issue 6. (September 2014),
- Sen, Vinod and Behera, Deepak Kumar. “Growth and Changing Socioeconomic Condition of Agricultural Labour of Gujarat: in the Perceptions of Inclusive Growth”, *VNSGU Journal of Humanities & Social Sciences* Vol. 4, Issue 2, (July-Dec 2014): 91-114,
- Sen, Vinod and Patel, Manish Kumar. “Contribution of Beedi Industry in the Economic Development of Madhya Pradesh”, *Madhya Pradesh Journal of Social Sciences* Vol. 19, Issue 1, (June 2014): 66-75.
- Lone, Raoof Ahmad and Sen, Vinod. “Horticulture Sector in Jammu and Kashmir Economy”. *European Academic Research*, Vol. II, No. 2, (May 2014): 2405-2432.
- Lone, Raoof Ahmad and Sen, Vinod. “Centrality of Agriculture to Inclusive Growth in India”. *Asian Journal of Research Social Sciences and Humanities* Vol. 4, No. 5, (May 2014): 127-147.
- Tripathi, Tulika. “Unhealthy, Dependent and Insecure Elders”. *Economic & Political Weekly* Vol. XLIX, No.29 (July 2014). 217-223.
- Tripathi, Tulika. “Access to Public Health Services: A Disaggregated Analysis of Uttar Pradesh”. *Margin—The Journal of Applied Economic Research*. Vol. 8 Issue 3 (2014): 257– 284.
- Tripathi, Tulika. “Growth in India: An examination of Inclusiveness”. *Geography and You* Vol. 14 No. 85 (2014) 28-31.

## STUDENTS

- Dutta, Indira & Maurya, Ashok Kumar “Groundwater Contamination and Its Impact on Labour Productivity: A Case Study of Mehsana District in Gujarat, India”, *IOSR Journal of Humanities and Social Sciences* Vol. 19, No. 10 (2014): 91-99, e-ISSN: 2279-0837, p-ISSN: 2279-0845, doi> 10.9790/0837-19107100117
- Maurya, Ashok Kumar. “Organic Farming and Profitable Export Business of Organic Product: An Evolutionary Study in Indian Context”, *EPRA International Journal of Economic and Business Review*, Vol. 2, No. 11 (2014): 109-116, e-ISSN: 2347-9671, p-ISSN: 2349-0187,

- Karewar, Ashutosh, Patil, Pandurang, Anshu, Kumari and Kalyanilaxmi, Chitta. “Sugar Industry in India: An Exploratory Study.” *International Journal of Trade and Global Business Perspectives* Vol.3. No.3 (2014):1209-1218,
- Sazzad, Parwez. “Modified Labour Welfare measure for Special Economic Zone and Implications”.*The Indian Journal of Industrial Relations*Vol. L, Issue no. III (2015): 386-396, January 2015, ISSN: 0019-5286, 2015.
- Sazzad, Parwez. ‘*Supply Chain Dynamics of Indian Agriculture*’. *Productivity: A Quarterly Journal of the National Productivity Council*, Vol. LV, Issue no. III (2014): 286-294. October- December 2014, ISSN (Print): 0032-9924, ISSN (Online): 0976-3902,

### Other Publications

#### FACULTY

- Dutta, Indira. “Marine Tourism in India: A Journey towards Sustainable Development”, in the conference proceeding entitled *Rebalance the Global Economy: Reforming Economics*, Green Economic Institute, 2015.
- HaldharStuti, Vandana Kapoor & Indira Dutta. “Marine Tourism in India: A Journey towards Sustainable Development” in the conference proceeding entitled *Rebalance the Global Economy: Reforming Economics*, Green Economic Institute, 2015.

### Conference Participation/ Presentations/ Invited Lectures

#### FACULTY

- Adabar, Kshamanidhi “Regional Convergence and Fiscal Transfers in India” presented at International Conference on Emergence of India as an Economic Super Power: Challenges and Opportunities organised by Mohanlal Sukhadia University, Udaipur, Rajasthan, India and Transnational Corporations Review, Ottawa United Learning Academy, Canada during April 29 - 30, 2014.
- Adabar, Kshamanidhi “Performance of States in Human Development in India” presented at National Seminar on 2nd National Seminar on Interdisciplinary Approaches to Knowledge, 3rd-4th April 2014, at Pandit Deendayal Petroleum University campus, Raisan, Gandhinagar, Gujarat, India.
- Adabar, Kshamanidhi Participated in the International Conference on “Law & Economics”, jointly organised by Gujarat National Law University Gandhinagar, Indian Institute of

Management, Ahmedabad and Indian Institute of Technology Kanpur from March 14<sup>th</sup> to 15<sup>th</sup> 2015.

- Dutta, Indira. “Marine Tourism in India: A Journey towards Sustainable Development” paper presented via Skype in 10<sup>th</sup> Annual Green Economic Conference, at Trinity College, University of Oxford organized by Green Economic Institute from 22<sup>nd</sup> to 25<sup>th</sup> March, 2015.
- Dutta Indira. “Gandhian Green Paradigm : A New Vision For Sustainable Development” presented a paper in 9<sup>th</sup> Annual Green Economic Conference at the Science and Economics Faculty, University of Oxford, from 9<sup>th</sup> to 11<sup>th</sup> July, 2014.
- Sen, Vinod. Discussant in the session on (19<sup>th</sup> December 2014) the theme “Industrial Relations in India: Sectoral and Regional Patterns” in the 56<sup>th</sup> Annual Conference of the Indian Society of Labour Economics organised by Department of Management, Birla Institute of Technology, Mesra Ranchi and Institute of Human Development Eastern Regional Centre Ranchi, from December 18<sup>th</sup> to 20<sup>th</sup> 2014.
- Sen, Vinod. “Impact of Foreign Institutional Investors on Indian Economy” paper presented in the National Seminar on “Role and Impact of Foreign Institutional Investors on Indian Economy” organised by Swami Vivekanand Govt. College, Berasia, Bhopal, M.P., March 24<sup>th</sup> to 25<sup>th</sup>, 2015.
- Sen, Vinod. Participated in the International Conference on “Law & Economics”, jointly organised by Gujarat National Law University Gandhinagar, Indian Institute of Management, Ahmedabad and Indian Institute of Technology Kanpur, March 14<sup>th</sup> to 15<sup>th</sup> 2015.
- Sen, Vinod. “Scheduled Castes in Maharashtra-Struggle and Hardles in their Socio-economic Development” paper presented in the Social Harmony in India: Challenges and Remedial Measures (Contemporaneous Perspectives) organized by Madhya Pradesh Dalit Sahitya Academy Ujjain, from March 1<sup>st</sup> to 2<sup>nd</sup>, 2015.
- Sen, Vinod. “Participation of Socially Deprived and Vulnerable Section in MGNREGA: A Case Study of Jaipur” paper presented in the 35<sup>th</sup> Annual Conference of the Rajasthan Economics Association organized by Department of Economics, Central University of Rajasthan, from January 23<sup>rd</sup> to 25<sup>th</sup> 2015.
- Sen, Vinod. “India’s Demographic Dividend: An Investigation of Opportunity and Challenges” paper presented in the 56<sup>th</sup> Annual Conference of the Indian Society of Labour

Economics organised by Department of Management, Birla Institute of Technology, Mesra Ranchi and Institute of Human Development Eastern Regional Centre Ranchi, from December 18<sup>th</sup> to 20<sup>th</sup> 2014.

- Sen, Vinod. Participated in the International Conference on “Meeting the Challenges of Employment and Social Protection in South Asia, Organised by Institute of Human Development, New Delhi in Collaboration with International Labour Organisation, United Nations Economic and Social Commission for Asia and the Pacific (UN-ESCAP) and International Development Research Centre (IDRC), Canada (SARNET), from December 14<sup>th</sup> to 16<sup>th</sup> 2014.
- Sen, Vinod. “Provisioning and Welfare Outcomes in Construction Sector: Case of Workers in Gandhinagar, Gujarat” Contributed a paper in the Seminar on “Reviewing Public Provisioning in Basic Services and Infrastructures: Country experiences and Outcome” organised by Omeo Kumar Das Institute of Social Change and Development, Guwahati Assam, from September 25<sup>th</sup> to 26<sup>th</sup>, 2014.
- Sen, Vinod. “Working-Living Condition of Rural Workers in the Urban Construction Sector: Evidence from Gandhinagar City of Gujarat” paper presented in the international Seminar on “Migration, Care Economy and Development” organised by Centre for Development Studies, Thiruvananthapuram, Kerala, from September 17<sup>th</sup> to 19<sup>th</sup>, 2014.
- Sen, Vinod. Participated in the international symposium on “Human Development in Global South: Emerging Perspectives in the Era of Post-Millennium Development Goals” organised by Institute for Human Development (IHD) and Wada Na Todo Abhiyan (WNTA), New Delhi, from April 28-29, 2014.
- Sarala, Dasari. “Women and Health in Andhra Pradesh- India, presented paper in “Women’s Worlds Congress”, organized by University of Hyderabad, Hyderabad. August 17-22, 2014.
- Sarala, Dasari., nominated to participate in state level seminar on "Mainstreaming Human Development Approach through Higher Education" organized by Gujarat Social Infrastructure Development Society (GSIDS) General Administration Department (Planning), Government of Gujarat held on March 20, 2015.
- Tripathi, Tulika. “Skill Development Intervention in Agriculture and Dairy” Paper presented in Development Meet – 2015, Conference organized by Central University of Bihar, March 13-14, 2015.

- Tripathi, Tulika. “Training through SHGs: Skill Generation in Perspective” Presented a paper at the 56th Annual Conference of the Indian Society of Labour Economics, at Department of Management, Birla Institute of Technology (BIT), Mesra, Ranchi and the Eastern Regional Centre of the Institute for Human Development (IHD-ERC), Ranchi, December 18-20, 2014.

## STUDENTS

- Kumar Manoj. Presented paper entitled “MGNREGA and Poverty Alleviation: A case study of Prantij taluka of Sabarkantha district in Gujarat”, organised by Kurukshetra University, Kurukshetra, Haryana, India, from 15<sup>th</sup> November, 2014.
- Kumar Manoj. Presented paper entitled “The Impact of SMEs on Economic Development: A comparative study of Gujarat and Rajasthan”, organised by Central University of Rajasthan, Ajmer, Rajasthan, India, from 23-25 January, 2015.
- Kumar Manoj. Presented paper “Challenges & Government Support for MSMEs in India”, organised by Guru Jambheshwar University of Science and Technology, Hisar, Haryana, India, from 12<sup>th</sup> -13 February, 2015.
- Kumar Manoj. Presented paper entitled “Trade & Economic Relation between India and Pakistan”, organised by Punjabi University, Patiala, Punjab, India, from 13<sup>th</sup> -14<sup>th</sup> March, 2015.
- Kumar Manoj. Presented Paper entitled “Analysis of Women Empowerment through Mgnrega in Rajasthan”, organised by Maharishi Markandeshwar University (Mullana), Ambala, Haryana, India, from 31<sup>st</sup> March 2015.
- Singh, Shalendra. Presented paper entitled “Impact of Changes in Household Consumption Expenditure on Human Development in India” at the 18<sup>th</sup> Annual Conference of Indian Political Economy Association (IIPA), organised by GIDS, Lucknow, Uttar Pradesh, from 15-16 November 2014.
- Maurya, Ashok Kumar. Presented Paper entitled “Recognition of Child Labour from Adolescents and Youth Generation in Census 2011: A State-wise Analysis” at Census Data Dissemination Workshop, organised by University of Allahabad, Directorate of Census Operations, Lucknow and UNICEF, held at G.B. Pant Social Science Institute, Allahabad, 27<sup>th</sup>February 2014.

- Halidar, Stuti, Vandana Kapoor, and Indira Dutta. Presented paper entitled "Marine Tourism in India a Journey towards sustainable development." in the international conference at Trinity College Oxford University, organized by the Green Economics Institute, London. via. skype on from 22<sup>nd</sup> to 25<sup>th</sup> March , 2015.
- Jadhav, Kishor. Presented paper entitled "Growth and Development of Indian Manufacturing: A Study of after 1990s." at the 35<sup>th</sup> Annual Conference of Rajasthan Economic Association organized by the Central University of Rajasthan, Kishangarh, India, from January 23-25, 2015.
- Sazzad, Parwez. Presented paper entitled "*Special Economic Zone Directed Foreign Direct Investment and its implication on Indian Economy*" in "National Development Convention on Resources, Institutions and Development: Contestation and Possibilities in Globalizing India" organized by Gujarat Institute of Development Research, Ahmedabad from 11-12 January 2015.
- Sazzad, Parwez. Presented Paper entitled "*A Demographical Review of Literacy to Higher Education*" in "Census Data Dissemination Workshop" jointly organized by Centre for Studies in Regional Development, Jawaharlal Nehru University (JNU), New Delhi and Census of India (GoI) from 23<sup>rd</sup> January 2015.
- Sazzad, Parwez. Presented Paper entitled "Inclusive Development via Inclusive Education: a critical analysis of Right for Education Act and Impact" in "National Seminar on RTE and Mid-Day Meal" organized by Madhya Pradesh Institute of Social Science Research, Ujjain from 25-26. March 2015.

### Invited Lectures

#### FACULTY

- Sen, Vinod. Presented a paper as a Resource Person and Chairperson to a technical session (post lunch session, 24<sup>th</sup> March 2015) in the National Seminar on "Role and Impact of Foreign Institutional Investors on Indian Economy" organised by Swami Vivekanand Govt. College, Berasia, Bhopal, M.P., from March 24<sup>th</sup> to 25<sup>th</sup>, 2015.
- Tripathi, Tulika. Delivered two lectures on Budget 2014-15 and Inclusive Growth in India at Gujarat Vidya Pith, Ahmedabad on 13<sup>th</sup> August 2014.
- Tripathi, Tulika. Delivered Lecture on Use of Regression Analysis in Social Science Research, in Aligarh Muslim University, on 16 September 2014.

- Tripathi, Tulika. Delivered Lecture on “Content Analysis”, in the 5<sup>th</sup> One Week Short Term Course on Research Methodology from 24<sup>th</sup> April – 27<sup>th</sup> April 2015, jointly organized by Knowledge Consortium of Gujarat, Ahmedabad and Gujarat Commerce College (Morning) Ahmadabad on 21st April 2015.
- Adabar, Kshamanidhi (2014) delivered a lecture on Research Methodology for Socio Economic Research at the GLS Centre for Research and Development, Gujarat Law Society, Ahmedabad, Gujarat from 2.00-3.30 PM on 22<sup>nd</sup> August 2014.

## Research Projects

### FACULTY

- Dutta, Indira. Sen Vinod. “Governance by Contract Project” Institute d’etudespolitques et internationals Geopolis, Universite de Lausanne, Switzerland,2014-15, report submitted.
- Pradhan, J.P. “Quality of Inward FDI and Economic Development: An Exploratory Analysis of India”, a study progressing under the *UGC Research Award* Scheme 2014-16. 2015.

### STUDENTS

- Worked as a field Investigator in Gujarat, project entitled “*Governance by Contract Project*” Conducted by Central University of Gujarat and Sponsored by University of Lausanne, Switzerland, 2014.

## Training Programmes/Orientation Programmes Participated/Attended

### FACULTY

- Sen, Vinod. Participated in the Four Week (93<sup>rd</sup>) Orientation Course Organized by Academic Staff College, Jawaharlal Nehru University, New Delhi, from January 27<sup>th</sup> to February 20<sup>th</sup> March 2015.
- Sen, Vinod. Participated in the South Asia Research Network (SARNET) Training Programme for Young South Asian Scholars on “Labour Economics: Theories, Methodologies and Research Issues” Organised by Institute of Human Development, New Delhi in Collaboration with International Labour Organisation, United Nations Economic and Social Commission for Asia and the Pacific (UN-ESCAP) and International Development Research Centre (IDRC), Canada (SARNET), from December 2<sup>nd</sup> to 13<sup>th</sup> 2014.
- Tripathi, Tulika participated in 104<sup>th</sup> Orientation Course held during 25-02-2015 to 24-03-2015 at Academic Staff College, Allahabad University, Allahabad.

### STUDENTS

- Kumar, Manoj. Participated in “Ten- Day workshop on Research Methodology in Social Sciences” organized by the Department of Sociology, University of Lucknow, India,(1-10 November, 2014).
- Kumar, Manoj. Participated in “National Workshop on Research Methodology’ Sponsored by University Grant Commission in Government College, Anjad, Barwani, Madhya Pradesh from 29 October to 31 October, 2014.
- Karewar, Ashutosh, Participated in Training Program on “Quantitative and Qualitative Methods in Labour Research: A Gender Perspective”, organized by V.V. Giri National Labour Institute, Noida and Mahatma Gandhi Labour Institute, Ahmedabad in December 2014.
- Karewar, Ashutosh, Participated in three day workshop on ‘Comparative Urban and regional research’ in Indian Institute of Human Settlement at Bangalore city in July 2014.

### Other Academic Achievements/Activities

#### FACULTY

- Pradhan, J. P. received the “UGC Research Award 2014-16”.
- Pradhan, J.P. became a member of the “Academic Advisory Committee”, Regional Centre, Puducherry, Institute of Social Sciences, for the academic year 2014-15.
- Tripathi, Tulika, ICSSR Nominee of Capacity Building Programme organised by Aligarh Muslim University, Aligarh, UP. 2014.

#### STUDENTS

- Shivendra Singh. First Prize in **“ESSAY COMPETITION”** at Central University of Gujarat, Gandhinagar, Gujarat, September -2014.
- Shivendra Singh. Third prize in **“CHITRA SAR”** at Central University of Gujarat, Gandhinagar Sector-30 Gandhinagar. Gujarat, September -2014.
- Shivendra Singh. Third prize in **“CHITRA LEKHAN”** at Central University of Gujarat, Gandhinagar, Gujarat, September -2014.

#### Student Awards and Recognitions

- Ashok Kumar Maurya, ICSSR Research Doctoral Fellowship 2015.
- Ankit Gupta, UGC-NET in Economics June 2014.
- Ruchi Patel, ICSSR Research Doctoral Fellowship 2015.

## Centre for Gandhian Thought and Peace Studies (CGTPS)

**Year of Establishment:** 2011

**Courses Offered:** Integrated M.Phil.-Ph.D.

**Maximum Intake:** 15

**Students in 2014-15:**

Number of Applications Received	Number of Students who Appeared for the Entrance Examination	Number of Students Admitted
114	84	13

**Gender and Social Category of Students:**

Male	Female	SC	ST	OBC	PH	KM	General
11	02	03	01	04	00	00	05

**Objectives of the Centre:**

CGTPS is an interdisciplinary teaching and research centre specializing in the practice and relevance of Gandhian philosophy and thinking in peace studies, political theory and critical philosophical traditions. Besides Gandhi's own philosophy, the Centre studies the philosophy of Gandhian thinkers and practitioners of Gandhian philosophy. The primary areas of research at the Centre include Gandhian philosophy and its critics; conflict, violence and peace and non-violent resistance movements.

**Faculty Profile:**

1) Dr. Dhananjay Rai, Coordinator and Assistant Professor

Research Interests: Cultural Theory, Political Thought, Political Theory and Political Economy.

2) Dr. Jagannatham Begari, Assistant Professor

Research Interests: Democracy, political economy of India, human rights, movements and marginality.

3) Dr. Beryl Anand, Assistant Professor

Research Interests: Political economy of conflict, democracy and social change in the Middle East

and South Asia, peace and conflict studies.

4) Smruti Ranjan Dhal, Assistant Professor

Research Interests: Gandhian Thought, Political Theory, Political Thought and Modern Indian History and Civil Disobedience in Liberal Democracy.

5) Dr. Priya Ranjan Kumar, Assistant Professor

Research Interests: Theories of International Relations, Security Regimes, Peace and Conflict Studies, Conflict Resolution, Arms Control and Disarmament and Conflicts, Peace&Security in West Asia.

## Publications

### Faculty

#### Articles in Journals

- Rai, Dhananjay. 2014. "Disappearance of the study of politics," *Economic and Political Weekly*, XLIX (31): 53-57.

#### Students (M.Phil.-PhD. Scholars):

- Haq, Inam Ul. 2014. "Torture: A Crime against Humanity," *International Journal of Peace and Conflict Studies*, 2(2): 83-86.
- Haq, Inam Ul and Dar, Muzafar Ahmad. 2014. "Human Right Violation in Kashmir". *European Academic Research*, II (7): 9230-9242.
- Haq, Inam Ul and Dar, Muzafar Ahmad (2014) "Role of Media in Development". *Golden Research Thoughts*, 4 (3) 1-5.
- Mishra, Chitta Ranjan . 2014. "Development and Displacement- A Question of Human Right: A Case Study of POSCO Project in Odisha,". In *Democracy, Governance and Tribes in the Age of Globalised India: Reality and Rhetoric* edited by Rupavath, Ramdas, 103-108. New Delhi: Gyan Publishing House.
- Mishra, Chitta Ranjan. 2015. "Gandhian Economic Model as an Alternative". In *Gandhiji, Gram Swaraj and Decentralisation: Context and Content* edited by Balan, P.P., George, Sunny, and Kunhikannan, T.P., 27-38. Kerala: Kerala Institute of Local Administration (KILA).

## Book Reviews

- Rai, Dhananjay. 2015. "Immanent and context transcending Habermas". Review of *Devincializing Habermas: Global Perspectives* by Tom Bailey (edited), *The Book Review*, May. <http://www.thebookreviewindia.org/articles/archives-4457/2015/may/5/immanent-and-context-transcending-habermas.html>
- Rai, Dhananjay. 2014. "Resistance centre stage." Review of "*Theorising resistance: Narratives in history and politics*" by Jasbir Jain, *The Book Review*, April. <http://www.thebookreviewindia.org/articles/archives-2966/2014/april/4/resistance-centre-stage.html>

## Popular Article

- Rai, Dhananjay. 2015. "Dalit Rajniti Ki Vachariki." *Sablog* 2015, January.

## Seminars and Conferences

### Faculty

- Kumar, Priya Ranjan. 2015. "Political Transition in West Asia: Role of External Powers". Presented in National Seminar themed on West Asia: Between Turbulent Present and Uncertain Future, organized by MMAJ-Academy of International Studies and Centre for West Asian Studies, Jamia Millia Islamia, New Delhi, on March 18-19.
- Kumar, Priya Ranjan. 2015. "Unfolding Dynamics of Gulf Security: Exploring India's Role in Co-partition with Saudi Arabia". Presented in National Seminar, themed on India and Saudi Arabia: Emerging Socio-cultural and Economic Dimensions, Organized by Centre for West Asian Studies, Jamia Millia Islamia, New Delhi, March 3
- Rai, Dhananjay. 2015. Chaired a session on "Mapping the Politics of Developmental and Democracy." DCRC National Social Science Researchers' Colloquium 2015 On Researching the Contemporary, India, organised by Developing Countries Research Centre (drcr), University of Delhi, April 16- 17.
- Rai, Dhananjay. 2015. Participation in Symposium on "*Secularism, Identity and Enchantment*," organised by The Forum on Contemporary Theory, Vadodara, January 10.
- Rai, Dhananjay. 2014. "Gandhi and Politics." An Invited Lecture at Plenary Session Presentation for Youth Civic Engagement in India: Interdisciplinary Perspectives, A National Seminar Organised by UGC funded HDFS-Human Rights Education (HRE) Program at the Department of HDFS, Faculty of Family &Community Sciences, the M. S. University of Baroda, September 17-19.
- Rai, Dhananjay. 2014. "Dalit representation in Popular Hindi Cinema: In Search of a Perspective," Paper presented at Creative Theory Colloquium 2014, organised by Foundation for Creative Social Research and India International Centre, September 5- 6 , Indian International Centre, New Delhi.
- Rai, Dhananjay. 2014. "Epistemology of Political Science: Issues and Challenges". Presented at seminar on Bharatiya Bhashaon mein Rajnitik Chintan ki Sambhavana : Shodh, vimarsh aur behas, organised by Nehru Memorial Museum and Library, August 7-8, 2014, Nehru Memorial Museum and Library, New Delhi.

### Students (M.Phil.-PhD. Scholars):

- Dar, Muzafar Ahmad . 2014. "Role of Azad in Modernizing Education System of India". Presented at International Conference on "Visions of Indian modernity and Maulana Abul Kalam Azad" organized by Maulana Abul Kalam Azad Institute of Asian Studies Kolkata, November 11-12.
- Dar, Muzafar Ahmad. 2014. Participated in the Poster Competition on the theme "Right of Peoples to Peace" organized by School of International Studies, Central University of Gujarat and Universal Peace Federation of India in Collaboration with United Nations Information Centre for India and Bhutan on September 21.

- Haq, Inam Ul . 2014. “Role of Azad in Modernizing Education system in India”. Presented at
- International conference sponsored by Maulana Abul Kalam Azad institute of Asian studies (MAKAIAS), November, 11-12.
- Mishra, Chitta Ranjan. 2015. “Development and Democratic Movement in India: A Case study of POSCO Project in Odisha”. Presented at the Annual International Studies Convention, 2015 (AISC) on *Power, Resistance and Justice in the International System: Perspectives from the South*, March 22-23.
- Mishra, Chitta Ranjan . 2014. “Gandhian Economic Model and its Relevance in Modern Era: In Context to the Sustainable Development”. Presented at 35th Annual Conference of Rajasthan Economic Association on *Recent Advancements in Economics - Theories and Practices* organised by Central University of Rajasthan, January, 23-25.
- Mishra, Chitta Ranjan. 2014. Participated in the UGC sponsored three days National Symposium on *Globalisation, Economic Democracy and Gandhi*, organised by Smt. Chandhibai Himathmal Mansukhani College, Ulhasnagar, Mumbai, Maharashtra, December 11-13.
- Mishra, Chitta Ranjan . 2014. “The Gandhian Development Model is an Alternative Model for the Economic Development”. Presented at the three days International Conference on Gandhi, Gram Swaraj and Democratic Decentralisation, organised jointly by South Asia School of Local Governance- Kerala Institute of Local Administration (KILA) and RC 10 International Sociological Association, November, 27-29.
- Patel, Nirav. 2014. “Gandhi Education and Swaraj” Presented at KILA-International Conference - *Gandhi, Gram Swaraj and Decentralisation*, November 27-29. Thrissur. Kerala
- Patel, Nirav. 2015. “Educational Ideas and Rights Based Development”. Presented at International Conference on *Deepening Democracy through Participatory Local Governance -Local Governments and Rights-Based Development*, 15-17 May 15-17, Thiruvananthapuram. Kerala.

## Events of the Centre/Special Centre/School related to Conferences/ Workshops etc. organised by the Centre

- Visit of delegates from the China Institutes of Contemporary International Relations (CICIR), Beijing, China to the Central University of Gujarat on the invitation of Centre for Gandhian Thought and Peace Studies, School of Social Sciences, Central University of Gujarat on June 3, 2014.



### CGTPS Lecture Series:

The Centre has also started a Lecture series. Dr. Priya Ranjan Kumar was the first coordinator of the Lecture series (Monsoon Semester 2014) . Dr. B. Jagannatham was the second coordinator (Winter Semester, 2015). Mr. Smruti Ranjan Dhal is the third coordinator for monsoon semester 2015. The following presentations took place:

- Dr. Dhananjay Rai, *Gandhi and Political Community: Unexplored Metaphors in Hind Swaraj*, March 16, 2015.
- Dr. Priya Ranjan Kumar, *Conflicts and Political Transition in West Asia: Role of External Powers* , April 1, 2015.

### Distinguished Lectures

- A lecture by Prof. Ashwini K. Mohapatra ( Jawaharlal Nehru University, on April 02, 2014) on *Significance of Peace and Conflict Studies in Social Sciences*.
- A distinguished lecture by Dr. Manindra Nath Thakur (Jawaharlal Nehru University, on April 04, 2014) on *Indian Political Thought A Creative Theory Perspective*
- A distinguished lecture by Prof. Manoranjan Mohanty (Council for Social Development & University of Delhi, on April 04, 2014) on *Global Emergence of Creative Theory A Social Science Perspective*.
- Two distinguished Lectures by Prof. Anupama Roy (Jawaharlal Nehru University, on April 25, 2014) on *Landscapes of Citizenship*, and *Incremental Memories and Gendered Violence*
- A lecture by Dr. Atulan Guha ( Institute of Rural Management Anand, Anand, Gujarat Monday, November 24) on *Link Between Food Price Inflation and Rural Wage Increase*
- A lecture by Dr. Sadan Jha (Centre for Social Studies, Surat, on February 23, 2015) on *Words and Images: problems and perspectives in the history of visuality in India*
- A lecture by Dr. Sanjeev Kumar (Delhi University, on February 24, 2015) on *Democracy and Citizenship*
- A lecture by Dr. Keshav Kumar (Department of Philosophy, Pondicherry University, Puducherry, on November 13, 2014) on *Indian Political Philosophy: M. K. Gandhi and B.R. Ambedkar*
- A distinguished Lecture by Prof. Gopal Guru (Jawaharlal Nehru University, on November 17, 2015) on *Doing Theory*
- A distinguished lecture by Dr. Satish Jha ( Delhi University , on November 17, 2015 )  
*Gandhi in Contemporary India: A Creative Theory Engagement*



*Prof. Prabhat Patnaik with the Chancellor, the faculty and students*



*Prof. Anupama Roy at a lecture on citizenship*



*Prof. Gopal Guru with faculty and students of the Centre*

## School of Language, Literature & Culture Studies

The School of Language, Literature and Culture Studies (SL LCS) comprises of six Centres and offers the following programmes of study:

Centre Name	Nature of the Programme	Name of the Programme
Centre for German Studies	Integrated M. A. (5 Years)	M.A. in German Studies
Centre for Studies in Chinese Language and Culture	Integrated M. A. (5 Years)	M.A. in Chinese Language and Culture
Centre for English Studies	M.A. (2 Years)	M.A. in English
Centre for Comparative Literature and Translation Studies	Integrated M. Phil.-Ph. D.	M.Phil-Ph.D. in Comparative Literature
Centre for Hindi Language and Literature	Integrated M. Phil.-Ph. D.	M.Phil-Ph.D. in Hindi Language and Literature
Centre for Study of Diaspora	Integrated M. Phil.-Ph. D.	M.Phil-Ph.D. in Diaspora Studies

SL LCS has been set up to impart core competence in languages, both Indian and foreign, and study literatures of various societies in a comparative context with an eye to their contribution to the knowledge systems of the world. While art and aesthetics will occupy positions of importance in the pursuit of literary studies, literary texts will also be used to study issues of gender, caste, race and processes of exclusion and marginalization in society. Interdisciplinary studies of literatures will enable students to comprehend complex philosophical and psychological problems related to contemporary societies.

The School offers courses on Indian languages and their literary traditions. Comparative study of literatures and Translation studies will form prime areas of research studies in the School. In the course of time the School intends to introduce courses in Culture Studies that will include academic programmes in Performance Studies, Media Studies and Film Studies.

All the programmes in the School follow Choice Based Credit System. Students are encouraged to audit courses outside their core subject areas in order to cultivate interdisciplinary approach to the study of literature, language and culture.

Salient features of different Centres of the SLLCS are as below:

### **Centre for German Studies (CGS)**

**Year of Establishment:** 2011

**Courses Offered:** Integrated M.A. (5 years)

**Maximum Intake:** 20

**Students in 2014-15:**

<b>Number of Applications Received</b>	<b>Number of Students who Appeared for Entrance Examinations</b>	<b>Number of Students Admitted</b>
124	82	21

**Gender and Social Category of Students:**

<b>Male</b>	<b>Female</b>	<b>SC</b>	<b>ST</b>	<b>OBC</b>	<b>PH</b>	<b>KM</b>	<b>General</b>
14	04	06	00	11	00	00	04

**Objectives of the Centre:**

CGS started with the objective of expanding knowledge, learning and research on German language 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 Germany and train them in the skills of writing, reading, comprehension and speaking in German language. Allied courses are also offered to students for furthering their interests in interdisciplinary research areas like translation studies, culture studies, literary theory, etc. The Centre emphasizes student-centric interactive learning that allows students enough space for their personal development.

## **Faculty Profile:**

1) Vinai Kumar Donthula, Coordinator and Assistant Professor

Research Interests: Teaching German as a Foreign Language, Linguistics and Translation.

2) Anushka Gokhale, Assistant Professor

Research Interests: Travel writing, Indo-German cultural contacts, and popular fiction.

3) Roshan Lal Jahel, Assistant Professor

Research Interests: German Literature, German as Foreign Language, German cinema.

## **Publications**

### **Faculty**

#### **Chapters in Books**

- Donthula, Vinai Kumar (2014) “German Translation Tradition” in the book titled *Studies in Literature and Translation* published by Lakshi Publishers, New Delhi. ISBN: 978-93-82120-44-5.

#### **Distinguished Lectures**

The Centre organized another 5 day series of distinguished lectures by Prof. Dr. V. Ganeshan on varied topics like German culture, German language teaching in the USA, Time Management, Student-Teacher relation, How to prepare for examinations etc. Prof. Ganeshan has rich experience in training teachers of German and English at CIEFL, Hyderabad. Presently he is “Visiting Lecturer in German” at Georgia State University in Atlanta, USA.

## **Centre for Chinese Language and Culture (CCLC)**

**Year of Establishment:** 2011

**Courses Offered:** Integrated M.A. (5 years)

**Maximum Intake:** 20

**Students in 2014-15:**

<b>Number of Applications Received</b>	<b>Number of Students who Appeared for Entrance Examinations</b>	<b>Number of Students Admitted</b>
63	27	15

**Gender and Social Category of Students:**

<b>Male</b>	<b>Female</b>	<b>SC</b>	<b>ST</b>	<b>OBC</b>	<b>PH</b>	<b>KM</b>	<b>General</b>
14	04	06	00	11	00	00	04

**Objectives of the Centre:**

The courses of the CCLC are structured with a view to familiarize students with the language, literature, culture and other aspects of emerging China. The main focus is to develop students' critical thinking and analytical skills in the Chinese language by training them in the skills of reading, writing, listening, communication and translation which in turn facilitates students to pursue their academic, research and professional career. The Centre emphasizes multi-sensory learning through the use of audio and visual presentation and learning through practices. The students who join the course will find job opportunities in a large number of fields from teaching to corporate jobs.

**Faculty Profile:**

1) Prabhat Kumar, Coordinator and Assistant Professor

Research Interests: Chinese Language, Literature, Culture; Chinese History; Chinese Media & Society; Translation & Interpretation

2) Swati Mishra, Assistant Professor

Research Interests: State and Society in China

**Distinguished Lecture**

- A distinguished lecture on “Buddhism, Confucianism and Chinese Culture” delivered by Professor Jia Haitao (Professor of Political Science and International Relations & Chairperson, China –India Comparative Study Research Centre, Jinan University) on 26<sup>th</sup> November, 2014.

## Centre for English Studies (CES)

Year of Establishment: 2010

Courses Offered: M.A. in English (2 years)

Maximum Intake: 25

Students in 2014-15:

Number of Applications Received	Number of Students who Appeared for Entrance Examinations	Number of Students Admitted
38	28	15

Gender and Social Category of Students:

Male	Female	SC	ST	OBC	PH	KM	General	International
03	12	02	01	03	00	00	08	01

**Objectives of the Centre:**

CES proposes to cover changing contours of disciplinary enquiry of English Studies through the thematic analysis of different modes and discourses in mainstream English literature and allied areas such as English language teaching, Indian writing in English, American literature, and new literatures in English translation. Its syllabus also includes topics such as European classics, literary theory, film and fiction, and comparative literature. In addition to studying canonical texts in the core Indian/British/ European literature, students get to choose from a number of optional courses in thrust areas such as translation studies, culture studies, post-colonial studies, and literary theory. Skills and tools imparted at CES prepare students for a large area of specializations such as journalism, editing, publishing, and media, in addition to teaching and related academic fields.

**Faculty Profile:**

1) Prof. Rachel Bari, Professor (On Deputation)

Research Interests: Gender and Women's Studies, South Asian women's Writing, American Literature and Indian Writing in English and in Translation

1) Atanu Bhattacharya, Chairperson and Associate Professor

Research Interests: English Language Studies, Cultural Studies, Multimodal Practices

2) Ishmeet Kaur, Assistant Professor

Research Interests: Australian Literature, Post-colonial Studies and Translation.

3) Dhara Chotai, Assistant Professor

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

4) Anupama A., Assistant Professor (on contract)

Research Interests: 20<sup>th</sup> Century American Literature, Modernism, Editorial Theory, Literary History and Psychoanalysis.

## Faculty Publications

### *Books*

- Bari, Rachel (ed.) (2015) *Visualization of Women in Media, Literature and Science*, Prasaranga, Kuvempu University, ISBN: 978-93-83985-00-5
- Bari, Rachel (ed.) (2014) *Mabile Mathu Malenadu* (Kannada), Prasaranga, Kuvempu University. ISBN: 978-93-83985-02-9
- Bari, Rachel (ed.) (2014) *Taarunyada Tallanagallu: Prashnotharagalu* (Kannada), Prasaranga, Kuvempu University. ISBN: 978-93-83985-05-0
- Kaur, Ishmeet (trans.) (2014) *Guje Bhet: Supneyaan tu Baad- A.D. 1887-1961 (Leane, Jeanine. Dark Secret: After Dreaming A.D. 1887 – 1961)*. SEA, Patiala. ISBN: 978-93-84789-02-2

### *Chapters in Books/Conference Proceedings*

- Bari, Rachel (2014) “L’ Ecriture Feminine: Writing from the Margins” in *Discoursing Minority: In-Text and Co- Text* Anisur Rehman, et al. (eds.), Rawat Publications, Jaipur.
- Bari, Rachel (2014) “Her Story: Nayantara Sahgal’s Prison and Chocolate Cake” *Contemporary Women’s Writing in India*, Varun Gulati and Mythili Anoop (eds.), Lexington Books, New York, London.

- Kaur, Ishmeet (2014) “Establishing a Connection: Resonances in *Guru Granth Sahib* and Works of Patrick White” in *Patrick White Centenary: The Legacy of a Prodigal Son*. Cynthia Vanden Driesen and Bill Ashcroft (eds.). Cambridge Scholars Publishing, Cambridge.

### *Journal Articles:*

- Bari, S.A. and Rachel Bari (2014) “Minority Stereotypes in Indian Context: Yesterday, Today and Tomorrow (i & i) *International Journal of Ideas and Ideologies*, Vol 2 Issue 6 (June) ISSN: 2320 7744
- Bari, Rachel (2014) “Thinking Gender and Gendering” (i & i) *International Journal of Ideas and Ideologies* Vol. 2 Issue 7 (September) ISSN: 2320 7744
- Bhattacharya, Atanu (2015) “Reading Skills: Is it Required for Technical Education?” *International Journal of Humanities in Technical Education* 1/1: 82-90 ISSN: 2394-7888
- Bhattacharya, Atanu and Hiradhar, P. (2014) “Own Maps/ Imagined Terrain: Emergence of Science Fiction in India” *Extrapolation* 55/3: 277-297 doi:10.3828/extr.2014.16. Print ISSN: 0014-5483; Online ISSN: 2047-7708
- Kaur, Ishmeet (2014) “Globalisation, Universalism and the Notion of “Sarbat Ka Bhalla” in Sikhism”. *Abstracts of Sikh Studies*. Vol XVI, Issue 2: 15-21 (April- June)

### *Creative Writing*

- Kaur, Ishmeet (2014) “Bingo Comes Home” *Magic Pot Magazine* (October 15, 2014)

### *Book Reviews*

- Bhattacharya, Atanu (2014). Review of *ICTs and Development: A Study of Telecentres in Rural India*, by Maitrayee Mukerji (2013, Palgrave MacMillan, London). *International Journal of Rural Management*, 10/1: 87-89. doi: 10.1177/0973005214526500

### **Conference Participation/ Presentations/ Invited Lectures**

- Bari, Rachel. 1-4 March, 2015. Chaired a session on “Cultural Formations of South Asia”, *XII CLAI Biennial International Conference on Culture, Arts and Socio-political Movements in South Asia: Comparative Perspectives*, University Of Rajasthan, Jaipur
- Bhattacharya, Atanu. 17 March, 2015. ‘Structuralism and Poststructuralism’, *Short term course on Research Methodology in Literature*, Knowledge Consortium of Gujarat, Ahmedabad, Gujarat
- Bhattacharya, Atanu. 22-24 January, 2015. Invited Lectures on ‘ELT, Language through Literature, and Evaluation Methods’, Department of English, M.K. Bhavnagar University, Bhavnagar, Gujarat

- Bhattacharya, Atanu. 30-31 January, 2015. Plenary, ‘The Digital Rhizome: Negotiating Pedagogy’, *National Conference on Contemporary Practices in Language, Literature and Education: Indian Perspective*, Waymade College of Education, Vallabh Vidyanagar, Gujarat
- Bhattacharya, Atanu. 13 December, 2014. *Faculty Development Programme*, Marwadi Education Foundation, Rajkot, Gujarat, India
- Bhattacharya, Atanu. 06 September, 2014. Invited Lecture on ‘21<sup>st</sup>-century skills and Technical Students’, Government Engineering College, Gandhinagar, Gujarat
- Kaur, Ishmeet. September 29-30, 2014. Invited Lecture on “Interaction of Languages and the Cultural Exchange: Translating Jeanine Leane’s *The Dark Secrets: After Dreaming (A D) 1887-1961* from English into Punjabi” in a two-day International Symposium *After Dreaming: Australian Indigenous Literature* Symposium, Department of Studies in English, University of Mysore in collaboration with Australian Council for the Arts
- Kaur, Ishmeet. 19 March, 2015. Invited Lectures on “Women Writing” and “Autobiography”, *Short Term Course on Research Methodology in Literature*, Knowledge Consortium of Gujarat, Ahmedabad, Gujarat
- Kaur, Ishmeet. 9<sup>th</sup> March, 2015. Invited Lecture on “Interpersonal Skills” to students of BBA at BBPIBM, Gandhinagar
- Kaur, Ishmeet. 28th Oct, 2014. Invited Lecture on “Research Methods: Proposal Writing” to Research Students at University of Advanced Research, Gandhinagar
- Chotāi, Dhārā. 29-30 January, 2015. Participated in a two-day *National Workshop on “Research methodology and Academic Writing”*, Information and Library Network (INFLIBNET) Centre, Gandhinagar
- Chotāi, Dhārā. 14-16 March, 2015. “The Idea of Region and History: A. K. Forbes’ *Ras Mala*”, *UGC International Conference on “Of the Indian: Literary Constructs and Responses – Late Nineteenth and Early Twentieth Century British Literary Works”*, Department of English & CLS and its Alumni Association, Saurashtra University, Rajkot
- Chotāi, Dhārā. 16-22 March, 2015. “Colonialism : *Mask of Conquest* by Gauri Vishwanathan”, Resource Person, *Short Term Course on Research Methodology*, Knowledge Consortium of Gujarat, Ahmedabad, and Gujarat Arts & Commerce College, Ahmedabad

## Invited Speakers

- 21 January, 2015. A talk on “Revisiting Harlem Renaissance” by Prof Amritjit Singh, Ohio University, U.S.A

## Co-curricular activities

- Bhattacharya, Atanu. 26 October, 2014. Member, Research Development Committee, Department of Linguistics, Gujarat University.
- Bhattacharya, Atanu. 23 September, 2014. Member, Selection Committee for Research Proposal Presentation for PhD, Gujarat Technological University, Ahmedabad, Gujarat
- Chotāi, Dhārā. 21-27 March, 2015. Invited as the UGC Visiting Fellow under the ‘UGC Visiting Fellow Scheme’ by the Department of English and CLS, Saurashtra University, Rajkot
- A., Anupama. 13 March, 2015. Organized an “Introductory Workshop on Enhancing Reading Skills” for Semester III students of M.A. in English, CES.

## Centre for Comparative Literature and Translation Studies (CCLTS)

**Year of Establishment:** 2009

**Courses Offered:** Integrated M.Phil.-Ph.D.

**Maximum Intake:** 15

**Students in 2014-15:**

<b>Number of Applications Received</b>	<b>Number of Students who Appeared for Entrance Examinations</b>	<b>Number of Students Admitted</b>
92	71	15

**Gender and Social Category of Students:**

<b>Male</b>	<b>Female</b>	<b>SC</b>	<b>ST</b>	<b>OBC</b>	<b>PH</b>	<b>KM</b>	<b>General</b>
07	08	03	02	04	00	00	06

### **Objectives of the Centre:**

CCLTS focuses on an interdisciplinary area of studies covering the core subjects of thematology, genealogy, literary history, literary influence, reception, and related fields of performance studies, theatre studies, film studies, etc. Its teaching and research emphasis go beyond mere comparative study of texts to explore issues of nation, caste, race, gender, region and culture which are of great relevance to a multi-lingual society like India. Students are exposed to the fundamental concepts, analytical tools and skills in the literary and critical theories from a historical perspective. Translation studies, as an integral part of the syllabus, aims to introduce students to the larger cultural process of linguistic transfer involving mobility of concepts, forms and texts across time and space. A student is allowed to translate a text with a critical introduction instead of writing a dissertation. Film Studies and Gender Studies also constitute interesting areas of research for students. Additionally, the Centre places an emphasis on interactive teaching and student-centric activities. There is a film club and also a research forum that allow students to take initiative in the sharing of knowledge.

### **Faculty Profile:**

1) Dr. Balaji Ranganathan, Associate Professor

Research Interests : Psychoanalysis and 19 century Indian political discourse, archaeology and numismatic studies of early India, development of early and medieval Indian bronzes.

2) Ms. Zarana Maheshwari, Assistant Professor

Research Interests: Translation studies and practice, travel writing, colonial literature, public sphere.

3) Dr. Zakia Firdaus, Assistant Professor

Research Interests: North American Nativefiction; Canadian Literature; Gender Studies; Post-Colonial Literature; Indian Writing in English.

4) Ms. Niveditha Kalarikkal, Assistant Professor

Research Interests: Translation Studies and History of Print in Kerala.

5) Dr. Urmila Bhirdikar, Assistant Professor (on contract)

Research Interests: Translation studies and practice, gender and sexuality, performance studies and narrative and literary theory.

## Publications

- Firdaus, Zakia .(2014) History, Time and Memory in Qurratullain Hyder’s Novel *River Of Fire*, *International Journal of Business, Management and Social Sciences* Volume II ,Issue 6 (May) p116-118.

## Conference Participation and Paper Presentation:

- Ranganathan, Balaji. (2014) ‘Reading the Colonial Children: Kipling and the Child within the Colonial Other’, Paper presented at the UGC National Seminar titled Childrens Literature in India :Trends and Challenges organised by the Oriental Institute, the M.S. University of Baroda, Vadodara. 5<sup>th</sup> December, 2014.
- Ranganathan, Balaji. (2015) Empire, Espionage and the Imperial Dialectic in Kim, Paper presented at the UGC International Conference titled ‘Of the Indian: Literary Constructs and Responses: late Nineteenth and Early Twentieth Century British Literary Works’ , organised by the Department of English& CLS, Saurashtra University Rajkot. 14<sup>th</sup> -16<sup>th</sup> March, 2015.
- Ranganathan, Balaji chaired a session at the UGC International Conference titled ‘Of the Indian: Literary Constructs and Responses: late Nineteenth and Early Twentieth Century British Literary Works’ , organised by the Department of English& CLS, Saurashtra University Rajkot. 14<sup>th</sup> -16<sup>th</sup> March, 2015.
- Ranganathan, Balaji. (2015) ‘ Western Indian Pictorial Traditions in Bihirilal’s Satsai and the Ragmala in the Context of Vaishnavism: A Comparative Study, Paper presented at the XIIth CLAI International Conference titled, Culture, Arts and Socio-Political Movements in south Asia: Comparative Perspectives organised by the Center for Rajasthan Studies and the Department of Persian and Urdu, University of Rajasthan, Jaipur. 1<sup>st</sup> -4<sup>th</sup> March, 2015.
- Ranganathan, Balaji. Chaired a session at the XIIth CLAI International Conference titled, Culture, Arts and Socio-Political Movements in south Asia: Comparative Perspectives organised by the Center for Rajasthan Studies and the Department of Persian and Urdu, University of Rajasthan, Jaipur. 1<sup>st</sup> -4<sup>th</sup> March, 2015.
- Ranganathan, Balaji. (2015) ‘Satsai: The Text and Community Formations in Western India, Paper presented at the seminar titled Interrogating Manuscript Traditions organised by Ambedkar University, Delhi, 24<sup>th</sup> -25<sup>th</sup> March, 2015.
- Ranganathan, Balaji. ‘ Rethinking Jati: The Argumentative Traditions and India’, Paper presented at the National seminar titled ‘Theory Today: jati, Janjati and Janasampad’

organised by the Shillong Campus of the English and Foreign Languages University, Shillong. 8<sup>th</sup>-9<sup>th</sup> August, 2014.

- Kalarikkal, Niveditha. 2014. “Negotiating differences: Native Literary Journals and the Discourse of Reform in Colonial Kerala.” Paper Presented at the national seminar on Translation: Critical Theories and Critical Practices, Centre for Applied Linguistics and Translation Studies, University of Hyderabad, Hyderabad, April 21-22.
- Kalarikkal, Niveditha. 2014. Chaired a Session titled Translation and Adaptation at the Researchers at Work Conference (RAW.CON-2014), Centre for Comparative Literature, University of Hyderabad, Hyderabad, September 10-12.
- Maheshwari, Zarna. (2015) ‘Interiority Desire and Modern Subjectivity: a Comparative Study of O Chandu Menon’s Indulekha and Govardhanram Tripathi’s Sarasvatichandra in the international conference “Culture, Arts and Socio-Political Movements in South Asia: Comparative Perspectives’ . Paper Presented at the international conference “Culture, Arts and Socio-Political Movements in South Asia: Comparative Perspectives” organised by Centre for Rajasthan Studies and Department of Urdu and Persian, University of Rajasthan Jaipur from March 1-4.
- Bhirdikar, Urmila. (2015) “Satish Alekaranchya Natakatil Stri-purush Sambadh” Paper Presented in Marathi in the 3 day National Conference on Natakakar Satish Alekar organized by the Department of Marathi, Savitribai Phule Pune University, January 29-31.
- Bhirdikar, Urmila. (2015) “Mansur and Music in Maharashtra”, invited paper presentation in “Vasantotsav Vimarsh: A Conference on Some Current Issues in Music” organized by Vasanttrao Deshpande Memorial Association, Pune, January 15.

### **Other Activities**

- Firdaus, Zakia. ( 2014) Conducted a workshop on Remedial English Programme on 10 April , 2014, at CUG, Gandhinagar.
- Bhirdikar, Urmila. (2015) “Translation and Colonial-Modern Marathi theatre” lecture as resource person in the Translating Cultures: One Day Symposium organized by the Department of English, University of Mumbai, March 20.
- Bhirdikar, Urmila. (2014) A Short Term Teaching Assignment of the course “Introduction to Tragedy”, at the National Institute of Design, Ahmedabad, December, 12-18.

## Centre for Hindi Language and Literature (CHLL)

**Year of Establishment:** 2011

**Courses Offered:** Integrated M.Phil.-Ph.D.

**Maximum Intake:** 15

**Students in 2014-15:**

<b>Number of Applications Received</b>	<b>Number of Students who Appeared for Entrance Examinations</b>	<b>Number of Students Admitted</b>
135	108	14

**Gender and Social Category of Students:**

<b>Male</b>	<b>Female</b>	<b>SC</b>	<b>ST</b>	<b>OBC</b>	<b>PH</b>	<b>KM</b>	<b>General</b>
12	02	02	01	07	00	00	04

**Objectives of the Centre:**

CHLL is focused on promoting Hindi literature and language and provides an entry into the history and culture of India. The emphasis is on the role of Hindi as a bridge between sub-national cultures in a multilingual and multicultural country like India and its contribution towards the creation of the composite culture of India. The Centre places special emphasis on creating opportunities for marginalized groups in studying Hindi and seeks to bring into focus the extremely rich oral and tribal literature in Hindi-speaking regions of India. Its syllabus incorporates the most recent developments in women's writing, dalit literature and literary theory. Students are also introduced to the trends in literature in other languages in India to gain a comprehensive view of Indian literatures as a whole. In close collaboration with the other Centres in the School, the Centre adopts an interdisciplinary approach to the study of language and society, incorporating topics related to translation studies, culture studies, film studies and media studies.

## Faculty Profile:

1). डॉ .आलोकगुप्त, प्रोफेसरएवंडीन

**शोधरुचि / विशेषज्ञता:** भारतीयसाहित्य, तुलनात्मकसाहित्य, आधुनिकहिंदीसाहित्यएवंअनुवादविज्ञान

2). डॉ .संजीवकुमारदुबे, अध्यक्षएवंएसोसिएटप्रोफेसर

**शोधरुचि / विशेषज्ञता:** समकालीनहिन्दीकथासाहित्य, आधुनिककविता,  
प्रयोजनमूलकहिन्दीएवंमीडियाअध्ययन

3). डॉ .किंगसनपटेल, असिस्टेंटप्रोफेसर

**शोधरुचि / विशेषज्ञता:** समकालीनकथासाहित्य, प्रेमचंद, मोहनराकेश, दलितऔरस्त्रीविमर्श

4). डॉ .प्रमोदकुमारतिवारी, असिस्टेंटप्रोफेसर

**शोधरुचि / विशेषज्ञता:** भाषा,लोकसाहित्य,अंतरानुशासनात्मकअध्ययन,शिक्षा, आधुनिककविता

5). डॉ .गजेन्द्रकुमारमीणा, असिस्टेंटप्रोफेसर

**शोधरुचि / विशेषज्ञता:** स्वातंत्र्योत्तरकविताऔरआदिवासीसाहित्य

## Publications

### Chapters in Edited Volumes

- Patel, Kingson Singh (2015), 'Vimarsh Aur Dalit Stree', In *Yathasthiti Se Takrate Huye : Dalit Stree Jivan Se Judee Aalochana*, Anita Bharti, Bajrang Bihari Tiwari, (ed.), Samyak Prakashan: Delhi, pp 155-168.

## Journal Articles

- Dubey, Sanjeev Kumar, (2014) Hindu Sampradayikta aur Hindi Upanyas, *Pragatisheel Vasudha* – 95 (Bhopal), ISSN No.- 2231-0460
- Dubey, Sanjeev Kumar, (2015) Sampradayik sadbhav ke Sipahi: Bhisma Sahani, *Akshar parv* – June 2015 (New Delhi) ISSN No.2278- 9766
- Dubey, Sanjeev Kumar, (2015) Bhisma sahani : Hashiye ka Hamdard, *Ummeed* (New Delhi) ISSN No.2347-5803 (Accepted for publication)
- Patel, Kingson Singh (2014) 'Pitrasatta Aur Purush: Pnarvichar', *Kathadesh*, pp 56-59

- Patel, Kingson Singh (2014) ‘Anuvad : Bhavnatmak Kala Bnam Pryoynamak Karm’ , *Anuvad*, pp 28-31, ISSN- 0003-6218
- Patel, Kingson Singh (2014) ‘ Stree Adhikaron Ka Sangharsh : Bhartiya Sandarbh’, *Vitasta*, pp 142-156, ISSN- 0975-6663
- Patel, Kingson Singh (2014) ‘Bhakti Kavya mein Kavyitriyan’, *Pratishirshak*, pp 32-46
- Tiwari, Pramod Kumar (2014). ‘Vrihattar ke durlabh sadhakKunwar Narain’, *Poorvagrah*, pp 169-175.

## Conference/Workshop/Invited Lectures Participation

### Invited Lectures

- Gupta, Alok Kumar, (2014) Rashtriya Sangosthi, Kala Sanrachana Aur Hindi Aalochana, Swantryotar Hindi PremKahani- PrapatraPathan, 12-13, November 2014.
- Gupta, Alok Kumar, (2015) Sahitya Akademi, Jayshankar Prasad Rashtriya Sangosthi, Sahitya Akademi Sabhagar, Pratam Tal, Ravindra Bhavan, 35, Firojshah Marg, New Delhi-110 001, 3-4 February, 2015.
- Gupta, Alok Kumar, (2015) Dwidivasiya Rashtryia Sangosthi, Gujarat Arts and Commerce College (Sayan), Ahmedabad evam Kendriya Hindi Sansthan, Agra, (Manav Sasadhan Vikas Mantralaya, Bharat Sarkar) ke Sanyukt Tatvadhan me ayojit ‘Anuvad: Siddhant aur Vyavhar’ , 9-10 March, 2015.
- Gupta, Alok Kumar, (2015) Hindi Sahitya Sammelan, Prayag, 67 van Adhivention evam Parisanvad Bhuj , Kachchha, Gujarat, Hindi SahityaSammelan, Prayag,Allahabad, 13-15 March, 2015.
- Gupta, Alok Kumar, (2014) Hindi to Gujarati Translation, K.La. Swadhyayamandir Gujarati Sahitya Parishad, Ahmedabad. 01.08.14
- Dubey, Sanjeev Kumar (2014), September 15, as a Chief Guest delivered a lecture on ‘Rajbhasha Hindi ki Semayen aur Sambhavnayen’ in a Hindi week programme organised by National Institute of Pharmaceutical Education and Research, Ahmedabad.
- Dubey, Sanjeev Kumar (2015), 07 and 13 June, delivered a Guest lecture on ‘The use of ICT in Hindi Teaching’ and ‘The importance of Guidance and Counseling in education’ in ‘In-service Course of Post Graduate Teachers (Hindi)’ organized by Kendriy Vidyalay Sangathan.
- Tiwari, Pramod Kumar. (20-21 October 2014) *Aalochna ki Rachnatmakta ki Talaash (Sandarbh : Kedarnath Singh)* Invited lecture delivered in two day National Seminar titled “Samkaleen Hindi Kavita aur Kedarnath Singh” organized by Hindi Department, Hyderabad Central University, Hyderabad
- Tiwari, Pramod Kumar. (10 December 2014), *Manvadbikar, Jeevanadbikar, Bhogadbikar aur Hum*, organized by Progressive Foundation of Human Rights, Mumbai
- Tiwari, Pramod Kumar. (19 November 2014) *Kisan Jeevan Ki Mahagatha-Godaan*, Invited talks delivered in Sandhan Lectures (Knowledge Consortium of Gujarat) Gandhinagar.

## Conference Participation

- Gupta, Alok Kumar, (2014) Akhil Bhartiya Rajbhasha Sangishthi ,Visakhapattnam, Organized by MHRD, 22-23 May,2014
- Dubey, Sanjeev Kumar (2014), December 12-13, presented paper on ‘Ram aur Krishna Katha : Kala Sandarbh’ in an International Seminar titled ‘Ram aur Krishna Bhakti Sahitya ke sarvabhaumikta’ organised by KES’s Shrof College, Mumbai (Affiliated to University of Mumbai).
- Dubey, Sanjeev Kumar (2014), August 09, Presented a paper on ‘Kavi Pradip ke Giton me Prem Samvedana’ in National Seminar titled ‘Rashtriya Asmita ke Deep: Kavi Pradip’ organized by R.J.College, Mumbai (Affiliated to University of Mumbai).
- Dubey, Sanjeev kumar (2014), July 18-19 , Presented a paper on ‘Bhavani Prasad Mishra ki Prem Kavitaen’ in National Seminar titled ‘Bavani Prasad Mishra: Rachnashilata ke Vividh aayam’ organized by Birla College, Kalyan, Mumbai ( Affiliated to University of Mumbai ).
- Dubey, Sanjeev Kumar (2015) April 05, as a keynote speaker delivered a lecture on ‘Bhishma Sahani ke Katha sarokar’ in National Seminar organised by Chhattisgarh Pradesh Hindi Sahitya Sammelan, Raipur.
- Patel, Kingson Singh (2013) ‘Visthapan Ka Samajik-Rajnaitik Paksha’ pradeshik Conference on ‘Vithapan Aur Sanskritik Vilopan’ Organized by Mahadev Desai Gramseva Mahavidhalaya, University of Gujarat Vidyapeeth, 21 March 2015
- Tiwari, Pramod Kumar (2015), *Erasing Differences: The Inescapable Kabir Across Languages*, Indraprastha College For Women, University of Delhi, 2-4 March 2015
- Tiwari, Pramod Kumar (2015), *Ravidaas Banaam Raidaas ke Mulyankan Ki Samasyaen*. CIL,SLL&CS, Jawaharlal Nehru University, 23-24 February 2015
- Meena, Gajendra Kumar, (10-11 January, 2015) Ekkisveen Sadi ke Hindi Upanyason men Adivasi Asmita presented a paper in International seminar organised by Jainarain Vyas University Jodhpur, Rajasthan.

## Invited Lectures in Refresher Courses

- Gupta, Alok Kumar, (2015) Refresher Course in Hindi ,Dr.Babasaheb Ambedkar Marathwada University, UGC-Academic Staff College, Aurangabad, 16-17 January, 2015.
- Gupta, Alok Kumar, (2014) 27<sup>th</sup> Refresher Course: Indian Languages (Gujarati, Hindi, Sanskrit) UGC-Academic Staff College, Sardar Patel University, Vallabh Vidyanagar 3th June, 2014.

## Popular Articles

- Tiwari, Pramod Kumar, *Lok Ke Sanbar Ka Silsila*(2014), Nai Dunia, Sahitya Varshikank-2014, pp 141-144
- Tiwari, Pramod Kumar, *Aur Bhai sabib Kya chal Reba hai*(2014), Parichay, pp 26-31  
ISSN : 2229-6212
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- Gupta, Alok Kumar,(2014) Convenor, Text book Vth Hindi(Higher)Gujarat Rajya Shala Pathya pustak Mandal, Gandhinagar, 23rd September,2014.
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- Tiwari, Pramod Kumar, (2015) Gujarati-Hindi Interrelationship, organised by Sahitya Akademi and Centre for Hindi, School of Languages, Literature & Cultural Studies, Central University Of Gujarat, Gandhinagar, 28 Feb.-01 March 2015
- Tiwari, Pramod Kumar, (2014) Judge of the Cultural and Literary Event, organised by Hillwoods School, Gandhinagar, 22 November 2014
- Tiwari, Pramod Kumar, (2014) Poems published in Bhojpuri Magazine *Aakhar*, March-2015, pp 32-33
- Tiwari, Pramod Kumar, (2014) Five Poems published in *Naya Path*, October2014-March 2015, pp 154-162
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## Students' Academic Acievements

### Books

- Baris, Jayantilal B. "Kunkanaa janjaati kee Lok-kathaen", ISBN-4-38-84324-93-978

## Journal Articles

- Prasanna, Pradeep (May 2014) 'Vyaktitva va Krititva ke dhani Shard Joshi', *Vyangya yatra patrika* 2014, Prem Janmejay (Ed.)
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- Ramya, (2015) 'Vivah sansthan banaam Gulaam nari', *Vanchit Samvednaka ka Sahitya Part – II*, Vijendra Pratap Singh (Ed.), Aakanksha Publishing House : Delhi, Page no. 290-294

## Papers Presented in International Seminars

- Prasanna, Pradeep (28-29 October 2014) 'Cinema aur Naatak' Presented a paper in International seminar organized by Rajasthan Film Festival, Jaipur, Rajasthan.
- Pradeep, Prasanna (10-11 January 2015) 'Samkaleen vimarsh : samaajik, sanskritik paridrishya' Presented a paper in International Seminar organized by Department of Hindi, Jaynarayan Vyas Vishvavidyalay, Jodhpur, Rajasthan.
- Prasanna, Pradeep (14-17 January 2015) 'Lok rangmanch me vaishvika dwandwa ka sanketik prabhav aur aadhunikta ka vichar : Bharat tatha Vishva' Presented a paper in International Seminar organized by Indian Society for Thiyetar Reserach.
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- Prasanna, Pradeep (24-25 February 2015) 'Shrimadbhagawatgita men karmayog aur Aadhunik Bhartiya samaaj', Presented a paper in International seminar organized by Akabarpur Mahavidyalay, Akabarpur, Kanpur (U.P.)

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- Lodwal, Vimal (10-11 January 2015) 'Dalit sahitya udbhav, vikas evam swaroop' Presented a paper in International Seminar organized by Department of Hindi, Jaynarayan Vyas Vishvavidyalay, Jodhpur, Rajasthan.
- Lodwal, Vimal (19-21 February 2015) 'Soochana praudyogiki naii unchaaiyan pabliished' presented a paper in International seminar organized by DRDO.
- Ramya, (10-11 January 2015) 'Chhinamasta upanyas men abhivyakta Stree utapidan evam sangharsh' Presented a paper in International Seminar organized by Department of Hindi, Jaynarayan Vyas Vishvavidyalay, Jodhpur, Rajasthan.
- Pandey, Satish kumar (28-29 October 2014) 'Hindi cinema men lok-jeevan kee abhivyakti' Presented a paper in International seminar organized by Rajasthan Film Festival, Jaipur, Rajasthan.
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#### Papers Presented in National Seminars

- Prasanna, Pradeep (5-6 December 2014) 'Meediya : Kal, Aaj aur Kal' Presented paper in National seminar organized by Babu Shobharam Arts Collage, Alwar, Rajasthan.
- Lodwal, Vimal (5-6 March 2015) 'Elektronik meediya men soochana praudyogiki ka yogdan' presented a paper in National seminar organized by Government collage, Alwar, Rajasthan.
- Pandey, Satish kumar (7-11 April 2014) 'UGC sponsored Remedial English Programme' participated of School of Language Literature & Cultural Studies, Central University of Gujarat, Gandhinagar, Gujarat.
- Maurya, Ashok Kumar (30-31 March 2015) 'Stree vimarsh aur uttar samay men stree mukti ke prashn' Presented a paper in National Seminar organized by Department of Hindi, Arts Faculty, Kashi Hindu Vishvavidyalay, Banaras (U.P.)
- Maurya, Ashok Kumar (4-5 April 2015) 'Sahitya men samaaj ka badalata swaroop' Presented a paper in National Seminar organized by Madhuraakshar, Fatehpur (U.P.)
- Singh, Vikal (30-31 March 2015) 'Stree aur Raajniitik jokhim ke saval' Presented a paper in National Seminar organized by Department of Hindi, Arts Faculty, Kashi Hindu Vishvavidyalay, Banaras (U.P.)
- Singh, Vikal (4-5 April 2015) 'Anhiyare talchhat men chamka men chitrit stree jeevan' Presented a paper in National Seminar organized by Madhuraakshar, Fatehpur (U.P.)
- Purnima (30-31 March 2015) 'Sahitya men stree : paravashataa ke sangharsh ke roop' Presented a paper in National Seminar organized by Department of Hindi, Arts Faculty, Kashi Hindu Vishvavidyalay, Banaras (U.P.)

## Conferences Organised

‘गुजराती-हिंदी का अंतर्संबंध’

(द्वि-दिवसीय राष्ट्रीय संगोष्ठी)

प्रतिवेदन

साहित्य अकादमी, दिल्ली एवं गुजरात केन्द्रीय विश्वविद्यालय के संयुक्त तत्वावधान में आयोजित ‘गुजराती-हिंदी का अंतर्संबंध’ विषयक दो दिवसीय राष्ट्रीय संगोष्ठी का शुभारंभ माननीय राज्यपाल श्री ओम प्रकाश कोहली की उपस्थिति में हुआ। उद्घाटन सत्र में सर्वप्रथम भाषा साहित्य एवं संस्कृति अध्ययन संस्थान के अधिष्ठाता प्रो. आलोक गुप्त ने माननीय अतिथियों का स्वागत किया गया। साहित्य अकादमी के हिंदी परामर्श मंडल के सदस्य प्रो. सूर्य प्रसाद दीक्षित ने आरंभिक वक्तव्य देते हुए कहा कि हिंदी और गुजराती भाषा एवं साहित्य जुड़वाँ बहने हैं। उन्होंने मध्यकाल के अनेक रचनाकारों और ग्रंथों के साक्ष्य से हिन्दी गुजराती भाषा और साहित्य के अंतः संबंध को पुष्ट किया। साहित्य अकादमी के अध्यक्ष श्री विश्वनाथ प्रसाद तिवारी ने अपने उद्घाटन वक्तव्य की शुरुआत डॉ. सर्वपल्ली राधाकृष्णन के इस प्रसिद्ध कथन से की कि “Indian literature is one though written in different languages.” अपने वक्तव्य में उन्होंने 1747 में स्थापित भुज के उस विश्वविद्यालय का भी जिक्र किया जहाँ ब्रज भाषा में कवि बनने की विधिवत शिक्षा दी जाती थी। उन्होंने नवजागरण के संदर्भ में भारतेंदु और नर्मद के साहित्य का संक्षिप्त तुलनात्मक विवरण प्रस्तुत किया।

उद्घाटन सत्र के मुख्य अतिथि गुजरात केन्द्रीय विश्वविद्यालय के कुलपति प्रो. एस.ए.बारी ने इस संगोष्ठी को विश्वविद्यालय के 5 साल के इतिहास की एक महत्वपूर्ण उपलब्धि बताते हुए कहा कि इसे मात्र गुजराती-हिंदी साहित्य के अंतर्संबंध के रूप में न देखकर सभी भारतीय भाषाओं के अंतर्संबंध के रूप में देखा जाना चाहिए। विशिष्ट अतिथि के रूप में पधारे प्रसिद्ध गुजराती साहित्यकार श्री रघुवीर चौधरी ने गुजराती एवं हिंदी साहित्य के मध्य अंतर्संबंध में अनुवाद की भूमिका पर संक्षिप्त चर्चा की। इस सत्र का अध्यक्षीय वक्तव्य महामहिम राज्यपाल श्री ओम प्रकाश कोहली ने दिया। उन्होंने हिंदी-गुजराती साहित्य के अंतर्संबंधों की विषय चर्चा करते हुए आदिकाल से लेकर आधुनिक काल तक के अनेक कवियों और कविताओं के महत्वपूर्ण सन्दर्भ प्रस्तुत किए। उन्होंने कहा कि इस संगोष्ठी का संदर्भ और परिप्रेक्ष्य बहुत बड़ा है, जो यह प्रश्न खड़ा करता है कि विविधताओं से भरे इस देश में हम एकता की तलाश कहाँ-कहाँ और किन-किन क्षेत्रों में करें। उद्घाटन सत्र का संचालन हिन्दी भाषा एवं साहित्य केंद्र के अध्यक्ष डॉ. संजीव कुमार दुबे किया एवं आभार साहित्य अकादमी के उपसचिव श्री ब्रजेन्द्र त्रिपाठी ने माना।

संगोष्ठी का प्रथम सत्र ‘नवजागरणकालीन गुजराती-हिंदी साहित्य’ विषय पर केन्द्रित था। सत्र के प्रथम वक्ता प्रो. शंभुनाथ जी ने कहा कि दोनों साहित्य की समनता की खोज को एकरूपता में रूपांतरित करना सही नहीं होगा। उन्होंने हिन्दी और गुजराती क्षेत्र के नवजागरण के बीच बुनियादी अंतर को दलपत राम और भारतेंदु के सोच और रचनाकर्म से अनेक उदाहरण लेकर स्पष्ट किया। सत्र के दूसरे वक्ता के रूप में श्री सतीश व्यास ने गुजराती साहित्य के नर्मद युग एवं पंडित युग पर विस्तृत चर्चा की। उन्होंने सूरत को गुजराती नवजागरण का केंद्र बताते हुए गुजराती नवजागरण में नर्मद के विशिष्ट योगदान का स्मरण कराया। अध्यक्षीय वक्तव्य देते हुए श्री रघुवीर चौधरी ने कन्हैयालाल माणिकलाल मुंशी और जयशंकर प्रसाद द्वारा ध्रुवस्वामिनी को केंद्र में रख कर

रचे गए नाटकों में साम्य और वैषम्य की विशिष्टताओं को रेखांकित किया | सत्र के संचालन के दौरान डॉ. संजीव कुमार दुबे महत्वपूर्ण टिप्पणियां की एवं सभी वक्ताओं का आभार माना |

द्वितीय सत्र 'गुजराती-हिंदी भक्ति साहित्य' पर केन्द्रित था | इस सत्र की अध्यक्षता श्री ब्रजेन्द्र कुमार सिंहल ने की | प्रथम वक्ता के रूप में श्री दलपत पट्टियार ने गुजराती निर्गुण साहित्य पर चर्चा करते हुए मधुर निर्गुण पद गाकर सभी श्रोताओं को भाव-विभोर कर दिया | वही श्री राजेश पांड्या ने गुजराती सगुण साहित्य में नरसिंह मेहता, मीरा और दयाराम के अवदान पर विस्तृत चर्चा की | प्रो. दयाशंकर ने हिंदी सगुण साहित्य के कृष्ण-काव्य और रामकाव्य के सूक्ष्म अंतर को रेखांकित करते हुए तुलसी के रामचरितमानस से इतर रामलाल नहछू, कवितावली, गीतावली, बरवै रामायण को अधिक महत्वपूर्ण माना | अपने अध्यक्षीय भाषण में श्री सिंहल जी ने कहा कि ज्ञान और भक्ति वैराग्य के बिना नहीं मिल सकती | सत्र की संचालक डॉ. किंगसन सिंह पटेल ने विद्वतजनों को धन्यवाद ज्ञापित किया |

संगोष्ठी के दूसरे दिन का तृतीय सत्र 'गुजराती-हिंदी साहित्य और गांधी' पर केंद्रित रहा | जिसकी अध्यक्षता श्री नरेश वेद ने की | डॉ. विनोद जोशी ने आधुनिकता और गुजराती साहित्य पर बोलते हुए कहा कि आधुनिकता को समय सीमा में नहीं बाँधा जा सकता | प्रत्येक युग में आधुनिकता के लक्षण होते हैं, जो उस युग की प्रवृत्तियों से प्रगतिशील होते हैं | दूसरी वक्ता के रूप में दिल्ली से पधारी डॉ. अनामिका जी ने कहा कि छायावादी कविता गांधी की मानस पुत्री है | डॉ. अनामिका के अनुसार प्रगतिशील कविता और गांधी में नाना-नवासे सा रिश्ता है, जो गांधी से लगातार प्रश्न करती है | बाद के विमर्शों यथा-दलित और स्त्री साहित्य ने भी गांधी के विचारों पर प्रहार किया है | कविता आज एक वर्णशंकर विधा है, इसने सभी विधाओं की विशेषताओं को आत्मसात किया है | वास्तव में कविता आज भी गांधी के जनतांत्रिक आदर्शों का ही मंचन करती है | कविता कभी उम्मीद नहीं छोड़ती, जिस प्रकार गांधी ने कभी उम्मीद नहीं छोड़ी | उषा उपाध्याय जी ने गुजराती काव्य और गांधी पर बोलते हुए कहा कि साम्प्रत समय का युवा वर्ग गांधी के प्रति अधिक और उनके विचारों के प्रति कम आकर्षित है | उन्होंने यह भी प्रश्न खड़ा किया कि गांधी के विचारों पर चलने वाले समकालीन सत्याग्रहियों के प्रति साहित्य अथवा समाज मौन क्यों है? आज तक उन पर क्यों नहीं लिखा गया? कला केवल आकाशी घटना नहीं है इसकी नींव जीवन में पड़ी है | मनसुख सल्ला ने गुजराती कथा साहित्य और गांधी पर बोलते हुए कहा कि गांधी जीवन को समग्रता से देखना ही गांधी का सबसे बड़ा प्रभाव रहा है | गुजराती कथा साहित्य में उनके प्रभाव की सबसे बड़ी झलक इसकी वैश्विक भावना में देखने को मिलती है | इस सत्र का अंतिम वक्तव्य हिंदी कथा साहित्य और गांधी पर प्रो. सत्यकाम ने दिया | उनके अनुसार गांधी जी के बाद आज तक जो कुछ लिखा जा रहा है वह गांधी के विचारों का ही प्रत्याख्यान है | इन्होंने प्रेमचंद और गांधीवाद पर अपनी बात रखते हुए कहा कि प्रेमचंद अपने लेखन में प्रयोग की स्थिति से गुजरते हुए गांधी की प्रासंगिकता पर विचार करते हैं | उनके अनुसार प्रेमचंद गांधी जी के आन्दोलनों का साहित्यिक रूपांतरण है, परन्तु इसके पीछे भावुकता नहीं गांधी के change of heart का प्रशंसक होना था | प्रो. सत्यकाम ने इस संदर्भ में रंगभूमि और कर्मभूमि के कई उदाहरण प्रस्तुत किये | उनके अनुसार गांधी हमारी चेतना है, गांधी ही भारतीयता है | इस सत्र की अध्यक्षता कर रहे नरेश वेद ने कहा कि गांधी का चरित्र ऐसा है मानो वह किसी ग्रीक त्रासदी के महानायक हैं | अंत में डॉ गजेन्द्र कुमार मीणा ने विद्वतजनों का धन्यवाद ज्ञापित किया |

चतुर्थ सत्र 'स्वातन्त्र्योत्तर गुजराती-हिंदी साहित्य' पर केन्द्रित रहा। प्रथम वक्ता के रूप में प्रो. भरत मेहता ने हाशिये का समाज और गुजराती साहित्य पर बात करते हुए कहा कि हाशिया, समाज और साहित्य निरंतर बदलते रहते हैं। उन्होंने स्वातन्त्र्योत्तर गुजराती साहित्य की सीमाओं पर विस्तृत चर्चा की। अपनी चर्चा के दौरान हाशिये के समाज के अन्य वर्गों यथा किसान, विधवा, अनपढ़ स्त्रियों की जीवनी आदि पर ध्यान केन्द्रित किया जिसपर स्वातन्त्र्योत्तर गुजराती साहित्य में अभी भी न के बराबर लेखन हुआ है। साथ ही हाशिये के समाज के साहित्यिक प्रस्तुतीकरण की सीमाओं पर भी चर्चा की। प्रो. अवधेश प्रधान ने आधुनिकता और हिंदी साहित्य पर बोलते हुए निराला की चेतना और उनकी त्रासदी पर बात की। उनके अनुसार स्वातन्त्र्योत्तर हिंदी साहित्य का सबसे बड़ा सच यह है कि वह दुःख का साहित्य है, पीड़ा का साहित्य है। अपने अध्यक्षीय वक्तव्य में प्रो. महावीर सिंह चौहान ने कहा कि ऐसी संगोष्ठीयों का औचित्य तभी है जब अध्येता अथवा आलोचक एक भाषा और उसके साहित्य के साथ-साथ दूसरी भाषा और साहित्य का भी ज्ञान रखता हो। बिना इसके यह अध्ययन एकांगी रह जाएगा। इसके साथ ही उन्होंने अनेकता में एकता के जुमले को दुहराए जाने से इत्तर प्रत्येक भाषा एवं उसके साहित्य की अपनी नैसर्गिक पहचान की तलाश और उसे स्थान देने की बात कही। अंत में डॉ. प्रमोद कुमार तिवारी ने विद्वतजनों को धन्यवाद ज्ञापित किया।

समापन सत्र के अध्यक्ष दिनकर जोशी ने इस प्रकार की अन्य गोष्ठियों के आयोजन पर बल दिया, जिसमें अन्य अलग-अलग भाषाओं के अंतर्संबंध पर भी बात की जाए। साथ ही इन भाषाओं के साहित्य के परस्पर आपसी आदान-प्रदान के द्वारा ही हम सामाजिक-सांस्कृतिक ऐक्य की स्थापना कर सकते हैं। परन्तु यह एक रचना के दो-या तीन भाषाओं में अनुवाद से संभव नहीं है वरन सभी श्रेष्ठ साहित्य के लगभग सभी चौबीसों भाषाओं में अनुवाद के द्वारा ही यह संभव हो सकता है। सत्र का प्रतिवेदन संजीव कुमार दूबे ने दिया। समापन व्याख्यान डॉ. नंदकिशोर आचार्य ने दिया। उनके अनुसार साहित्य की संवेदना एक होती है। उन्होंने आचार्य हजारी प्रसाद द्विवेदी को उद्धृत करते हुए कहा कि संस्कृति अभेदभाव की साधना है। इस अभेदभाव की साधना की प्रक्रिया ही साहित्य की प्रक्रिया होनी चाहिए। इसके साथ ही उन्होंने राष्ट्रवाद को एक मानसिक बिमारी बताया। उनके अनुसार साहित्य में राष्ट्रवाद की नहीं राष्ट्रप्रेम की साधना होनी चाहिए, जो अभेद हो। साहित्य भाषा के अन्दर अनुभूति की प्रक्रिया है। इसलिए भाषा मात्र सम्प्रेषण का माध्यम नहीं है वरन वह जानने का माध्यम है, अतः भाषा स्वयं अनुभूति का स्रोत बन जाती है। साहित्य की भाषा इसी रूप में विशिष्ट हैं। साहित्य की प्रक्रिया एक प्रकार की अनुभूत्यात्मक अन्वेषणात्मक प्रक्रिया है और इसका माध्यम भाषा है। अतः साहित्य एक अनुभूत्यात्मक अन्वेषणात्मक प्रक्रिया है। क्या कहा गया है से महत्वपूर्ण है उसे कैसे कहा गया है और उससे भी अधिक जरूरी है कि उसे कैसे जाना गया है, साहित्य तभी विशिष्ट हो सकता है। अंत में उन्होंने हिंदी को साधुवाद देते हुए कहा कि जितना अनुवाद अन्य भारतीय भाषाओं का हिंदी में हुआ है उतना अन्य किसी भारतीय भाषाओं में नहीं हुआ।



Gujarati-Hindi Ka Antarsambandh



His Excellency the Governor of Gujarat addressing the Seminar

## हिन्दी भाषा एवं साहित्य केन्द्र द्वारा आमंत्रित अतिथि व्याख्यानो का विवरण

क्र.सं.	आमंत्रित वक्ता	दिनांक	व्याख्यान का विषय
.1	प्रोसंध्या सिंह ., एनसीईआरटी, दिल्ली	2015-08-08	तालीम की जमीन
.2	प्रोशयोरज सिंह बैचेन ., दिल्ली विश्वविद्यालय, दिल्ली	2015-01-05	हिंदी दलित साहित्य की स्थिति
.3	डॉसरदार पटेल ,मदनमोहन शर्मा . विश्वविद्यालय, आणंद	2015-01-09	लोक नाटक
.4	डॉजितेन्द्र श्रीवास्तव ., इंदिरा गाँधी राष्ट्रीय मुक्त विश्वविद्यालय, दिल्ली	2015-01-15	स्त्री जीवन गोदान और : राम की शक्ति पूजा
.5	प्रोसुनीता मंजनबेल ., कर्नाटक केन्द्रीय विश्वविद्यालय, गुलबर्गा	2015-01-22	हिंदी नाटक
.6	डॉकार्याध्यक्ष ,दामोदर खडसे ., महाराष्ट्र राज्य हिन्दी साहित्य अकादमी	2015-01-28	अनुवाद की प्रासंगिकता
.7	प्रोपवन अग्रवाल ., लखनऊ विश्वविद्यालय, लखनऊ	2015-01-30	लोक महाकाव्य आल्हा :
.8	डॉअल्पना मिश्र ., दिल्ली विश्वविद्यालय, दिल्ली,	2015-02-12	स्त्री चिंतन की सैद्धांतिकी
.9	प्रोशैलेन्द्र कुमार शर्मा ., विक्रम विश्वविद्यालय, उज्जैन	2015-03-04	लोक साहित्य में शोध की संभावनाएं
.10	प्रोचन्द्रकला त्रिपाठी ., महिला महाविद्यालय, बनारस हिन्दू विश्वविद्यालय, वाराणसी	2015-04-09	महिला कथाकारों में स्त्री मुक्ति के सन्दर्भ
.11	प्रोचन्द्रकला त्रिपाठी ., महिला महाविद्यालय, बनारस हिन्दू विश्वविद्यालय, वाराणसी	2015-04-09	छायावादोत्तर कविता : रचना प्रक्रिया और शिल्प

.12 प्रोवशिष्ठ नारायण त्रिपाठी ., बनारस हिन्दू 2015-04-09 हिंदी रंगमंच  
विश्वविद्यालय, वाराणसी

## Centre for Study of Diaspora

Year of Establishment: 2011

Courses Offered: Integrated M.Phil.-Ph.D.

Maximum Intake: 15

Students in 2014-15:

Number of Applications Received	Number of Students who Appeared for Entrance Examinations	Number of Students Admitted
86	57	13

Gender and Social Category of Students:

Male	Female	SC	ST	OBC	PH	KM	General
10	03	03	00	03	00	00	07

Objectives of the Centre:

**Centre for Study of Diaspora** follows a multi-disciplinary approach to the teaching and research in areas of migration and its cultural, literary, social, political and economic impact. The contribution of overseas communities to the origin country is critically reviewed in the context of economic, social and intellectual capitals, and promotion of the 'soft power'. Issues faced by these communities, namely, the trauma of losing the protection of homeland in migration, and the challenges of alienation, assimilation, acculturation and reconciliation in foreign locations are inbuilt themes of learning at the Centre. The historical, anthropological, sociological, political and economic aspects of the process of migration of people are also studied based on relevant literature in the forms of novels, biographies, autobiographies, diaries, short stories, dramas, poems, documentaries, and scholarly writings. Apart from class room study focusing on the concepts of the discipline, the Centre also uses field trips to study the processes and impacts of migration as part of its teaching.

### **Faculty Profile:**

1) Dr. Shailendra Kumar, Assistant Professor (on contract)

Research Interests: Sociological and anthropological theories, cultural studies, education, migration, media, literature and cinema.

2) Dr. Naresh Kumar, Assistant Professor (on contract)

Research Interests: internal/international migration, diaspora, demography, regional geography, research methods.

3) Dr. Siba Sankar Mohanty, Assistant Professor (on contract)

Research Interests: Diasporic Literature, Socio-Cultural and Political aspects of Diaspora, Migration, Qualitative Research Methods, Caribbean Studies.

## **Faculty Publications**

### **Books**

- Mohanty, Arun, Siba Sankar Mohanty (et al.) eds. (2014), *Emerging Odisha: Problems and Prospects*, New Delhi: Mittal Publications.

### **Journal Articles**

- Kumar, N., (2015). *International Migration and Development: A Study of Indian in Gulf Countries*” Ajaya K. Sahoo (ed.), *Indians in the Persian Gulf: Diaspora, Development and Distress*, pp. 148-62. Rawat Publications New Delhi ISBN 978-81-316-0687-2

### **Chapters in Books/ Conference proceedings**

- Mohanty, Siba Sankar (2014), “Migration and its Nightmares: A Study of Benjamin’s Goat Days”, in Arun Mohanty, Siba Sankar Mohanty (et al.) eds. (2014), *Emerging Odisha Problems and Prospects*, New Delhi: Mittal Publications.

### **Lectures, talks and Presentation Delivered**

- Siba Sankar Mohanty: Lecture delivered on the topic “Internal and External Migration: Socio-Economic and Political Implication for India”, on 31<sup>st</sup> March 2015 at P. G. Department of Social Sciences, Fakir Mohan University, Balasore (Odisha)

### **Participation in Conferences and Seminars**

- Kumar,N.,(2015), participated as a delegate in Parvasi Bharatiya Divas (PBD) International Conference held on 7-9 January 2015, Gandhinagar(Gujarat) India, Organized by Government of India.
- Kumar,N.,(2015), participated in Global Conference on “ Indian Diaspora’s Connection and partnership with India, 8<sup>th</sup> January, 2015 , organized by Global Organization of People of Indian Origin(GOPIO) and Study Abroad Program , Gujarat University , Ahmedabad.
- Mohanty, S (2014) “Migratory Dreams and Their Nightmares in Benyamin’s Goat Days” presented at the 2nd National Seminar on Interdisciplinary Approaches to Knowledge, 3-4 April 2014, held at Pandit Deendayal Petroleum University, Gandhinagar
- Mohanty, S (2015) “Aspirations, Desperations and Agonies of Migration: A Study of Indian Immigrant Workers in the Gulf (With reference to Joy C. Raphael’s Slaves of Saudis)” at the International Conference on Rising India and the World Order – mapping her policies and strategic choices, held on 5-7 February 2015, organized by P. G. Department of Social Sciences, Fakir Mohan University, Balasore (Odisha)
- Mohanty, S (2015) Participated as a delegate in Parvasi Bharatiya Divas (PBD), 7-9 January 2015, held at Gandhinagar (Gujarat) India, Organized by Ministry of Overseas Indian Affairs, Government of India
- Kumar, S (2015), participated as a delegate in Parvasi Bharatiya Divas (PBD) International Conference on 7-9 January 2015, Gandhinagar(Gujarat) India, Organized by Government of India.
- Kumar, S (2015), ***Dalit Diaspora in International Horizons*** at the 'National Seminar on 'Dalit Studies: Continuities and Change' being organized on 20- 21 March 2014 by Dr. Ambedkar Chair at CSSS/SSS, JNU, New Delhi

### Other Academic Activities

- Fieldwork on *Socio-Economic Remittances and Development: A Study of Gandhinagar district of Gujarat* which was conducted in between 27<sup>th</sup> March – 3<sup>rd</sup> April 2015. Centre for the Study of Diaspora organized a fieldwork of its research scholars (M.Phil 2014-15) Gandhinagar, Gujarat. The fieldwork aimed to deep inquisition of migration and its consequence which is deeply impact on socio-cultural and economic profile of homeland as well as host land within the process of migration realm. Research Scholar had collected so many information which were concern to whole diasporic study. Scholar collected information from hundred respondents through this

process and dealt the primary data as comprehensive manner on issues of migrants. Scholar studied various aspects such as family, social network, visa, socio-cultural and economic profile, remittances in migrants' population.



Centre for Study of Diaspora Researchers with Respondents

- Shrabanti , M. Phil. research student got National Fellowship for OBC conducted by UGC held in April , 2015.
- Nitesh Narlonia , M.Phil. Research student got Rajiv Gandhi National Fellowship by UGC in June, 2015.

#### Co-curricular Activities

#### Invited/ Distinguished lectures

- **Dr. Ajay Mahurkar**, School of Social Sciences, Indira Gandhi National Open University “Indian Diaspora in Mauritius”, 25 August 2014
- **Anand Kumar**, CSSS, School of Social Science, JNU, New Delhi “Affirmative Action as Nation building: Reservation in 21<sup>st</sup> Century” on 12<sup>th</sup> September 2014
- **Prof. Vivek Kumar**, Professor, Centre for the Study of Social Systems, SSS, JNU, New Delhi “Research Methods in Social Sciences: Interdisciplinary and multidisciplinary Perspectives”

- Prof Chnadra Mohan (Rtd) , Delhi University, Interaction with the Diaspora Students, 19/09/2014
- Prof Jia Haito, Jinan University, China, “Indian Diaspora in China” 27<sup>th</sup> November 2014.
- Prof. Anuradha Banerjee, CSRD/SSS, Jawaharlal Nehru University, “Perspective on International Migration” 30 October 2014.
- Prof. R.B.Bhagat, Department of Migration and Urban Studies, IIPS, Mumbai, “Emigration and Development: An Indian Context”, 31 October 2014.
- Dr. T. Jayakumar, Department of English, Periyar E.V.R. College, Tiruchirappallai, “Socio-cultural, Demographic and Economic Status of Tamil Diaspora in Malaysia and Singapore”, 28th November 2014
- Dr. Neerja A. Gupta, Director, Study Abroad Programme, Gujarat University, “Trends and Issues in Diasporic Literature”, 19th January 2015
- Prof Aslam Mahmood, CSRD/SSS, Jawaharlal Nehru University, New Delhi “Quantitative Approach in Social Research” 9<sup>th</sup> February 2015.
- Prof. N. Gaan, Professor of Political Science, Utkal University, “Decision Making in Foreign Policy with reference to India and its Diaspora”, 12 February 2015
- Dr. Nandita Mohapatra, Associate Professor, Department of English, JKBK Govt. College, “Home and Exile: Major Themes in the Novels of Rohinton Mistry”, 17 February 2015
- Dr. Ritu Tyagi, Assistant Professor, Department of French, School of Humanities, Pondicherry University, Puducherry “Diaspora and Identity in Mauritian Francophone Fiction”, 19th February 2015

## Outreach Activities

- The field work on the *Socio-Economic Remittances and Development: A Study of Gandhinagar district of Gujarat* was conducted from 27<sup>th</sup> March to 3<sup>rd</sup> April 2015 in pursuance of the Course on Research Methodology by the 2<sup>nd</sup> Semester students M Phil Programme.

## Students' Academic Achievements

### Conference/Workshop Participation

- Nitesh Narlonia (2014) Attended: Training Programme on Quantitative and Qualitative Methods in Labour Research: A Gender Perspective Organised by: Mahatma Gandhi Labour Institute, Ahmedabad and V.V. Giri National Labour Institute, Noida During: 22-24 December, 2014.
- Nitesh Narlonia (2014) Xii Clai Biennial International Conference On Culture, Arts, And Socio- Political Movements In South Asia: Comparative Perspectives Organised by: Center

for Rajasthan Studies and department of Urdu and Persian, University of Rajasthan Jaipur in collaboration with Comparative Literature association of India. Presented Paper, Titled as: Reflection on Nation Formation: A Comparative Study of Ice Candy Man and Train to Pakistan During: 1-4 March, 2015.

- Banjare, Santosh Kumar. "New Challenges of Diasporic Communication in the Age of Internet." *In Proceeding of Second National Seminar on Interdisciplinary Approaches to Knowledge, April 3-4, 2014.* Gandhinagar (Gujarat): PDP, 2014.
- Banjare, Santosh Kumar. "Dr. Ambedkar Thoughts." *In Proceeding of two weeks workshop, November 14-27, 2014.* Wardha (Maharashtra): MGAHV, 2014.
- D' Souza, Salu and Santosh Kumar Banjare. "A Lifelong Experience in Multicultural Environment: Indian Diaspora in Australia-Fostering to Bilateral Relations," *In Proceeding of International Conference on Culture, Literature, Arts: Australia – India at Department of English. Madras, December 08-09, 2014.*
- D' Souza, Salu and Santosh Kumar Banjare. "Indian Diaspora in the United Kingdom: A Representative of Indian Ethos and Culture." *In Proceeding of KAFLA Inter Continental's 10th International Writers' Festival India (an International conference of poets, writers & scholars).* Kerala, December 27-28, 2014.
- Hazra Debabrata, "English Literary Studies and Diasporic Sensibilities: A Critical Analysis" (paper presented in the UGC-sponsored Young Researchers' National Conference on 'Interdisciplinarity and English Literary Studies' organised by the Department of English and Culture Studies, The University of Burdwan, West Bengal, India, December 16-17, 2014).
- Hazra Debabrata, "Women Empowerment Through Modern Education: A Holistic Development Perspective" (paper presented in the UGC-sponsored National Conference on 'Gender and Development' organised by the Department of Sociology, School of Social Sciences, Ahmedabad, India, March 13-14, 2015).
- Hazra Debabrata, participated in the International Conference on 'Building Nation of Peace: Our Shared Responsibilities' organised by the School of International Studies, The Central University of Gujarat and Universal Peace Federation of India in collaboration with United Nations Information Centre for India and Bhutan, The Central University of Gujarat, Sector 29, Gandhinagar, Gujarat, India, September 21, 2014.
- Hazra Debabrata, participated in the 'Pravasi Bharatiya Divas 2015' organised by the Ministry of Overseas Indian Affairs, Government of India and Government of Gujarat, Mahatma Mandir, Gandhinagar, Gujarat, India, January 7-9, 2015.
- Dhanraj Gusenge, Training programme on Quantitative and Qualitative Method in labour Research: A Gender Perspective organised by Mahatma Gandhi Labour Institute, Ahmedabad. During: 22 to 24 Dec, 2014
- Akhilesh Upadhyay (2014) Democracy and Human Rights in the Tribal areas of Central India 26th 27th February 2014, Organised by Indian Council of Social Science Research (ICSSR), New Delhi & Department of Political Science Indira Gandhi National Tribal University Amarkantk, Presented paper on ***“Democracy and Human Rights; theory and Practice”***
- Akhilesh Upadhyay (2015) Status of Tribal Women in Central India: Issues and Challenges Feb 13th – 14th February, 2015 Organised by Indian Council of Social Science Research (ICSSR), New Delhi & Department Sociology Indira Gandhi National Tribal University Amarkantk, Presented paper on ***“Socio Economic condition of Tribal Girls in Central India.”***

## Publication of Students

- Banjare, Santosh Kumar. “Chhattisgarh Ke Yug Purush Hain Guru Ghasidas.” *Dalit Dastak* 03, no. 07, (2014): 30-31.
- Banjare, Santosh Kumar and Anshuman Rana and Mohit Ram Chelak. “Dalit Diaspora and Caste Discrimination,” *Sangharsh/Struggle: e-Journal of Dalit Literary Studies* 03, no. 04, (2014): 61-64. Accessed December 30, 2014. url: [http://www.dalitsahitya.com/static/media/data/Sangharsh\\_Vol\\_03\\_Issue\\_04\\_2014.pdf](http://www.dalitsahitya.com/static/media/data/Sangharsh_Vol_03_Issue_04_2014.pdf)
- Banjare, Santosh Kumar and Krushna Chetty. “Satnami in Chhattisgarh: Analysing its Past and Present.” *Creative Space: International Journal (Special Issue) January to March*, (2015): 41-45.
- Manjre, Sanjiw Kumar and Santosh Kumar Banjare. “Janjatiya Samaj Aur Samasyayen.” *Shodh Manthan (Hindi Journal)* 6, no. 01, (2015): 196-208.
- Manjre, Sanjiw Kumar and Santosh Kumar Banjare. “Chhattisgarh Me Satnam Aandolan.” *Sangharsh/Struggle: e-Journal of Dalit Literary Studies* 04, no. 01, (2015): 129-134
- D’ Souza, Salu and Santosh Kumar Banjare. “Currency War and Domestic Policies: Indian Diaspora and its Management Skills.” *In Proceeding of International Conference on, 'Culture, Literature, Arts: Australia – India*. (Chennai: Hikey Media, 2015), pp. 22-24.
- Akhilesh Upadhyay (2015) **“India’s Internal and external security and Nepal”** Published by M P College Jungle Dhunshan, Gorkhpur UP, ISSN -0976-0830

## **School of International Studies**

The School has been conceptualised to encourage diversity in the constitution of knowledge of international affairs in India. Its current focus is on creating new and relevant knowledge in the core IR areas such as International Politics and Security Studies. In the coming years, the School intends to pursue research in history, theory and sociology of modern India's international relations and all areas of Security Studies. Aware of the Gujarat's historical connections with the larger world, it will pursue research on maritime influences on India's trade, culture and security. These relatively new areas would be pursued alongside more conventional research areas such as International Relations Theories, International Organisations, International Trade and Development, International Law, and Globalisation. Among geographical area studies, the School's immediate area of focus is the India immediate and extended neighbourhood. Programmes and the Centres of the School are interdisciplinary to the extent possible in the Indian context. All programmes of the School equally emphasise theory and policy and train students to contribute meaningfully to the society, country and the world at large.

The School of International Studies (SIS) presently comprises of two Centres and offers the following programmes of study:

<b>Centre Name</b>	<b>Nature of the Programme</b>	<b>Name of the Programme</b>
School of International Studies	M.A. (2 Years)	M.A. in Politics and International Relations
Centre for Studies in International Politics	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in International Politics
Centre for Security Studies	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in Security Studies

**School-level Programme:** M.A. in Politics and International Relations

**Maximum Intake:** 25

**Students in 2014-15:**

**Number of Applications  
Received**

41

**Number of Students who  
Appeared for Entrance  
Examinations**

24

**Number of Students  
Admitted**

12

**Gender and Social Category of Students:**

Male	Female	SC	ST	OBC	PH	KM	General	International
07	05	01	00	01	00	00	07	03

## Centre for International Politics

Year of Establishment: 2010

Courses Offered: Integrated M.Phil.-Ph.D.

Maximum Intake: 15

Students in 2014-15:

Number of Applications Received	Number of Students who Appeared for Entrance Examinations	Number of Students Admitted
104	77	09

Gender and Social Category of Students:

Male	Female	SC	ST	OBC	PH	KM	General	International
05	04	03	00	01	00	00	04	01

**Objectives of the Centre:**

The Centre for International Politics (CIP) offers an integrated MPhil-PhD programme in International Politics. Academic activities at the Centre take 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. At CIP, the domain of International Politics refers to academic fields such as IR theories, international histories, international relations of South Asia, several aspects of International Political Economy, and issues related to security, conflict and governance. Faculty members at the Centre work in these areas with a particular focus on India and South Asia. Coursework at CIP involves two semesters of training in Research Methodology, theories of IR, and courses offered by faculty members according to their specialization. We encourage student research that contributes to existing scholarly knowledge, is policy relevant, and advances public understanding of international affairs. Our students so far have worked on issues related to International Political Economy, India's Foreign Policy and conflict, political modernization and security scenarios in South Asia.

## Faculty Profile:

1) Dr. Saurabh Sharma, Coordinator & Assistant Professor

**Research Interests:** Post-conflict governance, peace studies, terrorism, small arms proliferation and drug trafficking in South and Central Asia.

2) Dr. Reji K. Joseph, Assistant Professor

**Research Interests :** International trade and development issues; International investment agreements / bilateral investment agreements; Patents and access to medicines; Biodiversity and sustainable development; Biotechnology (in agriculture) and development; Indian pharmaceutical Industry.

3) Dr. Atul Mishra, Assistant Professor

**Research Interests:** International Relations Theory; International Relations of South Asia; Indian Foreign Policy.

## Academic Achievements

### Publications

#### Book

- Mishra, Atul and Rajesh Rajagopalan. 2014. *Nuclear South Asia: Keywords and Concepts*. New Delhi and London: Routledge.

#### Chapters in Books

- Joseph, Reji K., and Biswajit Dhar. 2014. "Recent Performance of Indian Pharmaceutical Industry." In *Access to Medicines in India*, edited by Sakthivel Selvaraj, Dinesh Abrol and Gopalkumar K.M. New Delhi: Academic Foundation.
- Kumar, Rohit. and Saurabh Sharma. "Nepal's Recent Experiment with Democracy." In *South Asia: Traditional and Non-Traditional Security Threats*, edited by Shekhar Adhikari, 118-136. New Delhi: Pentagon Press.

#### Scholarly article

- Mishra, Atul. 2014. 'Postmodernism and International Relations Theory.'  
UGC E-pathshaala project.  
Available at: <<http://epgp.inflibnet.ac.in/browse.php?&category=287>>

#### a. Book reviews

- Mishra, Atul. 2014. 'Upanishads as the key to peace.' Review of *The Relevance of Swami Vivekananda's Ideas on International Relations* by Sarup Prasad Ghosh. *The Book Review* 38(7): 5.

- Mishra, Atul. 2014. ‘Can India become a rule-shaper?’ Review of *Shaping the Emerging World*, edited by W.P.S. Sidhu et al. *The Book Review* (South Asia Special Issue 25): 51.

## Conference Participation

### Paper Presentation

- Joseph, Reji, K. 2014. “Indian Pharmaceutical Industry in the Context of Growing Competition from China.” Paper presented at RIS Colloquium on India’s Growing Dependence on Imports in the area of Bulk Drugs, New Delhi, December 23.
- Sharma, Saurabh. 2014. “Convergence of Russian and Chinese Interests in Central Asia: Policy Options for India and Future of BRICS.” Paper presented at International Seminar on BRICS and Beyond: Vision for 2025. Jointly organised by Centre for Central Eurasian Studies and Centre for African Studies, University of Mumbai, September 17-18.
- Mishra, Atul. 2015. ‘Nuclearization: IR Theory, Public Debates, and Policy.’ Paper presented at the author’s workshop on ICSSR funded project *Nuclearization of South Asia: Implications for India’s National Security*. 27 March, JNU, New Delhi.

## Invited Lectures

- Joseph, Reji, K. 2014. “Globalisation and Indian Economy with Special Reference to Indian Pharma Industry.” Presented at Department of International Relations, Central University of Kerala, Kasargod, April 24.
- Joseph, Reji, K. 2015. “TRIPS and Public Health: Challenges for India.” Presented at School of International Relations and Politics, Mahatma Gandhi University, June 8.
- Mishra, Atul. 2015. Invited by the Department of Civics and Politics, Mumbai University to deliver lectures on IR theories to students of the M.A. programme. 28 and 29 January 2015.

## Research projects undertaken by the Centre/ Individual faculty members

- Dr. Atul Mishra continued work on the collaborative ICSSR-funded project on India’s regional relations.

## Students’ Academic Activities

### Conference Paper Presentations

- Ahmed Khan, Jahangir. 2014. “Gender and Law: A Case Study of Indian Law.” Paper presented at 12th Women’s World Congress on Gender in a Changing World, Central University of Hyderabad, August 17-22.
- Ahmed Khan, Jahangir. 2015. “Coalition Governments and Foreign Policy: A Case Study of UPA-1.”

Paper presented at Annual International Studies Convention, Jawaharlal Nehru University, New Delhi, March 22-23.

- Ahmed Khan, Jahangir. 2015. "Coalition Governments and the Role of States in India's Foreign Policy." Paper presented at International Seminar on India's Foreign Policy Strategies Through the 21<sup>st</sup> Century. Organised by Dept. of Political Science, University of Kerala in collaboration with Ministry of External Affairs, Government of India, February 26-28.
- Kumar, Rohit. 2015. "Nepal Transitioning Democracy or Transforming Democracies: Its Importance in Indian Foreign Policy." Paper presented at International Seminar on India's Foreign Policy Strategies Through the 21<sup>st</sup> Century. Organised by Dept. of Political Science, University of Kerala in collaboration with Ministry of External Affairs, Government of India, February 26-28.
- Mishra, Dolly. 2014. "The Impact of Globalization on Women Trafficking in India." Paper presented at 12<sup>th</sup> Women's World Congress 2014 on Gender in a Changing World, Central University of Hyderabad, August 17-22.
- Narayan, Sagar. 2015. Participated in the Conference at International Seminar on India's Foreign Policy Strategies Through the 21<sup>st</sup> Century. Organised by Dept. of Political Science, University of Kerala in collaboration with Ministry of External Affairs, Government of India, February 26-28.
- Rajesh Kumar Singh. 2015. "India's Image Building by Instruments of Foreign Policy post 1991." Paper presented at International Seminar on India's Foreign Policy Strategies Through the 21<sup>st</sup> Century. Organised by Dept. of Political Science, University of Kerala in collaboration with Ministry of External Affairs, Government of India, February 26-28.
- Shivani Agrawal, Sumedh Pardhe, Rajesh Singh. 2014. "An Outline of the Major Challenges before the Brics Coalition." Paper presented at the National Seminar on "India's Foreign Policy in the 21<sup>st</sup> Century" at Indira Gandhi National Tribal University, Amarkantak, Chattisgarh, September 24-25.
- Shivani Agrawal. 2014. "Role of Infrastructure in India's Foreign Policy." Paper presented at International Seminar on India's Foreign Policy Strategies Through the 21<sup>st</sup> Century. Organised by Dept. of Political Science, University of Kerala in collaboration with Ministry of External Affairs, Government of India, February 26-28.
- Verma, Abhisek. 2014. "Is India Equipped to Assume the Role of Asian Superpower? An Assessment of India's Human Resource Preparedness in comparison with China." Paper presented at International Seminar, Department of Political Science, Banaras Hindu University, Varanasi, April 3-4.
- Verma, Abhisek. 2015. "United Nations and its Membership: A Global South Perspective of South Asia." Paper presented at Annual International Studies Convention, Jawaharlal Nehru University, New Delhi, March 22-23.

## Events

- School of International Studies organised an International Peace Conference in collaboration with Universal Peace Federation of India and United Nations Information Centre for India and Bhutan on 21 September 2014 on the occasion of United Nations International Day of Peace 2014.

## List of Speakers invited

### Eminent Lecture Series (Organised at School Level)

No.	Name of the Speaker	Expert area/ Lecture topic	Date
1	Amb. Jayant Dasgupta	India and WTO	17 November 2014
2	Prof. A.K. Ramakrishnan Centre for West Asian Studies Jawaharlal Nehru University, New Delhi	West Asia after the Arab uprising: Implications for India	5 February 2015

### School Level Lectures

No.	Name of the Speaker	Expert area/ Lecture topic	Date
1	Dr. Manish	Security studies, nuclear issues	9 February 2015
2	Prof. Shrikant Paranjpe	India's National Security	25 February 2015
3	Prof. Bharat Desai	'The Peaceful Settlement of International Disputes: The Role of the United Nations'	12 March 2015

### Centre Level Lecture List 2014-15 (Monsoon Semester)

No.	Name of the Speaker	Expert area/ Lecture topic	Date
1	Prof. K.M. Seethi	India's Foreign Policy in South Asia: Opportunities and Challenges	29 September 2014
2	Dr. Sachin Sharma	WTO Agreement on Agriculture	20-21 November 2014
3	Dr. Priyadarshi Dash	International Finance and Development	13-15 November 2014
4	Mr. Prashant Jha	Political Transition in Nepal	26 September 2014

#### Distinguished Lectures

Talk by Amb. Jayant Dasgupta on the topic of *India and WTO* on 17 November 2014.



Talk by Amb. Jayant Dasgupta on the topic of *India and WTO* on 17 November 2014.



## Centre for Security Studies

**Year of Establishment:** 2009

**Courses Offered:** Integrated M.Phil.-Ph.D.

**Maximum Intake:** 15

**Students in 2014-15:**

<b>Number of Applications Received</b>	<b>Number of Students who Appeared for Entrance Examinations</b>	<b>Number of Students Admitted</b>
69	53	11

**Gender and Social Category of Students:**

<b>Male</b>	<b>Female</b>	<b>SC</b>	<b>ST</b>	<b>OBC</b>	<b>PH</b>	<b>KM</b>	<b>General</b>
08	03	03	00	03	00	00	05

**Objectives of the Centre:**

Centre for Security Studies (CSS) at the School of International Studies attempts to impart theoretical, empirical and critical understanding of the changing notions of security encompassing a complex and frequently interconnected set of issues. The integrated M.Phil.-Ph.D. programme offered at the Centre address key elements of both traditional and non-traditional security issues ranging from national defence and security, international security, terrorism, security in the cyber age, ethnic, religious and ideological conflicts, as well as threats to human security and the stability of states from environmental degradation, infectious diseases, cross-border migration and the activities of non-state actors.

The Centre views security as a multidisciplinary issue that should involve the widest spectrum of individuals and benefit from the contribution of all sectors in society. The Centre's integrated M.Phil.-Ph.D. program is designed to provide students with the knowledge and skills relevant to understanding both traditional and emerging security challenges, drawing on a wide range of disciplinary fields including defence, international relations, strategic studies, political science, economics, demography etc. The focus is not only on strategic thinking and analysis, regional and country knowledge, but also to equip students with skills to pursue a career in academics, diplomacy, journalism, humanitarian and non-governmental work.

## Faculty Profile:

1) Dr. Sanjay K Jha, Dean & Associate Professor (SIS)

**Research Interests:** International Relations, National Security, Internal Security insurgency, terrorism, Maoism—conflict management and resolution, Security and Politics in South Asia and Border Management.

2) Dr. Kishor Jose, Coordinator & Assistant Professor

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

3) Dr. Manasi Singh, Assistant Professor

**Research Interests:** EU External Relations, International and Regional Organizations, Global Governance, Security and Development, Security Institutions and Governance.

4) Dr. Nongmaithem Mohandas Singh, Assistant Professor

**Research Interests:** Security and North-east India, International Relation, Peace and Conflict studies, Russia and Central Asia.

## Academic Achievements

### Faculty

- Dr. Sanjay kr. Jha Presented paper on “India-Pakistan Relations: Contextualising Terrorism and J&K” in a national seminar on "The Neighbourhood Initiatives of the Modi Government: Challenges and road Ahead" organized by UGC Centre for Southern Asia Studies, School of Social Sciences & International Studies, Pondicherry University, Puducherry, India on April 2015
- Dr. Sanjay kr. Jha Delivered keynote address in a two-day international interdisciplinary conference on “Human Rights and Constitutional Reforms from Dr. BR Ambedkar’s Perspective: Past, Present and Future, organized on 10-11, Jan 2015, January at Takshashila Mahavidyalaya, Takshashila (Maharashtra)
- Dr. Sanjay kr. Jha Delivered an invited lecture on “Internal Political Challenges in Pakistan”, to MA Students of Department of Political Science, Goa University, and December 2014 Presented a paper at a two-day International Conference on “Water Security and Inter-state Relations: Management of Floods in North Bihar”, Paper titled “Water Resource Cooperation between India and Nepal”, organized by MAKAIS and BP Koirala Foundation, at Kathmandu, Nepal

- Dr. Sanjay kr. Jha Chaired a session on Trends in Indian Foreign Policy: Energy, Diaspora, Security and World Order, on 2014 April, in a National Seminar on “Interdisciplinary Approaches to Knowledge”, organized by PDPU, Gandhinagar, Gujarat.
- Dr. Sanjay kr. Jha Chaired a parallel session on “Human Rights and Human Dignity”, in a two-day National Conference on “Human Rights in India: Dalits, Tribals and Minorities”, on 2013, November. organised by School of Social Sciences, Central University of Gujarat, Gandhinagar.
- Dr. Kishor Jose, presented a paper titled ‘United Nations and the US hegemony in the Post-Cold war world order at Annual International Studies Convention organised by the School of International Studies, Jawaharlal Nehru University, New Delhi held on 22-23 March,2015
- Dr. Kishor Jose, chaired parallel session at Annual international Studies conference organised by school of International studies, Jawaharlal Nehru University , New Delhi held on 22-23 March,2015
- Dr. N. Mohandas Singh, chaired a parallel session at Annual international Studies conference organised by school of International studies, Jawaharlal Nehru University, New Delhi held on 22-23 March, 2015.

### **StudentsConferences**

- Ann George K.G presented a paper was titled “India-China conflicts in Indian Ocean: Prospects on Challenges and Strategies for India” , International conference on China in Indian Ocean Region at Centre for Indian Ocean Studies, Osmania University, and Hyderabad on 14 November 2014.
- Sushma Devi and Mohd. Arif Rather presented a paper entitled: Emergence of Cyber Security and Transformations in the World Order on 23 March 2015 at Annual International Studies Convention, Jawaharlal Nehru University, and New Delhi
- Mushtaq Ahmad Bhat attended a ten-day course on Research Methodology for Ph.D. Scholars in Social Sciences sponsored by Indian Council of Social Science Research (ICSSR) from 16 to 25 April, 2015 at Sardar Patel Institute of Economic and Social Research, Ahmedabad.
- Awkash Kumar, presented a Paper on the topic entitled "child labour and violation of child rights: a case study of gujarat" in international conference on deepening democracy through participatory local variance at Kerala

## Publications

- Jose Kishor, **Aarif Rawther**(2015) “Human Security: Evolution and conceptualisation” European academic research Journal, Vol.II, issueIV.
- Samarath, Purusottam (2015), "The Evolution of Indo-Myanmar Strategic Relations: A Constructive Engagement", in Narottam Gaan and Susanta Kumar Parida (eds.), India’s Foreign Policy Towards Its Neighbours, New Delhi: Abhijeet Publications, 192-218.
- Madhuri Chawla and Nitin Prashar(2014), “Securitization of HIV/AIDS: a non-traditional security issue” published in international research journal (vol5, issue 4) of management sociology and humanities
- Madhuri Chawla and Nitin Prashar, “HIV/AIDS: A Security threat in India” published in international research journal (vol5, issue9) of management sociology and humanities on nov 12, 2014.
- George, Anns (2014), "Chabahar Port and India's New Strategic Outpost in Middle East", in R.Sidda Goud and Manisha Mookherjee (eds.), India and Iran in Contemporary Relations, New Delhi: Allied Publishers, 87-93

## List of Speakers invited, Title of talk, and date

- Dr. Manish Srivastav, Department of International Relations, Sikkim University, delivered a public lecture on Indo- US nuclear deal on 11 February 2015 at Conference Hall, Academic Block, and Sector 29 campus.
- Dr. Sucharita Sengupta, Department of Political Science, Jamia Millia Islamia, delivered a public lecture on Climate Change Politics in India: Some Contours on 25 February 2015 at Conference Hall, Academic Block, and Sector 29 campus.
- Prof. Shrikant Paranjpe delivered a lecture on defence and strategic 25 February 2015,

## Seminar / Conference organised by Centre

Organised an International conference on the theme of “Building Nations of Peace: Our Shared Responsibility” on 21st September 2014, on the occasion of United Nations International Day of Peace 2014 Central University of Gujarat and Universal Peace Federation (UPF) of India in collaboration with United Nations Information Centre for India and Bhutan .

## School of Life Sciences

Ever since its foundation in 2010, 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 School offers programs of study leading to the award of M.Sc. and M.Phil.-Ph.D. degrees in Life Sciences. The M.Sc. students earn knowledge and training in the basic as well as modern life science along with exposure to advance tools and technics while M.Phil./Ph.D. students are offered one year coursework covering various aspects of advanced courses in techniques and research methodology in biological sciences. The nature of courses is interdisciplinary, intricately integrated with close interface between biological and physical sciences. The school has well equipped Central Instrumentation Facility (CIF) to support the advance experimentation and provide avenues for high quality research. In addition, school has world class, well-equipped laboratories to enable cutting edge research in the field of cancer biology, metabolic disorders and inflammatory pathogenesis, plant virology and biomaterial engineering.

### Core strength/Research Expertise

Research at SLS is primarily focussed on four major areas namely

- **Cancer Biology:** Discovering and evaluating anticancer activities of small molecules (phytochemicals) and providing scientific basis (mechanisms) for their effectiveness in controlling carcinogenesis is a priority area of research.
- **Metabolic disorders and Inflammatory Biology:** Cutting edge translational research is performed to identify new biomarkers for health risk assessment and potential molecular targets for the development of mechanism-based anti-inflammatory drugs for clinical intervention in metabolic disorder & inflammatory pathogens including diabetic and cardiovascular disorders, asthma and COPD.
- **Biomimetic and Biomaterial Sciences:** Major research interest is understanding surface engineering of nano-biomaterials and investigation of structure-property-function relationships of these materials. The applications of these materials include tissue regeneration, stem cell fate regulation, and drug delivery.
- **Plant Viruses:** Molecular plant virology laboratory mainly aims at molecular and functional characterization of Begomoviruses. We aim to identify virus modulated host genes to unravel the mechanism of infection and spreading. Molecular biology, Disease Tolerance, RNA-mediated regulation and silencing of genomes are the key areas of research.

## Programmes of studies

The school offers programme of study leading to M.Sc. and M.Phil./Ph.D. degree in Life Sciences:

Nature of the Programme	Name of the Programme
M.Sc. (2 Years)	M.Sc. in Life Sciences
Integrated M. Phil./Ph. D.	M.Phil/Ph.D. in Life Sciences

The students are offered courses covering various aspects of advanced research in Life Sciences. The nature of courses is interdisciplinary with permeable/pours disciplinary barriers. Further, these courses are integrated with other subjects like chemistry, physics and computer science in view of close interface between biological and physical sciences. The University has well equipped Central Instrument Facility to support the experimentation. In addition to the equipments mentioned above for the CIF, it will also have Flow Cytometer, Cell Sorter, Confocal Microscope, Real-time PCR, Ultracentrifuge, Cell Culture Facility, Green/Glass House, Plant Tissue Culture, etc.

**Year of Establishment:** 2010

**Courses Offered:** M.Sc. in Life Sciences (5 years); Integrated M.Phil./Ph.D. in Life Sciences

### M.Sc. in Life Sciences

**Maximum Intake:** 25

**Students in 2014-15:**

Number of Applications Received	Number of Students who Appeared for Entrance Examinations	Number of Students Admitted
126	98	17

**Gender and Social Category of Students:**

Male	Female	SC	ST	OBC	PH	KM	General
09	08	03	00	07	00	00	07

## M.Phil.-Ph.D. in Life Sciences

**Maximum Intake:** 15

**Students in 2014-15:**

<b>Number of Applications Received</b>	<b>Number of Students who Appeared for Entrance Examinations</b>	<b>Number of Students Admitted</b>
346	278	10

**Gender and Social Category of Students:**

<b>Male</b>	<b>Female</b>	<b>SC</b>	<b>ST</b>	<b>OBC</b>	<b>PH</b>	<b>KM</b>	<b>General</b>
08	02	03	00	03	00	00	04

**Faculty Profile:**

1) Prof. J.P.N. Mishra, Professor and Dean

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

2) Dr. Rana P Singh, Adjunct Professor

**Research Interests:** Carcinogenesis, Tumor Micro environment, Cancer Prevention and Therapeutics.

3) Dr. Umesh C. S. Yadav, Assistant Professor and Ramanujan Fellow

**Research Interests:** Understanding the molecular mechanisms of cytotoxicity leading to chronic inflammatory diseases including diabetic and cardiovascular disorders, and asthma and COPD.

4) Dr. Rajesh Vasita, Assistant Professor

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

5) Dr. Achuit K. Singh, Assistant Professor (on contract)

**Research Interests:** Molecular biology of plant-virus interactions; genetically engineered viral resistance in plants; analysis of genes of plant viruses and the use of viral vectors for gene silencing in plants.

## Publications:

### Books/ Monographs

- Rani V, Yadav UC, *Free Radicals in Human Health and Disease: Oxidative Stress and Human Health*. New Delhi: Springer (India) Private Ltd., 2015.

### Chapters in books

- Rani V, Asthana S, Vadhera M, YadavUC, Atale N. "Tools and techniques to measure oxidative stress." In *Free Radicals in Human Health and Disease: Oxidative Stress and Human Health*, edited by Vibha Rani and Umesh C. S. Yadav, 43-56. New Delhi: Springer India (Pvt.) Ltd., 2015.
- Vundru SS, Prasad N, Patel R, Rani V, YadavUC\*. "Gene-environment interaction in oxidative stress-induced pathologies." In *Free Radicals in Human Health and Disease: Oxidative Stress and Human Health*, edited by Vibha Rani and Umesh C. S. Yadav, 75-90. New Delhi: Springer India (Pvt.) Ltd., 2015. **\*Corresponding author.**
- Dholia N, Ramteke P, Varghese JF, Rani V, YadavUC\*. "Oxidative stress induced molecular and genetic mechanisms in human health and diseases." In *Free Radicals in Human Health and Disease: Oxidative Stress and Human Health*, edited by Vibha Rani and Umesh C. S. Yadav, 91-103. New Delhi: Springer India (Pvt.) Ltd., 2015. **\*Corresponding author.**
- Rani V, Mishra S, Yadav T, YadavUC, Kohli S. "Hydrogen peroxide sensing and signaling." In *Free Radicals in Human Health and Disease: Oxidative Stress and Human Health*, edited by Vibha Rani and Umesh C. S. Yadav, 105-116. New Delhi: Springer India (Pvt.) Ltd., 2015.
- Yadav UC. "Oxidative stress-induced lipid peroxidation: Role in Inflammation." In *Free Radicals in Human Health and Disease: Oxidative Stress and Human Health*, edited by Vibha Rani and Umesh C. S. Yadav, 119-129. New Delhi: Springer India (Pvt.) Ltd., 2015.

### Journal Articles

- Atale N, Gupta S, Yadav UC, Rani V. Cell-death assessment by fluorescent and nonfluorescent cytosolic and nuclear staining techniques. *J Microsc.* 255 (2014): 7-19.
- Surati VKV, Singh RP, Srivastava GK, **Singh AK**. "Evaluation of in vitro antimicrobial activity and essential oil composition of ethanol extract of *Viola odorata* leaves." *World Journal of Pharmacy and pharmaceutical sciences.* 4 (2015): 1121-1129.
- Jhala D. V., Kale, R. K., Singh, R. P. "Microgravity alters cancer growth and progression", *Current cancer drug targets* 14 (4) (2014): 394-406.

## Events of the Centre/Special Centre/School related to Conferences/ Workshops

School of Life Sciences organized 1<sup>st</sup> of the series of Annual seminar series titled “BiYom 2015” on 23<sup>rd</sup> February 2015. It was a one day interactive seminar where invited talks by national and international speakers on various subjects was organized by the school.



Dr. Eun-Rveong Hahm, Department of Pharmacology and Chemical Biology, University of Pittsburgh, USA, presenting her seminar at BiYom-2015 at School of Life Sciences, CUG, Gandhinagar, February 23, 2015.



Audience including invited speakers, faculty members and students in attendance of seminar series under BiYom-2015 at School of Life Sciences, CUG, Gandhinagar, February 23, 2015.

## Research projects undertaken by the Centre/Individual Faculty members.

- Dr Umesh C.S. Yadav has been awarded Ramanujan Fellowship by Department of Science and Technology (DST), Govt. of India, Project Title: Understanding the link between obesity and asthma. Duration: 5 years (2013-2018)

## Conference Participation/ Presentations/ Invited Lectures etc. by Faculty Members and students

- Prasad N, Singh RP, and **Yadav UC**. “Anticancer efficacy of Acacetin against colorectal carcinoma cells.” Poster presented at international conference on Current Advances in Radiobiology, Stem cells and Cancer Research, School of Life Sciences, Jawaharlal Nehru University (JNU), New Delhi, India, February 19-21, 2015.
- Patel R, Varghese JF, **Yadav UC**. “Oxidized LDL (oxLDL) – Novel Mechanisms in Endothelial Dysfunction and Foam Cell Formation.” poster presented in National Symposium on Emerging Trends in Biochemical Sciences, Department of Biochemistry, Faculty of Science, M.S. University of Baroda, Gujarat, India, December 29-31, 2014.
- **Yadav UC**. “To Study the Role of Leukotrienes in the Pathophysiology of Obesity-Induced Lung Inflammation.” Paper presented at 83<sup>rd</sup> Annual meeting of Society of Biological Chemists (India), KIIT University Bhubaneswar, Odisha, India, December 17-21, 2014.
- Prasad N, Tailor D, **Yadav UC**, Singh RP. “Anticancer efficacy of Lupeol against epithelial cancer cells.” Poster presented in International Symposium on Recent Trends in Cancer Research: From OM to OMICS, Gujarat Cancer & Research Institute, Ahmedabad, Gujarat, India, November 24, 2014.
- Dholia N, Singh N, **Yadav UC** and Singh RP. “Potential Effects of Montelukast in Small Cell Lung Carcinoma (A549) Cells. Poster presented in International Symposium on Recent Trends in Cancer Research: From OM to OMICS, Gujarat Cancer & Research Institute, Ahmedabad, Gujarat, India, November 24, 2014.
- **Singh AK**. Participated in International conference on Current Advances in Radiobiology, Stem cells and Cancer Research" School of Life Sciences, Jawaharlal Nehru University (JNU), New Delhi, India, February 19-21, 2015.
- Bhatt BS, **Singh AK**. “Molecular diversity and phylogeography of Begomoviruses infecting vegetable crops in India” paper presented at Advances in Plant breeding and Biotechnology techniques, Doctoral School of The Faculty of Agricultural and Food Sciences, University of West Hungary, Mosonmagyaróvár, Hungary, April 28 – 29, 2014.

- Bhatt BS, **Singh AK**. “Legume yellow mosaic viruses: A prolific threat to grain legume production in India”paper presented at Modern trends in biodiversity conservation and its sustainable utilization (NCBCSU 2014), Department of Botany, Periyar Arts College, Cuddalore, July 17 – 18, 2014.
- Bhatt BS, **Singh AK**. “Analysis of proteomic profile of French bean (*Phaseolus vulgaris* L.) upon infection with begomovirus”paper presented at Plant Pathology: disease diagnosis and management for sustainable agriculture, Indian Phytopathological society, New Delhi (West zone) and Maharashtra Maghavidyalaya, Nilanga, January 24 – 25, 2015.
- Sangeeta, Bhatt BS, **Singh AK**. “Highlight the plasticity of begomovirus betasatellite as a pathogenicity factor to modulate symptoms in tomato plant”paper presented at National Conference on Science, Technology & production, The oxford college of science, Karnataka, February 5-6, 2015.
- Yadav B, **Singh AK**. “Role of begomovirus betasatellite in okra leaf curl disease from India” paper presented at IIAR, Gandhinagar, February 27-28, 2015.
- Bhatt BS, **Singh AK**. “Proteomic approaches to study Plant – Virus interactions” paper presented at International seminar on Frontiers in Life Sciences Research: Challenges and Prospects (BiYoM – 2015), School of Life Sciences, Central University of Gujarat, Gandhinagar, February 23, 2015.
- Bhatt BS, **Singh AK**. “Analysis of proteomic profile of French bean (*Phaseolus vulgaris* L.) upon infection with begomovirus paper presented at national symposium of Phytopathological society, New Delhi and ICAR – Indian Institute of Spices Research on Understanding host – pathogen interaction through science of omics, ICAR – Indian Institute of Spices Research, Kozhicode, Kerala, Indian, Kozhicode, Kerala, March 16 – 17, 2015.
- Jhala D, **Vasita R**. “Homing mesenchymal stem cells in their biomimetic environment” poster presentation at T-NANO 2014 international conference held by Ahmedabad University in December-2014
- Jhala D, **Vasita R**. “Polycaprolactone-Chitosan Nanofibrous Scaffold as an Artificial Stem Cell Niche” poster presentation at “Biomaterials2014” Asian Polymer Association organised international conference held by IIT Delhi in October – 2014 ( Best poster award).
- Kedaria D, **Vasita R**. “Development of 3D tumour model for lung cancer.” poster presentation at Biomaterials2014 Asian Polymer Association organised international conference held by IIT Delhi in October – 2014
- Kedaria D, **Vasita R**. “Modified dextran-chitosan based self-cross-linked hydrogel as 3D tumour model for lung cancer.” Poster presented at International conference on Goodbye Flat Biology: 3D Models and the Tumour Microenvironment. Berlin, Germany November 2014.

- Kartha AB, **Singh RP**. “Andrographolide inhibits cell proliferation and induces S phase arrest and apoptosis selectively in head and neck cancer FaDu cells” Poster presented at International Symposium on Recent Trends in Cancer Research: From OM to OMICS, organized by Gujarat Cancer Research Institute, Ahmedabad, Gujarat on Nov 24, 2014.
- Sharma A, **Singh RP**. “To study the effect of Anti-epileptic drug on glutamate and EGF receptors in glioblastoma” Poster presented at “International Symposium on Recent trends in cancer research: from OM to OMICS” organized by GCRI, Gujarat on Nov 24, 2014.
- Mohan V, **Singh RP**. “Anticancer potential of evodiamine on human carcinoma cells”. Poster presented at International symposium on current advances in Radiobiology, stem cells and cancer research organized by Jawaharlal Nehru University, New Delhi, February 19-21, 2015.
- Kumar K, Sabarwal A, Tailor D, Agarwal R, **Singh RP**. “Mancozeb induces apoptosis in human gastric carcinoma cells accompanied by activation of Reactive Oxygen Species” Poster presented at International Symposium on Current Advances in Radiobiology, Stem cells and Cancer Research organized by School of Life Sciences, Jawaharlal Nehru University (JNU), New Delhi, India, February 19-21, 2015.
- Kandhari K, Singh N, **Singh RP**. “Inhibitory effect of Usnic acid on proliferation and survival of Lung cancer cells A549 and H1299” Poster presented at International symposium on current advances in Radiobiology, stem cells and cancer research organized by JNU, New Delhi, February 19-21, 2015.
- Tailor D, Hahm ER, Singh SV, **Singh RP**. “Butyric acid reverts DRP1-induced cell migration, epithelial–mesenchymal transition and stemness in colorectal cancer cells”. Poster presented at International Symposium on Current Advances in Radiobiology, Stem cells and Cancer Research organized by School of Life Sciences, Jawaharlal Nehru University (JNU), New Delhi, India, February 19-21, 2015.
- Sabarwal A, Agarwal R, **Singh RP**. “p53 independent G1 arrest accompanied by DNA damage and apoptosis induced by dietary flavonoid Fisetin in human gastric cancer cells” Poster presented at International symposium on current advances in Radiobiology, stem cells and cancer research organized by JNU, New Delhi, February 19-21, 2015.
- Tailor D, Hahm ER., Singh SV, **Singh RP**. “Butyric acid reverts DRP1-mediated cell proliferation and migration in colorectal cancer cells”. Poster presented at AACR-2015, Philadelphia, Pennsylvania, USA, April 18-22, 2015.

## Awards/ Honours/ Distinctions

- Dr. Umesh C. S. Yadav was invited as lead guest editor for a special issue “Oxidative Stress in Metabolic Disorders: Pathogenesis, Prevention, and Therapeutics” of the journal ‘Oxidative Medicine and Cellular Longevity’ Hindawi Publishing Corporation, 2015.

## List of Speakers invited, title of their talk, date(s), with photographs

- Moorthy Krishnan, Division of Biomedical Sciences, University of California, Riverside, CA, USA. Title of the Talk: - VSL#3 probiotic stimulates T-cell protein tyrosine phosphatase-mediated protection of intestinal epithelial barrier function. February 23, 2015.
- Eun-Rveong Hahm, Dept. of Pharmacology and Chemical Biology, University of Pittsburgh, PA, USA. Title of the Talk: - Molecular insights into breast cancer prevention by withaferin A. February 23, 2015.
- Anand K. Tiwari, Genetics and Developmental Biology Dept., University and Institute of advanced research/IIAR, Gandhinagar, India. Title of the Talk: - Drosophila melanogaster as an alternate animal model for biological research. February 23, 2015.
- Sunil Kumar Singh, Dept. of Botany, M.S. University of Baroda, Vadodara, India. Title of the Talk: - Programmed cell death and vascular tissues differentiation in plants. February 23, 2015.
- Rajesh Singh, Dept. of Biochemistry, M.S. University of Baroda, Vadodara, India. Title of the Talk: - Cell death and NF- $\kappa$ B: “Linkages through Ubiquitin Ligases and miRNA”. February 23, 2015.

## Student’s Publication

### Chapters in books

- Vundru SS, Prasad N, Patel R, Rani V, Yadav UC\*. “Gene-environment interaction in oxidative stress-induced pathologies.” In *Free Radicals in Human Health and Disease: Oxidative Stress and Human Health*, edited by Vibha Rani and Umesh C. S. Yadav, 75-90. New Delhi: Springer India (Pvt.) Ltd., 2015.\*Corresponding author.
- Dholia N, Ramteke P, Varghese JF, Rani V, Yadav UC\*. “Oxidative stress induced molecular and genetic mechanisms in human health and diseases.” In *Free Radicals in Human Health and Disease: Oxidative Stress and Human Health*, edited by Vibha Rani and Umesh C. S. Yadav, 91-103. New Delhi: Springer India (Pvt.) Ltd., 2015. \*Corresponding author.

## Journal Articles

- Surati VKV, Singh RP, Srivastava GK, Singh AK. "Evaluation of in vitro antimicrobial activity and essential oil composition of ethanol extract of *Viola odorata* leaves." World Journal of Pharmacy and pharmaceutical sciences. 4 (2015): 1121-1129.
- Jhala D. V., Kale, R. K., Singh, R. P. "Microgravity alters cancer growth and progression", Current cancer drug targets 14 (4) (2014): 394-406.

## Conference Participation/ Presentations/ Invited Lectures etc. by students

- Prasad N, Singh RP, and Yadav UC. "Anticancer efficacy of Acacetin against colorectal carcinoma cells." Poster presented at international conference on Current Advances in Radiobiology, Stem cells and Cancer Research, School of Life Sciences, Jawaharlal Nehru University (JNU), New Delhi, India, February 19-21, 2015.
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- Kartha AB, Singh RP. “Andrographolide inhibits cell proliferation and induces S phase arrest and apoptosis selectively in head and neck cancer FaDu cells” Poster presented at International Symposium on Recent Trends in Cancer Research: From OM to OMICS, organized by Gujarat Cancer Research Institute, Ahmedabad, Gujarat on Nov 24, 2014.

- Sharma A, Singh RP. “To study the effect of Anti-epileptic drug on glutamate and EGF receptors in glioblastoma” Poster presented at “International Symposium on Recent trends in cancer research: from OM to OMICS” organized by GCRI, Gujarat on Nov 24, 2014.
- Mohan V, Singh RP. “Anticancer potential of evodiamine on human carcinoma cells”. Poster presented at International symposium on current advances in Radiobiology, stem cells and cancer research organized by Jawaharlal Nehru University, New Delhi, February 19-21, 2015.
- Kumar K, Sabarwal A, Tailor D, Agarwal R, Singh RP. “Mancozeb induces apoptosis in human gastric carcinoma cells accompanied by activation of Reactive Oxygen Species” Poster presented at International Symposium on Current Advances in Radiobiology, Stem cells and Cancer Research organized by School of Life Sciences, Jawaharlal Nehru University (JNU), New Delhi, India, February 19-21, 2015.
- Kandhari K, Singh N, Singh RP. “Inhibitory effect of Usnic acid on proliferation and survival of Lung cancer cells A549 and H1299” Poster presented at International symposium on current advances in Radiobiology, stem cells and cancer research organized by JNU, New Delhi, February 19-21, 2015.
- Tailor D, Hahm ER, Singh SV, Singh RP. “Butyric acid reverts DRP1-induced cell migration, epithelial–mesenchymal transition and stemness in colorectal cancer cells”. Poster presented at International Symposium on Current Advances in Radiobiology, Stem cells and Cancer Research organized by School of Life Sciences, Jawaharlal Nehru University (JNU), New Delhi, India, February 19-21, 2015.
- Sabarwal A, Agarwal R, Singh RP. “p53 independent G1 arrest accompanied by DNA damage and apoptosis induced by dietary flavonoid Fisetin in human gastric cancer cells” Poster presented at International symposium on current advances in Radiobiology, stem cells and cancer research organized by JNU, New Delhi, February 19-21, 2015.
- Tailor D, Hahm ER., Singh SV, Singh RP. “Butyric acid reverts DRP1-mediated cell proliferation and migration in colorectal cancer cells”. Poster presented at AACR-2015, Philadelphia, Pennsylvania, USA, April 18-22, 2015.

### **Awards/ Honours/ Distinctions**

- Bhavin Bhatt 1st rank in Prof. M. J. Narsimhan academic merit award contest by Indian Phytopathological Society, New Delhi (West Zone).
- Mr. Dhaval Kedaria received International Travel Bursary Award by European Association for Cancer Research for poster presentation at “International conference on Goodbye Flat Biology: 3D Models and the Tumour Microenvironment”. Berlin, Germany (November, 2014).

- In mentorship of Dr. Rajesh Vasita, a team comprising of his two PhD students Ms. Dhvani Jhala as a Team leader and Mr. Dhaval Kedaria with three PhD students from IIT Bombay won DBT-ABLE bio-business plan competition (3rd prize winner). Dept. of Biotechnology, Govt. of India in Association with ABLE organised BEST 2014 held at Bangalore in October-2014.
- Bhavin Bhatt, National Scholarship Programme of Slovak Republic - 3-month scholarship in the framework of the National Scholarship Programme of the Slovak Republic for the Support of Mobility of Students, PhD students, University Teachers, Researchers and Artists in the summer semester of the academic year 2013/2014, February 2014 to April 2014.
- 2nd Best poster award to Neeraj Dholia for “Potential Effects of Montelukast in Small Cell Lung Carcinoma (A549) Cells” presented at “International Symposium on Recent trends in cancer research: from OM to OMICS” organized by GCRI, Gujarat on Nov 24, 2014.
- Best Poster award to Narendra Singh for “Inhibitory effect of Usnic acid on proliferation and survival of Lung cancer cells A549 and H1299” at International symposium on current advances in Radiobiology, stem cells and cancer research held at JNU, New Delhi, 19-21 Feb, 2015.
- Best Poster award to Akash Sabarwal for “p53 independent G1 arrest accompanied by DNA damage and apoptosis induced by dietary flavonoid Fisetin in human gastric cancer cells” at International symposium on current advances in Radiobiology, stem cells and cancer research held at JNU, New Delhi, 19-21 Feb, 2015.
- Best poster award to Dhvani Jhala for “Polycaprolactone-Chitosan Nanofibrous Scaffold as an Artificial Stem Cell Niche” at ‘Biomaterials2014’ Asian Polymer Association organised international conference held by IIT Delhi in October – 2014.

### **Co-curricular activities (Outreach and Extension, Socially relevant activities, any others)**

- SLS students (Girls) won 1<sup>st</sup> prize in Tug-of-War -Women held during annual games week 2015 in Central University of Gujarat.
- SLS students (Boys) won 2<sup>nd</sup> prize in Tug-of-War-Men held during annual games week 2015 in Central University of Gujarat.
- SLS students (Boys) won 2<sup>nd</sup> prize in Cricket-Men held during annual games week 2015 in Central University of Gujarat.
- SLS students won 3<sup>rd</sup> Prize in men’s singles and doubles table tennis held during annual games week 2015 in Central University of Gujarat.

## School of Chemical Sciences

**Year of Establishment:** 2010

The School of Chemical Sciences offers M.Sc. and M.Phil.-Ph.D. programmes and a certificate course, the details of which are given below:

<b>Nature of the Programme</b>	<b>Name of the Programme</b>
M.Sc. (2 Years)	M.Sc. in Industrial Chemistry
M.Sc. (2 Years)	M.Sc. in Chemical Sciences
Integrated M. Phil.-Ph.D.	M.Phil.-Ph.D. in Chemical Sciences
<b><i>Certificate Course</i></b>	
Six Months Certificate Course	Analytical Techniques For Visually Challenged (ATVC)

The School of Chemical Sciences was established to become a unique centre of learning and to foster innovative scientific ideas through interdisciplinary teaching and research in the cutting edge areas of the natural sciences. A student graduating with M.Sc. and/or M.Phil./Ph.D. degree in Chemical Sciences would have been exposed to almost every aspect of the subject: Theoretical, Applied, Instrumental, Computational and Experimental. As a part of coursework, students are exposed to advanced knowledge in various subjects such as green, nano and emulsion technologies as well as organic synthesis, medicinal chemistry, polymerization, dyes and drugs.

The goal of the certificate course is to enable visually challenged people to seek employment opportunities in the quality control of daily use products or materials such as soap, detergents and drugs.

The School has well-equipped research laboratories with advanced experimental facilities and computational approach. The Survisometer and Visionmeter are the creations of the School under the supervision of the eminent scientist, Prof. Man Singh, Dean, SCS. The Survisometer is Green Analytical Tech (GAT) for physicochemical studies and Visionmeter would teach the chemical sciences to visually challenged people.

### **Faculty Profile:**

1) Prof. ManSingh, Dean

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

2) Dr. Prakash Chandra Jha, Assistant Professor

Research Interest : MultiScale Modelling from Molecules to Materials, Computer Modelling of Skin sensitization Potentials and reactivity of chemicals, Computational Chemistry Based Nonanimal Predictive modeling for skin sensitization and Toxicity, Rational approach to design transporting materials towards efficient energy harvesting.

3) Mr. L. Raju Chowhan, Assistant Professor

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

4) Dr. Dhananjay Mondal, Assistant Professor (on contract)

Research areas : Total synthesis of bioactive natural products; New methodology based biologically active molecules; Peptidomimetics.

## Centre for Applied Chemistry

Year of Establishment: 2012

Courses Offered: M.Sc. in Industrial Chemistry (2 years)

Maximum Intake: 25

Students in 2014-15:

Number of Applications Received	Number of Students who Appeared for Entrance Examinations	Number of Students Admitted
113	87	13

Gender and Social Category of Students:

Male	Female	SC	ST	OBC	PH	KM	General
08	05	01	00	04	00	00	08

Objectives of the Centre:

The centre for applied chemistry was started under the school of chemical sciences, which offers 2 years M. Sc. in Industrial Chemistry. The mission of our centre is to build a world class teaching and research infrastructure on chemistry. Being located in the hub of chemical and pharmaceutical industry in the state of Gujarat, the aim of the centre is to providing application based knowledge with global platform for employability and serving the mankind. The centre is equipped with sophisticated instrumentation facility that will enable researchers/students to take up challenging problems in chemical/pharmaceutical/materials based industry. The students are encouraged to visit many technical/non-technical institutes besides industry for doing their summer/dissertation project. Dr. Prakash C Jha is coordinator for centre of applied chemistry.

## Centre for Studies in Chemistry

Year of Establishment: 2012

**Courses Offered:** Integrated M.Phil.-Ph.D. in Chemical Sciences (2 years); M.Sc. in Chemical Sciences

**Maximum Intake:** 15 for M.Phil.-Ph.D. and 25 for M.Sc.

### Integrated M.Phil.-Ph.D. Students in 2014-15:

Number of Applications Received	Number of Students who Appeared for Entrance Examinations	Number of Students Admitted
134	95	15

### Gender and Social Category of Students:

Male	Female	SC	ST	OBC	PH	KM	General
07	08	03	00	05	00	00	07

### M.Sc. in Chemical Sciences: Students in 2014-15:

Number of Applications Received	Number of Students who Appeared for Entrance Examinations	Number of Students Admitted
148	123	18

### Gender and Social Category of Students:

Male	Female	SC	ST	OBC	PH	KM	General
14	04	02	01	01	00	01	13

## Faculty Achievements

### Publications/ Research Articles

#### Prof. Man Singh

- Man Singh, “Extra elements detection in organic compounds by nonbreakable sodium ignition apparatus (NOSIA)” *Green Chemistry Letters and Reviews*, 2015, 8, 1–7.
- RK Ameta, Man Singh, “Surface tension, viscosity, apparent molal volume, activation viscous flow energy and entropic changes of water + alkali metal phosphates at T=(298.15, 303.15, 308.15) K” *Journal of Molecular Liquids*, 2015,203, 29-38.
- Shivani R Pandya, Sachin B Undre, Man Singh, “Dispersion and optical activities of synthesized magnetic nanoparticles with organic acids and dendrimers in DMSO with UV/Vis spectrophotometry” *Journal of Molecular Liquids*, 2015, 211,146-156.
- Vivek Patidar, Abhishek Chandra, Man Singh and R.K. Kale “Physiochemical and Phase behaviour study of Jatropha curcus oil - ethanol microemulsion fuels using sorbitan fatty esters” *International Journal of Renewable and Sustainable Energy*,2014,3,13-19. 6.
- Vivek Patidar, Abhishek Chandra, Man Singh and R.K. Kale “Phase behaviour and physicochemical study of Karanj oil-ethanol microemulsion as alternative renewable biofuel” *Journal of Scientific & Industrial Research*, 2014, 73, 461-464.
- Shrikant S Maktedar, Shantilal S Mehetre, Man Singh, R.K. Kale “Ultrasound irradiation: A robust approach for direct functionalization of graphene oxide with thermal and antimicrobial aspects” *Ultrasonics Sonochemistry*, 2014, 21, 1407-1416.
- Prabodh Ranjan, Bheru Singh Kitawat, Man Singh, “1-Butylimidazole-Derived Ionic Liquids: Synthesis, Characterization and Evaluation of Their Antibacterial, Antifungal and Anticancer” *RSC Advances*, 2014, 4, 53634-53644.
- Dinesh Kumar, Abhishek Chandra, and Man Singh “Influence of Urea on Shifting Hydrophilic to Hydrophobic Interactions of Pr(NO<sub>3</sub>)<sub>3</sub>, Sm(NO<sub>3</sub>)<sub>3</sub>, and Gd(NO<sub>3</sub>)<sub>3</sub> with BSA in Aqueous Citric Acid: A Volumetric, Viscometric, and Surface Tension Study” *J. Chem. Eng. Data*, 2014, 59 , 3643–3651.
- Bheru Singh Kitawat and Man Singh “Synthesis, characterization, antibacterial, antioxidant, DNA binding and SAR study of a novel pyrazine moiety bearing 2-pyrazoline derivatives” *New J. Chem.*, 2014, 38, 4290-4299
- R.K. Ameta, Man Singh “A thermodynamic in vitro antioxidant study of vitamins B (niacin and niacin amide) and C (ascorbic acid) with DPPH through UV spectrophotometric and physicochemical methods” *Journal of Molecular Liquids*, 2014,195, 40–46.

- Parth Malik, R.K. Ameta, Man Singh, “Preparation and characterization of bionanoemulsions for improving and modulating the antioxidant efficacy of natural phenolic antioxidant curcumin” *Chemico-biological Interactions*, 2014, 222, 77-86,.
- R. K. Ameta and Man Singh, “Structure making and breaking effects of molionic aqueous solutions estimated with density, apparent molal volume, surface tension, viscosity, friccohesity, activation energy and entropy at 293.15 K” *Journal of Harmonized Research in Applied Sciences*, 2014, 2,118-127.
- Md. Rizwan, Man Singh, Chanchal K. Mitra, and Roshan K. Morve “Ecofriendly Application of Nanomaterials: Nanobioremediation” *Journal of Nanoparticles*, 2014, 431787, 7.
- Parth Malik, Ravi Shankar, Vibhuti Malik, Nitin Sharma and Tapan Kumar Mukherjee “Green Chemistry Based Benign Routes for Nanoparticle Synthesis” *Journal of Nanoparticles*, 2014, 14, Article ID 302429.

### Other achievements

- Prof. Man Singh acted as Advisory committee for, The 5th Asia-Oceania Conference on Green and Sustainable Chemistry on 15-17th Jan 2015 New Delhi, India.
- Prof. Man Singh, participated in ‘Introduction to Gaussian: Theory and Practice’ Gaussian G09 Workshop in Ulm, Germany, July 28 - August 1, 2014.
- Prof. Man Singh selected for ‘10th Summer School organised by Indian oil Institute of Petroleum Management’, Sector-18, Gurgaon, 1-5th June 2015.
- Total six students submitted their MPhil students in SCS and six students of nanoscience submitted their MPhil dissertation.

### Dr. Prakash C. Jha

#### Publications

- Implementation of pseudoreceptor-based pharmacophore queries in the prediction of probable protein targets: explorations in the protein structural profile of Zea mays Sivakumar Prasanth Kumar, **Prakash C. Jha**, Himanshu A. Pandya and Yogesh T. Jasrai, *Mol. Bio.Syst.*, 2014, 10, 1833-184.
- Function of substituents in coordination behaviour, thermolysis and ligand crossover reactions of phosphine oxides, B. B. Pavankumar, E. Veerashekhhar Goud, R. Selvakumar, S. K. Ashok Kumar, Akella Sivaramakrishna, Kari Vijayakrishna, C. V. S. Brahmananda Rao, K. N. Sabharwal and **Prakash C. Jha** ,*RSC Adv.*, 2015, 5, 4727-4736.
- Biophysical Characterization and Molecular Docking Studies of Imidazolium Based Polyelectrolytes–DNA Complexes: Role of Hydrophobicity, Kasina Manojkumar, K. T. Prabhu Charan, Akella

Sivaramakrishna, **Prakash C. Jha**, Vijay M. Khedkar, Ramamoorthy Siva, Gurunathan Jayaraman , and Kari Vijayakrishna, *Biomacromolecules*, 2015, 16 (3), pp 894–903.

- Synthesis, biological evaluation and molecular docking studies of N-acylheteroaryl hydrazone derivatives as potential antioxidant and anti-inflammatory agents, Pravin S. Mahajan, Mukesh D. Nikam, Vijay M. Khedkar, **Prakash C. Jha**, Dhiman Sarkar, Charansingh H. Gill, *Research on Chemical Intermediates*, 2015( Accepted for Publication).
- Quantum Chemical Study of Mixed-Ligand Monometallic Ruthenium (II) Complex of Composition [(bpy)2Ru (H3Imbzim)](ClO4)2•2H2O, Mohsin Yousuf Lone and **Prakash Chandra Jha**, *Journal of Quantum Chemistry*, Volume 2014 (2014), Article ID 149380.
- Evaluation of Fennel Seed Extract as a Green Corrosion Inhibitor for Pure Aluminum in Hydrochloric Acid: An Experimental and Computational Approach, Divya G. Ladha, Poonam M. Wadhvani, Mohsin Y. Lone, **Prakash C. Jha** and Nisha K. Shah, *Anal. Bioanal. Electrochem.*, Vol. 7, No. 1, 2015, 59-74.
- Corrosion inhibition and adsorption behaviour of black pepper extract on pure aluminum in hydrochloric acid medium: A combined experimental and computational study, D.G. Ladha, S. Kumar, P.M. Wadhvani, **P.C. Jha**, N.K. Shah, *Pigment & Resin Technology: The international journal of colorants, polymers and colour applications*, 2015( Accepted for publication)
- Theoretical Study of Chloro-N-(4-methoxybenzylidene)aniline Derivatives as Corrosion Inhibitors for Zinc in Hydrochloric Acid, S. Kumar, D. G. Ladha, **P. C. Jha**, and N. K. Shah , *International Journal of Corrosion*, Volume 2014 (2014), Article ID 819643.
- The effect of various atomic partial charge schemes to elucidate consensus activity-correlating molecular regions: a test case of diverse QSAR models, Sivakumar Prasanth Kumar, **Prakash C. Jha**, Yogesh T. Jasrai & Himanshu A. Pandya, *JBSD*, 2015; DOI:10.1080/07391102.2015.1044474.
- Molecular interaction of selected phytochemicals under the charged environment of Plasmodium falciparum chloroquine resistance transporter (PfCRT) model, Saumya K. Patel, Vijay M. Khedkar, **Prakash C. Jha**, Yogesh T. Jasrai, Himanshu A. Pandya, Linz-Buoy George, Hyacinth N. Highland & Adam A. Skelton, *JBSD*, 2015, DOI:10.1080/07391102.2015.1028449.
- Structural insights into the theoretical model of Plasmodium falciparum multi drug resistance protein (PfMDR1) and its interaction with phytochemicals as efficacious antimalarial drugs: an in silico and in vitro approach, Saumya K. Patel, **Prakash C. Jha**, Yogesh Jasrai, Himanshu A. Pandya & Linz George, *JBSD*, Volume 33, Supplement 1, May 2015, pages 132-134.

#### Other Achievements

Invited Talk Delivered:

- National Level workshop on Scientific Applications on PARAM Yuva supercomputer held at Pune on 8-9th Jan, 2015.

- National seminar organized by chemistry department sponsored by UGC & GUJCOST at MG Science Institute, Ahmedabad held on 27-28 Dec, 2014.
- National conference on “New Horizons in drug design”, organized by L. M. Pharmacy, Ahmedabad held on March 1-3, 2015.
- National seminar on "Molecular Modeling & Medicinal Chemistry" on 21st March 2015 organised by Applied Botany Centre (ABC), Department of Botany, University School of Sciences, Gujarat University, Ahmedabad- 380009, India.

#### Mr. Raju Chowhan

- Received the SERB funded project entitled “Stereoselective Synthesis of bicyclic  $\gamma$ -Lactones and its application in total synthesis of hagens gland lactone, *trans*-Kumausyne and Kumausallene”.

#### Dr. Dhananjay Mondal

##### Publications

- Smritilekha Bera, **Dhananjay Mondal**, Jacob T. Martin, and Man Singh, Potential effect of ultrasound on carbohydrates, *Carbohydrate Research*, 2015, 410, 15-35.
- Smritilekha Bera, **Dhananjay Mondal** and B. Chatterjee, An Expedient Strategy towards an Advanced Pyrrolidine Intermediate for the Synthesis of Pyrrolizidine Alkaloids, *Chemistry Letter*, 2015, 150188.
- B. Chatterjee, Smritilekha Bera, and **Dhananjay Mondal**, Application of Julia-Kocienski reaction for the preparation of macrolactone core, *Tetrahedron: Asymmetry* 2014, 25, 1-55.
- **Dhananjay Mondal\*** and, Smritilekha Bera Porphyrin and phthalocyanine-based light triggered antibacterial nanoparticles, *Adv. Nat. Sci.: Nanosci. Nanotechnol.*, 2014, 5, 033002 (14pp).

##### Achievements:

As supervisor in the Academic Session 2014-2015:

- Mr. Ayan Chakraborty and Mr. Arijit Saha completed their Master Project in M.Sc. in Chemical Sciences.
- Mr. Anil Kumar completed his M.Phil. dissertation in Nanoscience in the topic entitled “Anti-Dermatophyte and Molecular Aspect of Agrobacterium Genesis of Selenium Nanoparticles”.
- Ms. Reena Rathod completed her M.Phil. dissertation in Chemical Sciences in the topic entitled “Synthesis and Characterization of New Fluorescein-Based Fluorescent Probe for Metal Ion Detection”.
- Mr. Shivang Desai completed his M.Phil. dissertation in Chemical Sciences in the topic entitled “Synthesis and characterization of carbohydrate-based biodegradable nanopolyurethane for the purification of biodiesel”.
- Two research scholars, Ms. Reena Rathod and Mr. Shivang Desai presented their poster individually in National Conference on FCSPI-2015 organized by Central University of Gujarat on 10-11th April 2015 and Mr. Shivang Desai was awarded in the conference for recognition of his research work.

•Mr. Shivang Desai also participated in the workshop on “LC-MS/MS and GC-MS instruments” held at Sophisticated Instrumental Centre for applied Research & Testing (SICART), Vallabh Vidyanagar on 23-24th January, 2014.

### Seminars/ conferences/ symposiums/ workshops

The SCS has organized two days National Conference on ‘The Frontiers of Chemical Sciences and Potential Interfaces’ (FCSPI-2015) on 11-12th Nov.2015.





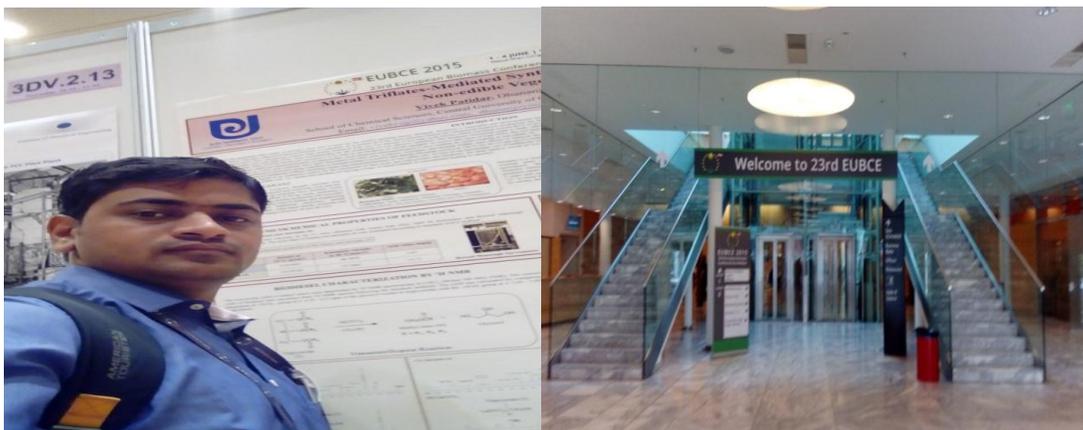
## Student Achievements

- Vivek Patidar, Dhananjoy Mondal, Man Singh, Poster entitled “Metal triflates-mediated synthesis of biodiesels from non-edible vegetable oils” presented in “23<sup>rd</sup> European Biomass Conference and Exhibition” June 1-4, 2015 in Vienna, Austria.
- Shivani Rajivkumar Pandya attended training Programme on “Thin Film Coating & Characterization techniques” February 20<sup>th</sup> -24<sup>th</sup> 2015, organised by Centre for nanoscience and Nanotechnology, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai-600119
- Nitin Kumar Sharma, Man Singh “Synthesis, characterization, antibacterial, antifungal and antioxidant studies of Palladium (II) complexes: An *in vitro* study” presented in *National Conference on The Frontiers of Chemical Sciences and Potential Interfaces’ (FCSPI-2015)*, Central University of Gujarat, Gandhinagar.
- Vaishali Shukla, Man Singh “In-situ Opto-electronics orbital model: A study of novel water soluble photo-luminescent ZnS-L cysteine: core-shell nanoparticles” presented in *National Conference on The Frontiers of Chemical Sciences and Potential Interfaces’ (FCSPI-2015)*, Central University of Gujarat, Gandhinagar.
- Reena Tondwal presented poster entitled “Comparative study of binding and release of methotrexate drug with TTDMM and Magnetic nanoparticles aggregated TTDMM dendrimer” in *National Conference on The Frontiers of Chemical Sciences and Potential Interfaces’ (FCSPI-2015)*, Central University of Gujarat, Gandhinagar.
- Reena Tondwal presented poster entitled “Binding and release dynamics of methotrexate with series of increasing alkyl chain of 1st tier dendrimers” in *4<sup>th</sup> National Symposium on Recent Advances in Analytical Sciences and Applications (NSAS-2015)*, Jamia Hamdard University, Delhi.
- Vaishali Shukla attended training Programme on “Thin Film Coating & Characterization techniques” February 20<sup>th</sup> -24<sup>th</sup> 2015, organised by Centre for nanoscience and Nanotechnology, Sathyabama University, Jeppiaar Nagar, Rajiv Gandhi Road, Chennai-600119

- Abhishek Chandra participated in oral presentation on “Influence of Urea and Bovine Serum Albumin on Interaction Behavior of  $\text{Pr}(\text{NO}_3)_3$ ,  $\text{Sm}(\text{NO}_3)_3$ , and  $\text{Gd}(\text{NO}_3)_3$  with Aqueous Citric Acid: A Volumetric, Viscometric, Surface Tension, and Friction Study” at The Frontiers of Chemical Sciences and Potential Interfaces (FCSPI-2015), 10-11<sup>th</sup> April 2015, Gandhinagar, Gujarat
- Abhishek Chandra was selected for participation in Winter School on Computational Chemistry, held from December 29, 2014 - January 10, 2015 at UGC Networking Resource Center, School of Chemistry, University of Hyderabad.

## Awards

Vivek Patidar received young scientist international travel grant from science and engineering research board (SERB), Department of science and technology, Government of India to participate in 23<sup>rd</sup> European biomass conference and exhibition 2015, Vienna, Austria.



Poster presented in “23<sup>rd</sup> European Biomass conference and Exhibition”, June 1-4, 2015 in Vienna, Austria.

## Achievements

### Centre for Applied Chemistry

- The coordinator of the centre, Dr. P.C. Jha’s co-authored research publication has been received 2nd best prize in recognition of outstanding publication in the field of Computer Aided Drug and Molecular Design in year 2014, by Vlife Sciences, Pune (only Indian company working in software development).
- Another Ph.D. student of Co-ordinator, Haamid Rasool Bhat, has been declared first prize in workshop presentation in 3 Days, 5th National Level Workshop on "Computer Aided Drug Designing" held on 13<sup>th</sup>-15<sup>th</sup> March 2015 organised by RASA Life Science Informatics & Padmashree Dr. D. Y. Patil Institute of Pharmacy & Engineering, Pune- 411044, India.
- Another Ph.D. student of Co-ordinator, Mohd. Athar, has been declared as the first prize winner in the poster presentation in the seminar on "Molecular Modeling & Medicinal Chemistry" on 21st March

2015 organised by Applied Botany Center (ABC), Department of Botany, University School of Sciences, Gujarat University, Ahmedabad- 380009, India.

- Another collaborative work of the co-ordinator has been presented as poster in Albany 2015: The 19<sup>th</sup> Conversation June 9-13, 2015 at Albany USA.

### **Training programme Participation:**

- M.Sc. industrial chemistry students of the centre has participated in short term training programme (STTP) on “*Advanced Analytical Techniques for Materials Characterization (AATMC-2015)*” 23rd – 27th February 2015 held at SVNIT, Surat, Gujarat.

## School of Environment and Sustainable Development

**Year of Establishment:** 2011

**Courses Offered:** M.Phil/Ph.D. Environment and Sustainable Development; M.Sc. in Environment and Sustainable Development (started in 2015-16)

**Maximum Intake:** 15 (for integrated M.Phil.-Ph.D.)

**Students in 2014-15:**

Number of Applications Received	Number of Students who Appeared for Entrance Examinations	Number of Students Admitted
235	184	15

**Gender and Social Category of Students:**

Male	Female	SC	ST	OBC	PH	KM	General
04	11	03	00	03	01	00	08

**Faculty Profile:**

1) Dr. M. H. Fulekar, Professor & Dean

**Research Interests:** Environmental Science; Environmental Biotechnology; Environmental Nanotechnology

2) Dr. Rajesh Singh, Assistant Professor

3) Dr. Paulami Sahu, Assistant Professor

**Research Interests:** Hydrogeology, Groundwater modelling, Groundwater Management, Remote Sensing and GIS

4) Dr. Kumari Rina, Assistant Professor

**Research Interests:** Hydrogeology, Geochemistry, Water Resource Management, Biodiversity, Natural resource management, Remote sensing and GIS, Land use/Land cover studies

5) Dr. Dheeraj Rathore, Assistant Professor

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

6) Dr. Bhawana Pathak, Assistant Professor (On Contract)

**Research Interests:** Plant behaviour Ecology Biodiversity conservation; Environmental Biotechnology, and Environmental Nanotechnology

## ACADEMIC ACHIEVEMENTS OF THE FACULTY

### PUBLICATIONS

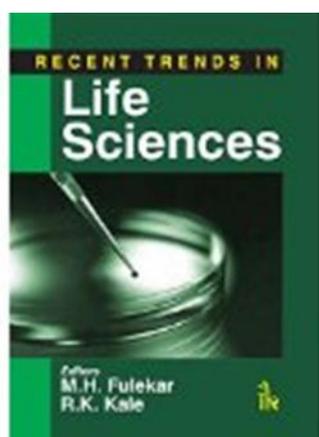
#### Articles in Journals

1. Amit Kumar Yadav, Bhawana Pathak, **M. H. Fulekar** (Feb 2015) Rhizofiltration of Heavy Metals (Cadmium, Lead and Zinc) From Fly Ash Leachates Using Water Hyacinth (*Eichhornia Crassipes*), *International Journal of Environment*. Vol. 4 (1), pp: 179-196. DOI: <http://dx.doi.org/10.3126/ije.v4i1.12187>
2. Davood A. Dar., Bhawana Pathak and **M. H. Fulekar** (Feb 2015) Assessment of Soil Organic Carbon Stock of Temperate Coniferous Forests in Northern Kashmir. *International Journal of Environment* Vol. 4 (1), pp: 161-178. DOI: <http://dx.doi.org/10.3126/ije.v4i1.12186>
3. Raman Kumar Ravi, Bhawana Pathak and **M H Fulekar** (Feb 2015) Bioremediation of Persistent Pesticides in Rice field soil environment using surface soil treatment reactor. *Int.J.Curr.Micro. App. Sci* 4(2): 359-369. ISSN: 2319-7706.
4. **M H Fulekar and Bhawana Pathak** (Feb 2015) Rhizosphere: An Innovative Approach for Remediation of Contaminants. *International Journal of Scientific & Engineering Research*, Volume 6, Issue 2. ISSN 2229-5518. (February 2015)
5. Sunayana Nath, **Bhawana Pathak**, and M.H. Fulekar (August 2014) Phytochemical and Pharmacological Characteristics of *Wrightia tinctoria*: A Review. *Int. J. Pure Appl. Sci. Technol.*, 23(2), pp. 35-42
6. **M. H. Fulekar** (July 2014) Rhizosphere Bioremediation of Pesticides by microbial consortium and potential microorganism *Int.J.Curr.Microbiol.App.Sci.* 2014.3(7): 235-248.
7. Shalini Gupta, Bhawana Pathak, **MH Fulekar** (June 2014) Molecular approaches for biodegradation of polycyclic aromatic hydrocarbon compounds: a review. *Rev Environ Sci Biotechnol* DOI 10.1007/s11157-014-9353-3.
8. **Rathore, D.** and Agrawal, S.B. (2014). Interactive Effect of Ultraviolet-B and Mineral Nutrients on Accumulation and Translocation of Trace Elements in Wheat Crop. *J Env. Biol.* 35: 505-511.
9. Moon C, **Singh Rajesh**, Veeravalli S.S., Shanmugam S. R., Chaganti S., R, Lalman J. A., and Heath D. D. (2015). Effect of COD:SO<sub>4</sub><sup>2-</sup> Ratio, HRT and Linoleic Acid Concentration on Mesophilic Sulfate Reduction: Reactor Performance and Microbial Population Dynamics. *Water* 2015, 7, 2275-2292

10. **Singh, Rajsh**, Bishnoi N.R, (2015). Biotransformation dynamics of chromium (VI) detoxification using *Aspergillus flavus* system. *Ecological Engineering* 75, 103–109.
11. **Singh, Rajesh**, Moon C, Veeravalli S, Shanmugam S, Subba R, Lalman J., (2014). Using a statistical model to examine the effect of COD: SO<sub>4</sub><sup>2-</sup> ratio, HRT and LA concentration on sulfate reduction in an anaerobic sequencing batch reactor. *Water*, 6, 3478-3494; doi:10.3390/w6113478.
12. Anamika Singh, Dimple P Dutta, A Ballal, AK Tyagi, **MH Fulekar** (March 2014) Visible light driven photocatalysis and antibacterial activity of AgVO<sub>3</sub> and Ag/AgVO<sub>3</sub> nanowires *Materials Research Bulletin* Volume 51Pp 447-454
13. A Singh, DP Dutta, M Roy, AK Tyagi, **MH Fulekar** (March 2014), Sonochemical synthesis, characterization, and photocatalytic properties of Bi<sub>2-x</sub>Sb<sub>x</sub>WO<sub>6</sub> nanorods *Journal of Materials Science* 49 (5), 2085-2097
14. R Khan, **MH Fulekar** (Oct 2014) Photocatalytic degradation of a textile dye Reactive Red 31 using phyto-synthesized titanium nanoparticles under solar irradiation. *Desalination and Water Treatment*, pp 1-9. DOI: 10.1080/19443994.2014.968216
15. Virendra Kumar Yadav, **M. H. Fulekar** (June - 2014) Isolation and Characterization of Iron Nanoparticles From Coal Fly Ash From Gandhinagar (Gujarat) Thermal Power Plant (A Mechanical Method of Isolation. *International Journal of Engineering Research & Technology* Vol. 3 Issue 6.

### Books Published

M H Fulekar and R K Kale (2014) *Recent Trends in Life Sciences*, I K International Publishing House Pvt Ltd.



## Chapters in Books

- Fulekar, M.H. and Bhawana Pathak (2014) Sustainable development- Environment, Economic and Social concept in *Recent trends in Life Sciences* eds (M H Fulekar and R K Kale) ISBN-10: 9382332251: ISBN-13: 978-9382332251
- Bhawana Pathak, M. H. Fulekar (2014) Biodiversity and Its Conservation in *Recent trends in Life Sciences* eds (M H Fulekar and R K Kale) ISBN-10: 9382332251: ISBN-13: 978-9382332251
- Fulekar, M. H. and Bhawana Pathak (2014) Metagenomic: A novel technique and approaches for uncultured microorganisms in *Recent trends in Life Sciences* eds (M H Fulekar and R K Kale) ISBN-10: 9382332251: ISBN-13: 978-9382332251.
- M. H. Fulekar, Bhawana P. and Jyoti Fulekar. (2014) Climate change: India's perspective, policies and action plans for sustainable development in *Recent trends in Life Sciences* eds (M H Fulekar and R K Kale) ISBN-10: 9382332251: ISBN-13: 978-9382332251.
- Rathore D., Nigam P. S. and Singh A. (2015). A Biorefinery Concept for a Microalgal Bioenergy Production System; In: S. K. Kim and C. G. Lee (Eds.) *Marine Bioenergy: Trends and Developments*. CRC Press. pp: 179-194.
- Singh A., Nigam P. S. and Rathore D. (2015). Commercialization of Marine Algae-Derived Biofuels; In: S.K. Kim and C. G. Lee (Eds.) *Marine Bioenergy: Trends and Developments*. CRC Press. pp: 641-652.
- Kumari Rina, Saeid Eslamian, Neha Singh (2015). Feasibility Studies for Water Reuse Systems. Francis and Taylor. CRC press pp-909-926.

## Articles in Conference Proceedings

- **Rajesh Singh**, Anita Kirroliya and Narsi R. Bishnoi (2014). Effect of Environmental Conditions on *Pseudomonas aeruginosa* in Heavy Metals Removal. *Proceedings from the 7th International Conference on Environmental Science and Technology*, held on June 9-13, 2014 in Houston, Texas, USA, 2014 Vol. 2, 281-287 (ISBN: 9780976885375) American Science Press, Houston, USA.

## Popular Articles

- M H Fulekar, Bhawana Pathak (Oct 2014) E-Waste Management by Indigenous Microorganisms (Special article). *YOJANA: Special Issue on Technology, Innovation and Knowledge Economy* Vol 58. pp. 16-22. ISSN 09718400.

## Paper presented in National Seminar

## Invited Lectures

- Bhawana Pathak XXXVIII Indian Social Science Congress held at Andhra University , Vishakhapatnam (March 29- 02 April 2015)
- Bhawana Pathak 102<sup>nd</sup> Indian Science Congress held at University of Mumbai (3<sup>rd</sup> – 7<sup>th</sup> Jan 2015)

- **Bhawana Pathak** University (7<sup>th</sup> Oct 2014) **Invited speaker** on the theme Environment in Refresher course in Life Science, organized by UGC Academic Staff College, Goa.
- Bhawana Pathak (1-3 Nov 2014) “**Plant assisted remediation technology to clean up the environment** in *International Scientific Conference on Environmental Research Issues, Challenges and strategies for Sustainable Development and Livelihood Security*, organized by Eurasian Academy of Environmental Sciences and Association for Advancement of Biodiversity Sciences, Hotal Kasai, Lumbini, Nepal.

## Participation in Conferences and Seminars

- **Bhawana Pathak** “Nanotechnology for sustainable development” in International conference on Advanced Material and Nanotechnology for sustainable development (4-6 Nov, 2014) organized by Nepal Chemical Society, held at Kathmandu, Nepal.
- **P Bhawana** and Jyoti Fulekar (1-3 Nov 2014) “Mycorrhizosphere: Ecological Remediation unit for decontamination of dye compound (Methyl Orange in International Scientific Conference on Environmental Research Issues, Challenges and strategies for Sustainable Development and Livelihood Security, organized by Eurasian Academy of Environmental Sciences and Association for Advancement of Biodiversity Sciences, Hotal Kasai, Lumbini, Nepal. pp 26.
- **Bhawana Pathak** participated and presented paper “*Ecological status of Wrightia tinctoria with special reference to Phytochemical properties and nutritional attributes in North Gujarat.* in Section XIV Plant Sciences, *102nd Indian Science Congress, Mumbai* (2-3 Jan 2015)
- **Bhawana Pathak** participated as a plenary member of thematic session “Ecological and Environmental Science Committee and presented paper “*Strengthening Himalayan Forest Database by focusing on Non Dominant species for conservation and management at regional level* in XXXVIII Indian Social Science Congress held at Andhra University , Vishakhapatnam (March 29- 02 April 2015)
- **Sahu Paulami** and Sikdar, P. K. (2015) Understanding Arsenic Migration in the Quaternary Aquifer of Rajarhat New Town, West Bengal, India: A Numerical Modeling Approach. 5<sup>th</sup> Annual International Conference on “Innovations and Best Practices in Business, Human and Other Earth Resources Management” held at IISWBM, Kolkata on January 15-16, 2015, p. 44.
- **Sahu Paulami** (2015) Impact assessment of groundwater abstraction in Urbana Project area, Kolkata: a modelling approach. National Symposium on “Advances in Environment Science” organized by School of Environment and Sustainable Development, Central University of Gujarat on February 27, 2015 at Central University of Gujarat, Gandhinagar, p. 53-54
- **Dheeraj Rathore** (2014)) presentd a paper in International Symposium on “Biodiversity: Status, Utilization and Impact of challenging Climatic Conditions”, on 30-31 October, 2014 at BBAU, Lucknow (UP) India.

### Ongoing Research Projects

- Dr. Paulami Sahu. UGC Startup-grant of Rs. 6 Lacs recommended and received for the project entitled 'Delineation of groundwater potential zones using multi-band Remote Sensing data and GIS for Sustainable Water Resource Management in semi-arid hard rock terrain of Para Block, Puruliya district, West Bengal' by UGC. Project started on 24.03.2015.
- Dr.Rina Kumari, DST Young Scientist Award.

### Events of the School related to Conferences/ Workshops

#### International/National/ Conferences, Seminars & Workshops organized

The school has successfully organized a national symposium on "Advances in Environment Sciences". Dean, Prof M.H. Fulekar was the convener of this symposium. The SESD faculty members Dr. Rajesh Singh, Dr. Paulami Sahu, Dr. Rina Kumari, Dr. Dheeraj Rathore and Dr. Bhavna Pathak actively participated to organize this symposium.

#### National Symposium on Advances in Environment Sciences (27th Feb 2015)

The School of Environment and Sustainable Development has conducted National Symposium "Advances in Environment Sciences" on 27th February, 2015 in conference hall, Sector-30, Central University of Gujarat. Eminent scientists, Academicians and Environmentalist were invited to deliver talks on the Environmental issues & challenges, Remedial measures, Advance treatment Technologies and Environmental nanotechnology etc. The idea generated while delivering talks, discussion, interaction of the eminent Environmentalist with participants will be beneficial to plan the strategy for innovative research based on the need of the industry and society.

Honourable Vice Chancellor - Prof. S. A. Bari, Central University of Gujarat has inaugurated the Symposium. Vice Chancellor has delivered presidential address and focused on Environmental problems, Thirst areas for environmental research, Preventive and control measures for maintaining Natural environment, adaptation and development of Eco-village, quality Teaching/ Research & outreach programme to develop knowledge based society in the country. The proceeding of the Symposium on Advances in Environment Sciences as well as Book on Recent Advances in Life Sciences has been released by Prof. S.A. Bari, Vice Chancellor, Central University of Gujarat, during inaugural Function of Symposium.

Dr K U Mistry, Chairman, Gujarat Pollution Control Board, Govt. of Gujarat delivered introductory addressed highlighting the environmental problems in the Gujarat region & control measure taken by Gujarat Pollution Control Board. Prof. Sarjerao Nimse, Vice Chancellor, Lucknow University, Lucknow had addressed the gathering on various issues on environmental problems. Prof. R .V. Hosur, Director, UM-DAE-CBS, Centre for Excellence in Basic Sciences, University of Mumbai (Padma shree award) had delivered key-note address on Bio-Molecular Research on NMR.

Technical session of invited speakers started in a symposium with the lecture series. The invited speakers have delivered lectures on various aspects such as status of pollution in India, Global Warming, Eco-village development, Nano materials Synthesis, characterization & their applications for environment management, significance of sustainable development. The research students have presented the posters during poster presentation session. More than 120 students participated in the Programme. The judges appointed have evaluated the poster & awarded the best three posters with a certificate- award & cash prize.

The proceeding of symposium has been published. Honourable Chief Minister of Gujarat, Anandiben Patel; Honourable Education (Higher & Technical) Minister of Gujarat, Bhupendrasinh Chudasama; Honourable Forest, Environment and Tribal Development Minister of Gujarat, Mangubhai Patel; Honourable Society Justice & Empowerment Minister of Gujarat, Ramanlal Vora; and Honourable Vice chancellor Prof. S. A. Bari Central University of Gujarat conveyed their messages and expressed their best wishes for successes of this Symposium.

The message of the Honourable Chief Minister, Government of Gujarat highlighted that symposium will focus on “The new approaches and recent technologies to be adapted for environmental protection in sustainable manner”.

Prof. M.H.Fulekar Dean-SESD, highlighted that “School of Environment and Sustainable Development is doing research in the frontier areas of environmental sciences including development of techniques and technology for mitigating the impact of environmental problems. Environmental education based on innovative teaching and research will produce eminent environmentalist that will give out-rich programme and research from lab to land to maintain a balanced Environment. The quality of research will definitely bring changes in the society”.







## Student Achievements

- Amit Kumar Yadav, Bhawana Pathhak, M.H. Fulekar. Rhizofiltration of Heavy Metals (Cadmium, Lead and Zinc) from Fly Ash Leachates using Water Hyacinth (*Eichhornia crassipes*). *International Journal of Environment*, ISSN 2091-2854, Volume – 4, Issue – 1, Dec-Feb 2014/15.
- Davood Ahmad Dar, Bhawana Pathhak, M.H. Fulekar. Assessment of Soil Organic Stock of Temperate Coniferous forest in Northern Kashmir Himalaya, India *International Journal of Environment*, ISSN 2091-2854, Volume – 4, Issue – 1, Dec-Feb 2014/15.
- Raman Kumar Ravi, M. H. Fulekar, Bhawana Pathak (2015). Bioremediation of persistent pesticides in Rice field Soil Environment using Surface Surface Soil Treatment Reactor. *International Journal of Current Microbiology and Applied Sciences*. 4(2): 359-369.
- Participated and presented poster in the National seminar entitled “Advances in Environmental Science and Technology (AEST-2014)” organised by SESD, CUG on 25-26 Feb. 2014.
- Shalini Gupta, Bhawana Pathak, M.H.Fulekar 2015, “Biodegradation of benzene under anaerobic condition using enriched microbial culture” *IJSRSET*, ISSN: 2394-4099, 1(4).
- Shalini Gupta, Bhawana Pathak, M.H.Fulekar, 2014, “Molecular approaches for biodegradation of PAH compounds: A review, *Rev Environ Sci Biotechnol*, 11157-014-9353-3
- Raman Kumar Ravi, Participated and presented poster in the National seminar entitled “Advances in Environmental Science and Technology (AEST-2014)” organised by SESD, CUG on 25-26 Feb. 2014.
- Patel Vipulkumar Rameshchandra Advances in Environment Science and technology, 25-16 Feb, 2014, SESD, CUG on “Comparative analysis of selected plant species for phytoremediation of fly ash heavy metals”.

- Research paper published on topic “Enzymatic mechanism during phytoextraction of heavy metals from fly ash amended soil” in International Journal of Scientific and Engineering Research.
- **Ratan Singh Ratan Singh**, Bhawana Pathak and MH Fulekar. **“Characterization of PGP Traits by Heavy Metals Tolerant Pseudomonas putida and Bacillus safensis Strain Isolated from Rhizospheric Zone of Weed (Phyllanthus urinaria) and its efficiency in Cd and Pb Removal”** Int. J. Curr. Microbiol. App. Sci (2015) 4(7): 954-975.
- Poster Presentation on the Topic **“Role of Plant Growth Promoting Rhizobacteria (PGPR) enhancing heavy metals Phytoextraction”**AEST-SESD, Central University Gujarat, 2014.
- Poster Presentation on the Topic **“Phytoextraction of Heavy Metals by Weeds Implemented with Plant Growth Promoting Rhizobacteria (PGPR)”**FAB-HEP Lucknow 2014.
- **Etta Purswani**. (10-12th Dec 2014)Presented a poster at Tropical Ecology Congress, JNU, entitled as "Assessment of carbon sequestration potential in selected woody species of Dang forests, Gujarat."
- Razia Khan, P. Bhawana, M. H. Fulekar (2013) Microbial decolorization and degradation of synthetic dyes: a review. Reviews in Environmental Science and Bio/Technology 12 (1), 75-97.
- Bhawana Pathak, Razia Khan, Jyoti Fulekar, M. H. Fulekar (2013). Biotechnological Strategies for Enhancing Phytoremediation. In: Biotechnology of Crucifers. Springer, 63-90.
- Razia Khan & M.H. Fulekar (2014) Photocatalytic degradation of a textile dye Reactive Red 31 using phyto-synthesized titanium nanoparticles under solar irradiation. Desalination and Water Treatment. DOI:10.1080/19443994.2014.968216.
- Razia Khan, Jyoti Fulekar, Bhawana Pathak, M.H. Fulekar. Application of nanoparticles in environmental remediation. National Workshop on Functional oxides, Nanomaterials and Devices. March 1-2, 2012. Organized by Saurashtra University, Rajkot.
- Shalini Gupta, Bhawana Pathak, M.H.Fulekar 2015, “Biodegradation of benzene under anaerobic condition using enriched microbial culture”IJSRSET, ISSN: 2394-4099, 1(4).
- Shalini Gupta, Bhawana Pathak, M.H.Fulekar, 2014, “Molecular approaches for biodegradation of PAH compounds: A review, Rev Environ Sci Biotechnol, 11157-014-9353-3
- Razia Khan, Jyoti Fulekar, Bhawana Pathak, M.H. Fulekar. Application of nanoparticles in environmental remediation. National Workshop on Functional oxides, Nanomaterials and Devices. March 1-2, 2012. Organized by Saurashtra University, Rajkot.
- Shamshad Ahmad, Razia Khan, Shalini Chaudhary. Production of algal biofuel: A biotechnological approach. National Conference on Environment and Sustainable Development. 16-17 March, 2012.

## **Outreach Activity**

### **World Environment Day Celebration, 5<sup>th</sup> June, 2014**

The SESD has celebrated World Environment Day, 2014 on the UNEP theme “**Raise your voice not the sea level**”. The science students (Environmental and Sustainable Development, Life Sciences, Chemical Sciences) as well as students from Humanity, Social sciences, Economics, Languages have participated in the World Environment Day celebration. There were lectures, on various aspects of environmental sciences, issues and challenges. World Environment Day celebration was participated by environmentalists and faculties. Students from each school and discipline had also expressed their views on various environmental protection and conservation.

Besides, there were poster presentations. The students presented posters which were judged by the three member judges team. The best prize 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> were awarded to the best prepared and presented posters. The students have also timely prepared the posters on different aspects of environmental problems and demonstrated their views on environmental concerns. These posters were also examined by the judges and awarded first, second and third prize on merit of posters.

The World Environment Day was celebrated by the faculty and students, which has motivated and boosted the individual concern for environmental protection.

## Special Centres

The Central University of Gujarat has established two special centres with the following programmes of study:

Special Centre Name	Nature of the Programme	Name of the Programme
Centre for Library and Information Science	M.L.I.Sc. (2 Years)	M.L.I.Sc. (Library and Information Science)
Centre for Nano Sciences	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in Nano Sciences

### Centre for Library and Information Science

**Year of Establishment:** 2012

**Courses Offered:** M.L.I.Sc. (2 Years)

**Maximum Intake:** 25

**Students in 2014-15:**

Number of Applications Received	Number of Students who Appeared for Entrance Examinations	Number of Students Admitted
22	16	07

**Gender and Social Category of Students:**

Male	Female	SC	ST	OBC	PWD	KM	General
04	03	04	01	01	00	00	01

**Objectives of the Centre:**

Shri Narendra Modi, Honorable Prime Minister expressed “*I dream of a digital India where quality education is accessible. I dream of digital India where the world looks of India for the next big Idea*” during the launch of Digital India Program which will be huge increase in number of Digital Libraries in future and very few digital librarians to ensure success in managing them. It is true that for LIS professionals, Digital Libraries represent an opportunity to apply these new technologies for providing library services to an increasingly diverse and distributed population of those needing access to digital information resources from rural, towns and metro cities. Present Knowledge Society seen that homes, offices, Libraries and workplaces are surrounded by digital equipments of one or other kind. Libraries are enveloped with online E-Resources access and many of the librarians and information managers have not been ‘early adopters’ of new technologies since their inception. CUG started an unique P.G. course

M.L.I.Sc. which is catering to the growing needs for the aspiring professionals and other technical professionals interested in Digital Library management.

Centre of Library and Information Science has been established with the objectives to build and maintain the reservoir of memory to conserve and communicate culture, heritage, science, art and folk tradition of the nation. To prepare students in the application of ICT for selection, to develop the skill for preservation of knowledge for use. To bring out the competent human resource to promote access to the traditional and socially useful knowledge by the process of digitization. To involve in capacity building activities to create a Digital India of people friendly learning support system. To create Digital Libraries to provide knowledge for all.

The M.L.I.Sc. course will enable the students to learn key elements in Library in general and particularly in Digital Library. The intention of the course is to acquaint the students in digitization in Libraries of all Levels i.e. schools, colleges, universities, public libraries and research organisations.

#### **Faculty Profile:**

1) Prof. Muttayya Koganuramath , Visiting Faculty

**Research Interests:** Digital Library, knowledge organization, knowledge management, Web Technologies, Development of Digital Skills and Scientometrics.

2) Dr. K.B. Agadi , Assistant Librarian

**Research Interests:** Digital Library, Scientometrics, Web Technologies, Bibliometrics, Scientometrics, ICT Applications in Library, Digital Library Architecture, Knowledge Organization and Processing.

#### **Faculty Publications**

- Dr. Muttayya K. et al: “Cloud Computing for Library Services” *Journal of Indian Library Association* Vol. 49, Issue 4, December 2014. PP 31 to 40 ISSN: 2277-5145

#### **Chief Editor**

- *Journal of Indian Library Association*; Editorial written for all issues. Indian Library Association, New Delhi. ISSN : 2277-5145
- *Journal of Advances in Librarianship intellectual Society for Socio-Techno Welfare*, Ghaziabad, India. ISSN: 0976-9021

#### **Invited Lectures**

- “Changing Role of Librarianship” BOSLA – Bombay Science Librarians Association, TISS, Deonar, Mumbai, 23-8-2014.
- “Information Literacy” INFLIBNET, Gandhinagar, 25<sup>th</sup> Nov, 2014.
- “A Paradigm shift of Librarianship: Collection Management.” BERHAMPUR UNIVERSITY, Bhanja Bihar, Berhampur, Ganjam (ORISSA) 29-01-2015
- “Emerging Technologies and Future of Libraries: Issues and Challenges.” Dr. Ambedkar Bhavan, Gulbarga University, Kalaburagi (Gulbarga), Karnataka. 31-1-2015



Golden Jubilee Lecture Series-2015 on “Library as a super System for Knowledge dissemination. Karnatak University, Dharwad. 14-3-2015

## Participation in Conferences and Seminars

**Dr. K.B. Agadi**

- Regional Training Programme on J-Gate@UGC-Infonet at TISS Centre on June 30, 2014.
- UGC - INFLIBNET Centre and Elsevier 5<sup>th</sup> University Forum 2014 on 8<sup>th</sup> August 2014 at New Delhi



## Centre for Nano Sciences

**Year of Establishment:** 2012

**Courses Offered:** Integrated M.Phil.-Ph.D. (5 years)

**Maximum Intake:** 15

**Students in 2014-15:**

Number of Applications Received	Number of Students who Appeared for Entrance Examinations	Number of Students Admitted
158	118	12

**Gender and Social Category of Students:**

Male	Female	SC	ST	OBC	PWD	KM	General
05	07	04	01	04	00	00	03

### Objectives of the Centre:

The centre undertakes interdisciplinary teaching and research to meet the challenge of national needs in diverse areas of nanoscience and nanotechnology and to contribute to advanced studies. The courses of the Centre for Nano Sciences cover a broad range of disciplines to enable the students to make an objective judgment of the scientific importance and technological potential of developments in micro- and nanotechnologies and to perform a range of activities related to Nanoscience and Nanotechnology. The centre focuses on research in the designing and characterizing of many different nanoparticles and their doping and docking with different substrates. Development and characterization of nanobiomaterials is a challenging task. Silicon, germanium and titanium nanoparticles for energy production and others will be dealt with.

### Faculty Profile:

**Dr. Tamishraha Bagchi, Professor and Chairperson**

**Research Interests:** Areas of immunological techniques, rDNA technology and animal cell culture which he has employed to study the immunology of infectious diseases, in the isolation and functional characterisation of probiotic organisms, and also drug delivery studies using human cell lines

## UNIVERSITY PROFILE

### SCHOOLS AND CENTRES AT THE UNIVERSITY

SCHOOL OF SOCIAL SCIENCES	Centre Name	Nature of the Programme	Name of the Programme
	Centre for Studies in Social Management	Integrated M.A. (5 years)	M.A. in Social Management
	Centre for Studies in Science Technology and Innovation Policy	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in Science, Society and Development
	Centre for Studies in Society and Development	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in Society and Development
		M.A. (2 years)	M.A. in Society and Development
	Centre for Studies in Economics and Planning	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in Economics
	Centre for Gandhian Thought and Peace Studies	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in Gandhian Thought and Peace Studies

SCHOOL OF LANGUAGE, LITERATURE AND CULTURE STUDIES	Centre Name	Nature of the Programme	Name of the Programme
	Centre for German Studies	Integrated M. A. (5 Years)	M.A. in German Studies
	Centre for Studies in Chinese Language and Culture	Integrated M. A. (5 Years)	M.A. in Chinese Language and Culture
	Centre for English Studies	M.A. (2 Years)	M.A. in English
	Centre for Comparative	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in Comparative Literature

	Literature and Translation Studies		
	Centre for Hindi Language and Literature	Integrated M. Phil.-Ph. D.	M.Phil-Ph.D. in Hindi Language and Literature
	Centre for Study of Diaspora	Integrated M. Phil.-Ph. D.	M.Phil-Ph.D. in Diaspora Studies

<b>SCHOOL OF INTERNATIONAL STUDIES</b>	<b>Centre Name</b>	<b>Nature of the Programme</b>	<b>Name of the Programme</b>
	School-level Programme	M.A. (2 Years)	M.A. in Politics and International Relations
	Centre for Studies in International Politics	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in International Politics
	Centre for Security Studies	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in Security Studies

<b>SCHOOL OF LIFE SCIENCES</b>	<b>Nature of the Programme</b>	<b>Name of the Programme</b>
	M.Sc. (2 Years)	M.Sc. in Life Sciences
	Integrated M.Phil.-Ph. D.	M.Phil-Ph.D. in Life Sciences

<b>SCHOOL OF CHEMICAL SCIENCES</b>	<b>Nature of the Programme</b>	<b>Name of the Programme</b>
	M.Sc. (2 Years)	M.Sc. in Industrial Chemistry
	M.Sc. (2 Years)	M.Sc. in Chemical Sciences
	Integrated M. Phil.-Ph.D.	M.Phil.-Ph.D. in Chemical Sciences
	<i>Certificate Course</i>	

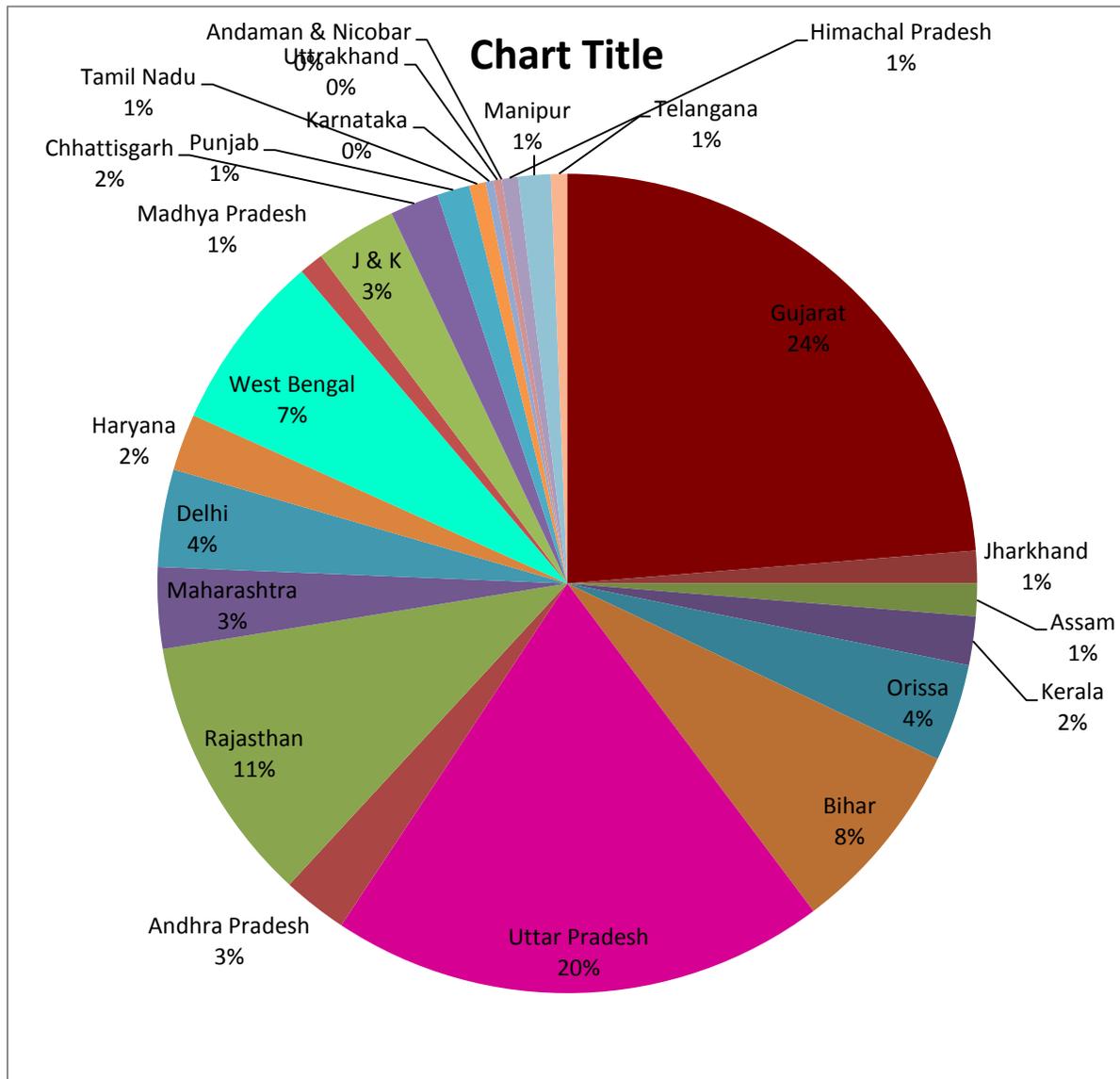
	Six Months Certificate Course	Analytical Techniques For Visually Challenged (ATVC)
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<b>SCHOOL OF ENVIRONMENT AND SUSTAINABLE DEVELOPMENT</b>	<b>Nature of the Programme</b>	<b>Name of the Programme</b>
	M.Sc. (2 Years) (STARTED IN 2015-16)	M.Sc. in Environmental Sciences
	Integrated M.Phil.-Ph. D.	M.Phil-Ph.D. in Environment and Sustainable Development

<b>Special Centres</b>	<b>Nature of the Programme</b>	<b>Name of the Programme</b>
Centre for Library and Information Science	M.L.I.Sc. (2 Years)	M.L.I.Sc. (Library and Information Science)
Centre for Nano Sciences	Integrated M. Phil.-Ph. D.	M.Phil.-Ph.D. in Nano Sciences

# STUDENT PROFILE

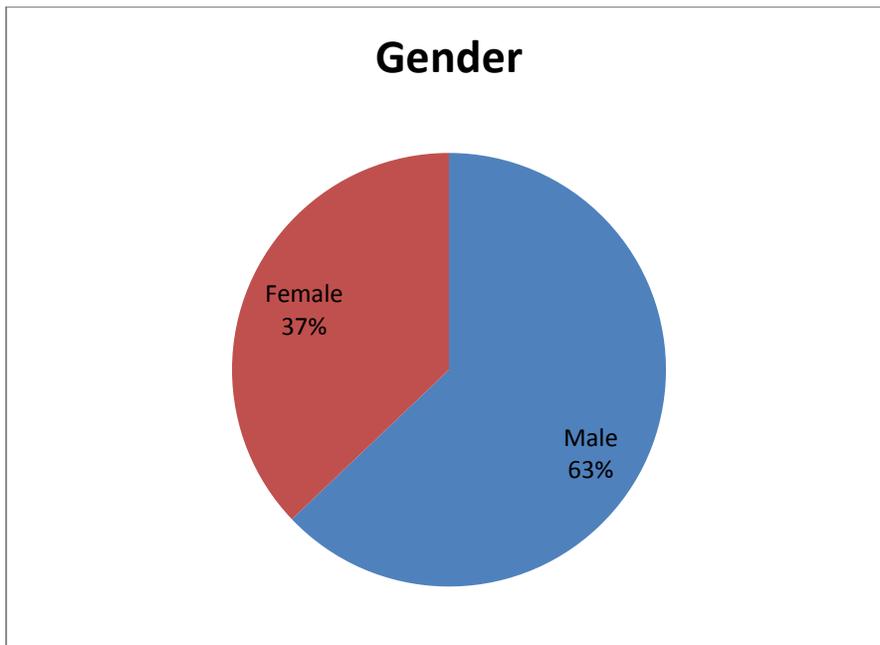
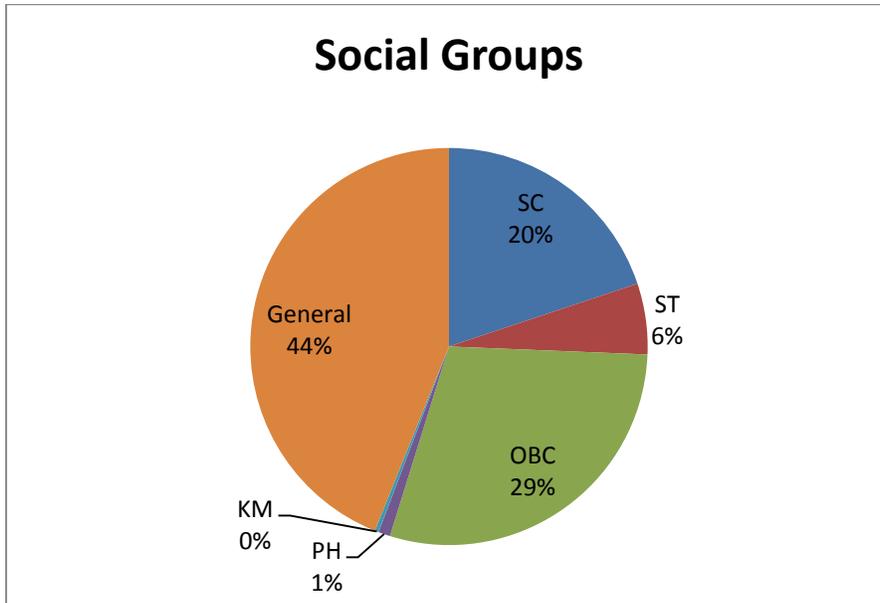
**Nation-wide Representation of Students**  
**Figure-1: Enrollments of CUG Students by States: 2014-15**



**Figure-1: Percentage Distribution of Student Enrolments by States: 2014-15**

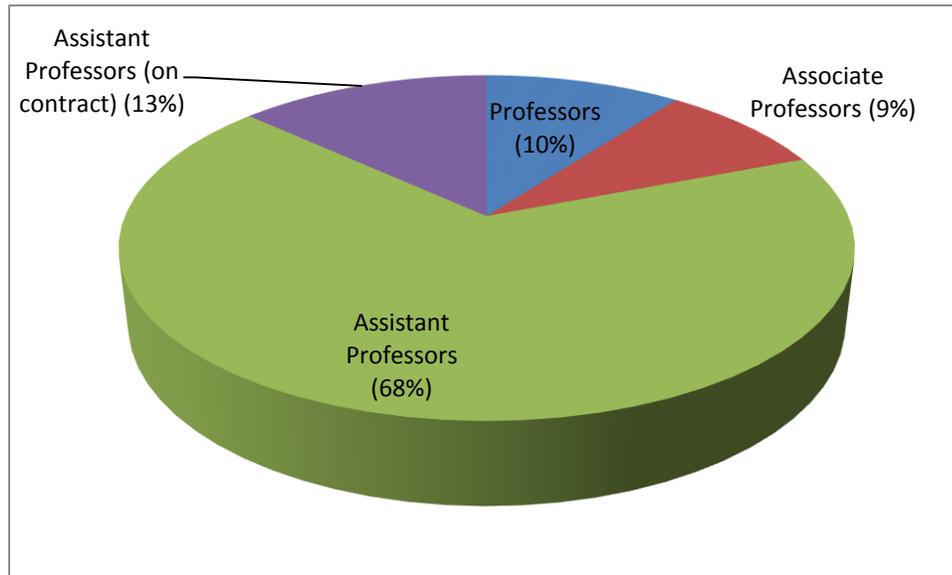
## CUG Students by Social Groups and Gender: 2014-15

(In Percentage)

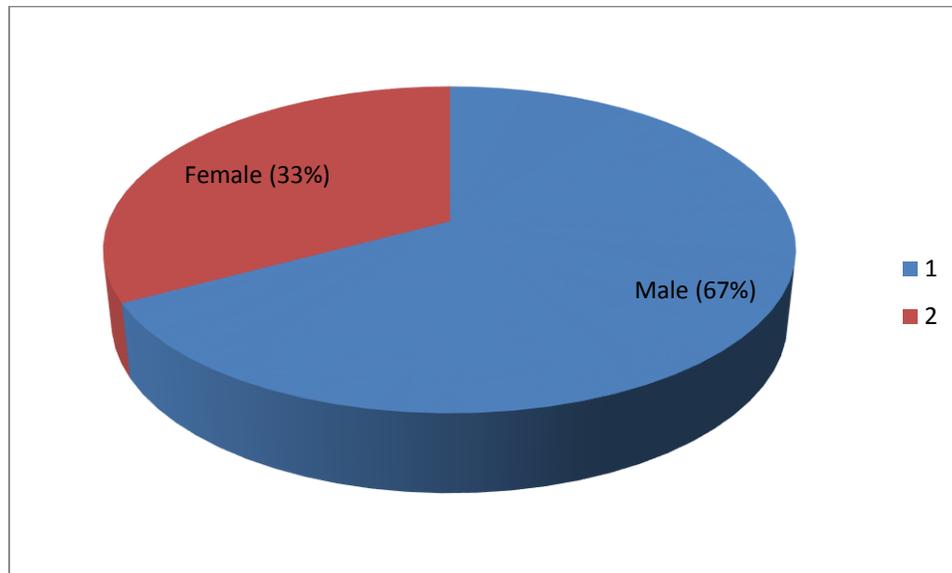


## STAFF PROFILE

### Distribution of Faculty Members Cadre-wise



### Gender Distribution of Faculty Members



## Academic Highlights of 2014-15

### Summary of Academic Achievements (faculty) of School of Social Sciences

Books	5
Chapters in Books	12
Journal Articles	29
Any other publications	10
Research Projects	3
Conferences participation/ presentation	60
Other academic activities	10
Awards or honours	1

### Summary of Academic Achievements (faculty) of School of International Studies

Books	1
Chapters in Books	2
Journal Articles	6
Any other publications	2
Research Projects	1
Conference organised	2
Conference participation/ presentation	14

### Summary of Academic Achievements (faculty) of School of Language, Literature and Culture Studies

Books	5
Chapters in Books	6
Journal Articles	15
Any other publications	6
Conference organised	1
Conference participation/ presentation	55
Other academic activities	17

### Summary of Academic Achievements (faculty) of School of Chemical Sciences

Journal Articles	30
Research Projects	1
Conference organised	1
Conference participation/ presentation	4

### Summary of Academic Achievements(faculty) of School of Life Sciences

Books	1
Chapters in Books	5
Journal Articles	3
Research Projects	1
Conference organised	1
Conference participation/ presentation	25
Other academic activities	4
Awards or honours	1

### Summary of Academic Achievements (faculty) of School of Environment and Sustainable Development

Books	1
Chapters in Books	7
Journal Articles	16
Any other publications	1
Conference organised	1
Conference participation/ presentation	11

### Summary of Achievements (faculty)by Centre for Library and Information Sciences

Journal Articles	3
Conference participation/ presentation	5

### Other Achievements

Total Research Degrees Awarded	106
Library Collection	28000+ Books 7834+ e-Journals

## **SPORTS, CULTURE AND EXTRA-CURRICULAR ACTIVITIES**

The University is pro-active in providing platforms for sports, cultural and extra-curricular activities. These activities are promoted and supported through the office of the Dean of Student's Welfare. The following activities were undertaken during the period of the Report.

Celebrating 152<sup>nd</sup> birth anniversary of Swami Vivekanandji as – National Youth Day. Hon'ble Vice Chancellor Prof. S.A.Bari inaugurated the programme. This was followed by a cultural programme.

The University celebrated the cultural representation of Gujarat in the programme on Garba Celebrations on 27<sup>th</sup> Sept 2014. Students and faculties participated in this event.

Student Council Oath Ceremony. The Student Council organised events on the 26<sup>th</sup> Jan, 2015. Apart from the Oath Ceremony, events like Rangoli Competition, Poster Competition and Cultural events were conducted in Celebration of the 66<sup>th</sup> Republic Day.

Oath Ceremony 26<sup>th</sup> Jan 2015



Garba Celebrations 27<sup>th</sup> Sept 2014

## Annual Sports

The 6<sup>th</sup> Annual Sports Meet was held on 18<sup>th</sup> February, and completed on 24<sup>th</sup> March, 2015. Before the beginning of Sports Meet, Dean Students' Welfare (DSW) constituted the Faculty advisory Sports Committee and Students Sports Committee, who organized the whole event in a smooth manner. Prof. Alok Gupta, Dean Students' Welfare (DSW) inaugurated the Sports Meet held at Central University of Gujarat (Sec-29). On this occasion programs like Welcome Remarks, Sports Torch Run, and Sports Oath took place and finally DSW declared the 6<sup>th</sup> Annual Sports Meet 2015 open. The sports meet began with outdoor games like Cricket, Football, Athletics, Badminton mix doubles & doubles (Final) at Sports Authority of India (SAI), Gandhinagar. Other team and Individual games such as Volleyball, Kho-Kho, Kabaddi, Tug of War and Badminton were played in CUG campus (Sec-29) and indoor games like Carom, Table-Tennis and Chess were played in sector 30 University campus. The total number of participants both in outdoor and indoor games was approximately 700.



Throughout the whole sports meet, all the players performed well. Two were awarded the titles 'Sports Person of the Year'- male and female for their outstanding performance in the whole sports meet.



## Annual Day Celebration



The Sixth Annual Day Celebration of the Central University of Gujarat was organised on 9<sup>th</sup> April, 2015 in Sector- 29 campus. Prior to this event various cultural competitions were held which commenced from 25<sup>th</sup> March to 1<sup>st</sup> April 2015. These competitions ranged from debates, elocution, poetry recitation to painting, face painting, photography etc. Prof. N.Rajaram, Registrar, Offg. inaugurated the function and read the speech of the Hon<sup>’</sup>ble Vice Chancellor Prof. S.A.Bari who could not attend owing to ill health. Prof. Alok Gupta, the Dean of Student’s Welfare delivered the welcome speech the occasion. The Dean of different Schools, faculty members, administrative staff and students participated in the inaugural ceremony. The inaugural ceremony started with distribution of trophies to students by Deans and Registrar for participating in sport and cultural competitions.

This was followed by the cultural performances organized especially for the occasion. These performances encapsulated the diversities of Indian cultural and tradition. Students from various regions attempted to showcase their specific classical and folk art, folk songs, dances highlighting India’s rich cultural mosaic.



## हिन्दी सप्ताह रिपोर्ट

गुजरात केन्द्रीय विश्वविद्यालय ने वर्ष 19) में नौ दिवसीय 2014सितम्बर 2014 सितम्बर 27 से 2014 हिन्दी सप्ताह समारोह का आयोजन किया (तक। इस समारोह की शुरुआत दिनांक को 2014-09-19 30-विश्वविद्यालय के सेक्टर, गाँधीनगर स्थित परिसर के बहु उद्देश्यीय कक्ष में हुई-। उद्घाटनसमारोह की - बारी ने की .ए .एस .अध्यक्षता विश्वविद्यालय के कुलपति प्रो। उद्घाटनसमारोह का संचालन हिन्दी भाषा एवं - संजीव कुमार दुबे ने किया .पटेल एवं डॉ किंगसन .साहित्य केन्द्र के प्राध्यापक डॉ। नौ दिन तक चलने वाले इस समारोह में विश्वविद्यालय की ओर से लगभग बीस प्रतियोगिताओं का आयोजन किया गया । इन प्रतियोगिताओं में से कुछ विद्यार्थियों के लिए रखी गई थी और कुछ विश्वविद्यालय के कर्मचारियों के लिए । विद्यार्थियों के लिए आयोजित प्रतियोगिताओं में निबंधलेखन-, चित्रलेखन-, स्वरचित काव्यपाठ-, वादविवाद-, शब्द-निर्माण आदि तथा कर्मचारियों के लिए आयोजित प्रतियोगिताओं में अनुवाद, प्रतिशब्दलेखन-, कार्यालयीय पत्रलेखन-, सुलेखन, अभिनव काव्य पाठ आदि प्रमुख रहीं-। इन सभी प्रतियोगिताओं में शामिल प्रतिभागियों का मूल्यांकन समिति के सदस्यों द्वारा गठित निर्णायक मण्डल ने किया । निर्णायक मण्डल में विश्वविद्यालय के विभिन्न केन्द्रों के प्राध्यापक शामिल थे ।

रित किए गए थेइन प्रतियोगिताओं में चयनित प्रतिभागियों के लिए जो पुरस्कार निर्धा, वे दो भागों में विभक्त थे । इन पुरस्कारों का एक हिस्सा उन प्रतिभागियों के लिए निर्धारित किया गया था जो कि हिन्दीभाषी - भाषी क्षेत्रों से आते थे-क्षेत्रों से आते थे और दूसरा हिस्सा उनके लिए था जो कि अहिन्दी। इन दोनों ही वर्गों के प्रथम, द्वितीय एवं तृतीय पुरस्कार समान रूप से रखे गए थे । इसी प्रकार कर्मचारियों के लिए भी प्रथम, द्वितीय एवं तृतीय पुरस्कार निर्धारित किए गए थे । इन पुरस्कारों में विद्यार्थी प्रतिभागियों को हिन्दीसाहित्य की पुस्तकें-, प्रशस्तिपत्र एवं उपहार प्रदान किया गया-, जबकि कर्मचारी प्रतिभागियों को पुरस्कार स्वरूप नकद धनराशि प्रदान की गई । सभी प्रतियोगिताओं के पुरस्कारों का वितरण समारोह अन्तिम दिन किया गया ।

समारोह का समापन अखिल भारतीय सांस्कृतिक कार्यक्रम के साथ संपन्न हुआ। सांस्कृतिक कार्यक्रम प्रस्तुतियों के अन्तर्गत देश के विभिन्न भागों के लोकगीतों की सरस एवं संगीतमय प्रस्तुतियां छात्रों द्वारा की गई । इस कार्यक्रम में विश्वविद्यालय के सभी केन्द्रों के शिक्षक मौजूद थे । समापन कार्यक्रम की अध्यक्षता विश्वविद्यालय के रजिस्ट्रार प्रोराजाराम ने किया तथा कार्यक्रम का संचालन हिन्दी भाषा एवं साहित्य .एन . स .प्रमोद कुमार तिवारी एवं डॉ .केन्द्र के प्राध्यापक डॉंजीव कुमार दुबे ने किया । इसके अलावा विश्वविद्यालय के शिक्षकों ने भी 'हिन्दी सप्ताह समारोह' के आयोजन के बारे में अपने विचार व्यक्त किए एवं इसकी सार्थकता को सराहा । आखिर में कार्यक्रम के संयोजक डॉसंजीव कुमार दुबे ने सभागार में उपस्थित सभी अध्यापकों ., शोधार्थियों, कर्मचारियों एवं कार्यक्रम को सफल बनाने में सक्रिय भूमिका निभाने वाले स्वयंसेवियों के प्रति आभार व्यक्त किया ।

## **Remedial Coaching Cell for SC/ST/OBC and Minority Community**

The Remedial Coaching Cell has been constituted by the University as per the guidelines of UGC for the benefit of the students hailing from SC/ST/OBC and Minority Community to improve the academic skills and linguistic proficiency of the students in various subjects; raise the level of comprehension of basic subjects among students to provide a stronger foundation for further academic work, strengthen their knowledge, skills and attitudes in subjects, where quantitative and qualitative techniques are involved, so that, the necessary guidance and training provided under the programme may enable the students to come up to the level necessary for pursuing higher studies efficiently. The Cell provides career guidance and psychological counseling for capacity building to those who are in need of such counseling. The Cell conducts the special UGC (JRF/NET) classes for the benefit of the students come from Scheduled Castes, Scheduled Tribes, OBC (non-creamy Layer) and Minority Communities and the Cell further orients students who prepare for the competitive examinations such as IAS, State Public Services, Bank recruitment etc.

The Cell has organized the English remedial coaching classes, special methodology classes, UGC (JRF/NET) classes. Besides these, the Cell organized the orientation classes and organised special interaction with the Vice-Chancellor Prof. S.A. Bari.



*Hon. VC interacting with students of Remedial Coaching Cell*

## Equal Opportunities and Inclusive Policies

### *Special Provisions for Students and Employees belonging to SC/ST Categories*

1. Reservations and relaxations specific to admissions: As per the policy guidelines of the GOI/UGC, The University follows GOI/UGC policy guidelines in implementing the reservation policy. It has reserved 15% of seats in each course for Scheduled Castes and 7.5% seats for those belonging to the Scheduled Tribes. There exists a provision for interchangeability between these categories wherever necessary and required.
2. Relaxation in the minimum eligibility in the admissions: For admissions in different courses at the University relaxation of marks in the minimum eligibility conditions are provided to SC/ST candidates to fill all the seats meant for them. Even, for admission to M.Phil./Ph.D. programmes, relaxation of 5% marks in the minimum eligibility condition is provided to the SC/ST candidates.
3. Special admission notification for exclusive attention of SC/ST candidates: Every year, University puts an effort to release special notification regarding admission exclusively for the attention of SC/ST candidates.
4. Separate merit lists for SC/ST students: An honest effort is made by the University that after entrance examination separate merit lists in each course for these categories of students are drawn up and the students are admitted in order of merit against the reserved seats. University also keeps an option open for conducting interviews separately for these candidates, if needed.
5. Access to Books: The University makes sure in its policy guideline that SC/ST students gets preference in issue of books purchased out of the funds provided under merged scheme.
6. Remedial coaching programme: The University has been organizing remedial classes every semester for the benefit of SC/ST students by utilizing the funds provided under the Merged Scheme making sure that their regular classes don't overlap with this course.
7. The SC/ST Cell: University has a special cell exclusively for the welfare of SC/ST students.
8. Exemption from payment of Hostel fee: The SC/ST students provided with Hostel accommodation are exempt from payment of hostel fees. (These are being extended to DA student.)
9. Participation in National and International Conferences: All the eligible SC/ST students are encouraged to participate in national and international conferences and the travel expenses are met out of the funds exclusively provided for them.

10. Reimbursement of Travel Cost: Outstation SC/ST candidates called for interviews for taking admission in different courses at the University are reimbursed second class sleeper railway fare.

The following measures are suggested for consideration and implementation from the Academic Year 2013-14:

1. Waiving of Registration Fee

All the SC/ST candidates including the PH candidates may be exempted for payment of Registration Fees.

2. Relaxation upon admission

All the SC/ST students who are offered admission to various courses and who are technically eligible for receiving the Govt. of India Post Metric Scholarships and who also belong to the State of Gujarat may be provisionally exempted from initial payment of all the fees except refundable deposits. However, the same is to be adjusted against the receipt of Social Welfare Scholarship.

3. Priority in Hostel accommodation

4. Incentives

Cash Award for SC/ST students up to Rs. 10000/- out of SC/ST funds who secure merit rank up to 3 in M.Phil. and up to 5 in other courses.

5. Establishment of SC/ST Grievances Committee, Standing Committee and Admission Advisory Committee.

6. Establishment of SC/ST Staff Welfare committee.

## University Facilities

### University Campus, Sectors 29 and 30

The Central University of Gujarat has two campuses in Sector 30 and sector 29. The Administrative staff and Sciences teaching block and laboratories are located in the Sector-30 campus. The new campus in sector 29 is hosting teaching blocks of humanities and social sciences courses. A conference room is also housed in this new campus.



Photo: University Campus Sector 30.

### Central Library

Central Library will continue to be proactive in supporting CUG's new academic developments. The library has been working very hard to live up to the challenges of academic restructuring. Over a period of time, it has developed its collection of learning resources into a comprehensive collection covering the entire gamut of disciplines in science, social sciences and humanities.

In the current year, library has subscribed to 66 journals and magazines. Prominent among them are subscribed through UGC-Infonet Digital Library Consortium. They include:

American Chemical Society (38 Journals), Annual Reviews (38 Journals), Cambridge University Press (224 Journals), EPW, JSTOR (2000 Journals), Project Muse (400 Journals), RSC(23 Journals), Springer Link (1401 Journals), Taylor & Francis (1365 Journals), Emerald Library Science Journals(29), Wiley-Blackwell (908 Journals), Sage Journals (178), Science Direct (1036 Journals)

It holds about 28000 books, and subscribes to over **66** print journals and magazines and over 7834+ e-journals.

**Library Automation**

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

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

**Total Library collections are**

- Total Books** : 28000+
- Total Journal** : 31
- Total Magazine** : 35
- E-Journals** : 7834+
- Newspaper** : 16

**Library Timings :**

Library opening hours	0800 - 12am (Monday- Saturday) On Sunday 0930 hrs to 1700 hrs.
Circulation of Books	0900 - 1700 hrs
Issue & Return/Renew of Books	Monday to Friday : 0900 hrs to 1700 hrs On Saturday 1000 hrs to 1300 hrs.

**Cyber Library**

State of the art Cyber Library, a 16hours access facility will be housed in library around the year.

This will have a provision of over 29 Pentium workstations, where users will have a desk with ample reading space and also a PC with leased line internet access. These study places will provide seamless access to digital learning resources that library has in its collection.

## Central Instrumentation Facility

Central Instrumentation Facility is housed with sophisticated instruments catering the need of research of multidisciplinary sciences. At present the Central Instrumentation facilities are being used by School of Chemical Sciences, School of Life Sciences, School of Environment and Sustainable Development and Centre for Nano Sciences. Besides the Central Instrumentation facility is also extended to other institute/University.



*Central Instrumentation Facility: View of Some Instruments & CIF Building*

Availbale instruments at CIF are listed below:

- 500MHzFT-NMRSpectrometer
- SingleCrystalandPowderXRD

- RealTimePCR
- AtomicAbsorptionSpectrophotometer
- ElementalAnalyzer(CHNS/O)
- High-PerformanceLiquidChromatography(HPLC)
- GasChromatography(GC)&
- LiquidChromatography-MassSpectrometry(LCMS)
- FourierTransformInfraredSpectroscopy(FTIR)
- BrunauerEmmettTeller(BET)SurfaceAreaAnalyzer
- ScanningElectronMicroscope(SEM)
- AtomicForceMicroscopy(AFM)
- InductivelyCoupledPlasmaOpticalEmission
- Spectrometer(ICP-OES)
- SpectroscopicEllipsometer
- FlowCytometer
- CellSorter
- ConfocalMicroscope

### **Instrumentation Facilities at Schools**

CUG has three Sciences Schools: School of Chemical Sciences, School of Life Sciences, School of Environment and Sustainable Development and one Advance centre for Nano Sciences. There is a MPhil/ PhD programme being conducted by the School/ Centre in the subject. The Instrumentation facilities are also created and developed for research in each school /centres. The sciences school research scholar sharing the inter school / centre instrumentation facility.

### **Green House Facility**

The School of Life Sciences and School of Environment and Sustainable Development have developed Greenhouse separately for research experiment.

## ANNUAL BUDGET AT A GLANCE

Sources of Funds	Schedule	Current Year	Previous Year
Corpus/Capital Fund	1	42,16,13,642	52,08,10,015
Designated/Earmarked / Endowment Funds	2	-	-
Current Liabilities & Provisions	3	42,80,93,902	40,81,31,072
<b>Total</b>		<b>84,97,07,544</b>	<b>92,89,41,087</b>

Application of Funds	Schedule	Current Year	Previous Year
<b>Fixed Assets</b>	4		
Tangible Assets		41,84,80,694	46,90,33,348
Intangible Assets		29,87,887	-
Capital Works-In-Progress		2,05,74,145	1,10,54,145
Investments in Short Term Deposits	5		
Long Term		-	-
Short Term		-	2,29,34,042
Investments - Others	6	-	-
Current Assets	7	38,59,76,641	41,25,93,592
Loans, Advances & Deposits	8	2,16,88,177	1,33,25,960
<b>Total</b>		<b>84,97,07,544</b>	<b>92,89,41,087</b>

## MoUs

The University had a MoU with the University of Colorado that was renewed in the year 2014-15. The MoU was signed on 01/12/2014. Prof. S.A. Bari, the Hon. Vice-Chancellor of the Central University of Gujarat renewed the MoU with the University of Colorado Denver, Anschutz Medical Campus, Skaggs School of Pharmacy and Pharmaceutical Sciences, Department of Pharmaceutical Sciences. The areas of cooperation chalked out between the two institutions include:

1. Exchange of faculty members
2. Exchange of students
3. Joint research activities
4. Participation in seminars and academic meetings
5. Exchange of academic materials and other information
6. Special short-term academic programmes
7. Exchange of administrative Managers/ Coordinators
8. Joint cultural programmes
9. Joint application for external funding to support endeavours noted in the MoU

## **The Court of the University**

<b>S.No.</b>	<b>Name &amp; Address</b>
1.	Chancellor, Central University of Gujarat, Gandhingar – Prof. Y.K. Alagh - Chairman
2.	Vice-Chancellor, Central University of Gujarat, Gandhingar – Prof. S.A. Bari
3.	Dr. Harshard Desai, Vice-Chancellor, Dharmsinh Desai University, Nadiad-387001 (Gujarat)
4.	Dr. Harish Padh, Bio-Technologist, Vice Chancellor, Sardar Patel University, Vallabh Vidya Nagar, Gujarat.
5.	Dr. Naresh Ved (Writer & Poet), Former Vice Chancellor of Gujarat University and Bhavnagar University, Gujarat., Kadamba, No. 35, Professor Society, Near Saurashtra Colony, Mota Bazar, Vallabh Vidyanagar – 388120
6.	Padmashri Shri Sitanshu Yashchandra, (Former Vice-Chancellor Saurashtra University, Rajkot), 302 – B, Shravan Residency, Cosmic Enclave, Sama Vadodara-390 024
7.	Shri Dinesh C. Patel, 3rd Floor, Sanket II, Near Grid, Lambhavel Road, Anand-388001.
8.	Dr. Vijay R. Dave 12, Pushpadev Society, Near Radio Mirchi Tower, Satellite, Ahmedabad
9.	Shri Nitin H. Shah, 43/254, Vijaynagar, Naranpura, Ahmedabad-380 013.
10.	Shri Lakhanbhai B. Bharwad Nisarg Farm, Sardar Patel Ring Road, Bhadaj Village, Ahmedabad.
11.	Dr. B.S. Rawat, 11, Shantam Bungalow, Near Rituraj Flat, T.B. Hospital Road, Mehsana-384002, Gujarat.
12.	Dr. Dharam D. Kambalia,

Haripar (Pal), Opposite Motel The Village,  
Kalawad Road, Rajkot-5, Gujarat.

13. Dr. Bhanuben D. Patel,  
A-4, Chaitanya Vihar, A.V.Road, Anand-388001 (Gujarat)
14. Shri Voleti Raya Bhaskara Rao,  
U.Kothapalli-533447 (P.O. & Mandal),  
East Godavari Distt., Andhra Pradesh.
15. Shri Salman Sayeed,  
House No.241, Sector 16, Vasundhra, Ghaziabad, Uttar Pradesh.
16. Prof. Sudhir K. Jain,  
Director, IIT Gandhi Nagar
17. Dr. Shilin N. Shukla,  
Hon. Director, The Gujarat Cancer & Research Institute, Ahmedabad.
18. Prof. Amita Shah,  
Director, Gujarat Inst. of Development Research, Ahmedabad, Gujarat.
19. Prof. J.N. Goswami,  
Director, Physical Research Laboratory, Navrangpura, Ahmedabad.
20. Dr. Dinesh N. Awasthi,  
Director, Entrepreneurship Development Institute of India, Ahmedabad.
21. Prof. Pradyumna Vyas,  
Director, National Institute of Design, Paldi, Ahmedabad.
22. Prof. D.R. Goel (Retd.)  
Centre of Advanced Study in Education, MS University of Baroda,  
Vadodara-390 002 (Gujarat)
23. Prof. Lalit Mohan Manocha,  
Head, Department of Materials Science, Sardar Patel University,

Vallabh Vidyanagar-388120 (Gujarat)

24. Prof. Anjana Desai,  
Professor Emeritus, Department of Microbiology, Faculty of Science,  
M.S. University of Baroda, Vadodara-390 002
25. Dr. Jagdish Arora, Director, INLIBNET, Gandhinagar
26. Prof. Sarita S. Gupta  
Department of Biochemistry, The Maharaja Sayajirao University of Baroda, Fatehgunj,  
Vadodara
27. Dr. Sourendra Gupta  
Theoretical Physics, TIFR, Mumbai
28. Dr. Timothy A. Gonsalves,  
Director, Indian Institute of Technology,  
Mandi Kamnad Campus, VPO Kamand,  
Distt. Mandi, HP – 175005.
29. Prof. P.V. Krishna Bhat,  
MLC, Bengaluru
30. Prof. M.L. Chippa,  
Vice-Chancellor,  
Atal Bihari Vajpayee Hindi University,  
Bhopal, Madhya Pradesh
31. Prof. Kamal Kishore Goenka,  
Vice-Chairman,  
Kendriya Hindi Sansthan, Agra
32. Dr. Manoj Soni  
Vice-Chancellor,  
Dr. Babasaheb Ambedkar Open University,  
Ahmedabad, Gujarat
33. Dr. Meena Chandavarkar  
Vice-Chancellor,  
Karnataka State Women's University
34. Registrar – Member Secretary

## The Second Executive Council of the University

(i)	Vice-Chancellor	Prof. S. A. Bari, Vice-Chancellor (Chairperson, Ex-officio)
(ii)	Pro Vice-Chancellor	Vacant
(iii)	A Central University Vice-Chancellor or a serving University Professor of Eminence, nominated by the Executive Council on the recommendation of the Vice-Chancellor	Prof. T.V. Kattimani, Vice-Chancellor, Indira Gandhi National Tribal University, Amarkantak, M.P.
(iv)	Dean of Students' Welfare	Prof. Alok Gupta (Member)
(v)	Five Deans of Schools of Studies of whom not more than three shall be from each of the Groups specified below by rotation according to seniority: <b>Group-I</b> Faculty of Social Sciences, Management and Humanities <b>Group-II</b> Faculty of Science, Technology and Health Science	<b>Group-I</b> Prof. Alok Gupta, Professor, Dean, SLL&CS (w.e.f. 01.12.2014) Prof. N. Rajaram, Dean, SSS Dr. Sanjay Kumar Jha, Dean, SIS <b>Group-II</b> Prof. M.H. Fulekar, Dean, SESD Prof. Man Singh, Dean, SCS (Members)
(vi)	One Professor, who is not a Dean, by rotation according to seniority, nominated by the Vice-Chancellor	Vacant
(vii)	One Associate Professor, by rotation according to seniority, nominated by the Vice-Chancellor	Dr. Atanu Bhattacharya, Associate Professor, SLL&CS (Member)
(viii)	One Assistant Professor, by rotation according to seniority, nominated by the Vice-Chancellor	Dr. Prakash Jha, Assistant Professor, SCS (Member)
(ix)	Two members of the Court, when constituted, elected from amongst the elected members, none of whom shall be an employee or student of the University or an Institution recognized by or associated with the University	Vacant
(x)	Four persons of distinction in academic life, to be nominated by the Visitor	1. Dr. Ranjan M. Welukar, Vice-Chancellor, University of Mumbai 2. Prof. Gita Bajpai (Retd.), Professor & Head, Deptt.of History, M.S. University, Vadodara 3. Prof. S.C. Sahasrabudhe Director, DAIICT, Gandhinagar 4. Prof. Sudhir K. Jain, Director, IIT, Gandhinagar (Members)
(xi)	One member each from the categories, namely, Scheduled Castes, Scheduled Tribes, Other Backward Classes, Minorities, Women and Differently Abled, shall be nominated by the Vice-Chancellor as members from the	Prof. Darvesh Gopal <b>Department of Political Science, SSS, IGNOU, New Delhi</b> (Member) Prof. Virginius Xaxa, Deputy Director, TISS, Guwahati (Member)

	teachers of the University or other Central/State Universities	Prof. P.K. Yadava, SLS, JNU, New Delhi (Member)
		Prof. R.S. Ghuman, Professor Nehru-SAIL Chair, CRRID, Chandigarh (Member)
		Prof. Ameena Kazi Ansari, Dept. of English, Jamia Millia Islamia, New Delhi - 110025 (Member)
		Prof. Deepak Sharma, SLS, JNU, New Delhi (Member)
(xii)	Registrar – Secretary	Prof. N. Rajaram (Secretary, Ex-officio)

## The Second Academic Council of the University

S.No.	Category	Members
I.	Vice-Chancellor	Prof. S.A. Bari, Vice-Chancellor (Chairperson, ex-officio)
II.	Pro Vice-Chancellor	Vacant
III.	A Central University Vice-Chancellor or serving Professor of eminence, co-opted by the Academic Council on the recommendation of the Vice-Chancellor.	Vacant
IV.	Deans of Schools of Studies	1. Prof. N. Rajaram, SSS 2. Prof. Man Singh, SCS 3. Prof. M.H. Fulekar, SESD 4. Prof. Man Singh, SLS (Offg.) 5. Prof. Alok Kumar Gupta, SLL&CS 6. Dr. Sanjay Kumar Jha, SIS.
V.	Chairpersons of Centres of Studies	1. Dr. Balaji Ranganathan, CCLTS/SLL&CS 2. Dr. Atanu Bhattacharya CES/SLL&CS 3. Dr. Indira Dutta, CESP/SSS 4. Dr. Sanjeev Dubey, CSHLL/SLL&CS 5. Dr. Chhagan Lal, CSC/SCS
VI.	Six Professors, by rotation, representing different academic disciplines, according to seniority, nominated by the Vice-Chancellor	Vacant.

VII.	Six Associate Professors, by rotation, representing different academic disciplines, according to seniority, nominated by the Vice-Chancellor.	Dr. Jaya Prakash Pradhan, CSEP/SSS
VIII.	Six Assistant Professors, by rotation, representing different academic disciplines, according to seniority, nominated by the Vice-Chancellor	<ol style="list-style-type: none"> <li>1. Dr. Prakash Jha, SCS</li> <li>2. Shri Vinai Kumar Donthula, SLL&amp;CS</li> <li>3. Dr. Mohandas Singh Nongmaithem, SIS</li> <li>4. Dr. Kunal Sinha, SSS</li> <li>5. Dr. Rajesh Singh, SESD</li> <li>6. Dr. Umesh Chand Singh Yadav, SLS</li> </ol>
IX.	Dean of Students' Welfare	Prof. Alok Kumar Gupta
X.	Librarian	Vacant
XI.	Proctor	Dr. Jaya Prakash Pradhan.
XII.	One Provost by rotation according to seniority	Dr. Sanjay Kumar Jha
XIII.	One Warden by rotation according to seniority	Dr. Vinod Sen
XIV.	Four persons not in the service of the University, co-opted by the Academic Council for their special knowledge	Vacant
XV.	Two members of the Court, when constituted, elected from amongst the elected members, none of whom shall be an employee or student of the University or an institution recognized by or associated with the University	Vacant
XVI.	Two students' representatives, to be nominated by the Vice-Chancellor on the basis of merit, for a tenure of one year, from members of the Students Council of the University, on rotation basis. Such members shall not have the right to be present at the meeting of the Academic Council when it takes up for consideration any of the following subjects:  Faculty positions, recruitment, conditions of service and academic freedom;  Evaluating academic performance and merit of students	<ol style="list-style-type: none"> <li>1. Ms. Faba David - <b>(for one year)</b></li> <li>2. Shri Rohit patel - <b>(for one year)</b></li> </ol>
XVII.	One member each from the categories, namely, Scheduled Castes, Scheduled Tribes, Other Backward Classes, Minorities, Women and	<ol style="list-style-type: none"> <li>1. Prof. Jogdand, Department of Sociology, University of Mumbai, Mumbai</li> </ol>

Differently Abled shall be nominated by the Vice-Chancellor as members from the teachers of the University or other Central/State Universities.

2. Prof. Sonajharia Minz, School of Computer and System Sciences, JNU, New Delhi
3. Prof. Sushma Yadav, Dr Ambedkar Chair in Social Justice, Indian Institute of Public Administration, Indraprastha Estate, Ring Road, New Delhi
4. Prof. Nisar-ul-Haq, Head, Department of Political Science, Jamia Millia Islamia, New Delh
5. Prof. Arti Nanavati, Head, Department of Economics, Faculty of Arts, MS University of Baroda, Vadodara
6. Shri Priya Ranjan Kumar, Asstt. Professor, CGTPS, SSS, CUG  
Prof. N. Rajaram,-Secretary (ex-officio)

XVIII. Registrar - Secretary

## **The Finance Committee of the University**

<b>Sr. No</b>	<b>Name and Designation</b>
1	Prof. S.A. Bari, Vice-Chancellor, Central University of Gujarat ( Chairman, Ex-officio)
2	Prof. Man Singh, Dean, School of Chemical Sciences, Central University of Gujarat
3	Dr. Jagdish Arora, Director, INFLIBNET Centre, Gandhinagar
4	Dr. A.K.Malik, Registrar, South Asian University, New Delhi
5	Shri Yogendra Tripathi, IAS, Joint Secretary & FA, MHRD, New Delhi
6	Shri K.P. Singh, Joint Secretary, UGC, New Delhi
7	Shri Sukhbir Singh Sandhu, Joint Secretary(CU&L,CVO), MHRD, New Delhi
8	The Finance Officer-Secretary-Ex-officio

## CUG Administration

1	Prof. S. A. Bari	Vice-Chancellor
2.	Prof. S.L. Hiremath	Registrar
3.	Dr. Sanjay Kumar Jha	Finance Officer (Offg.)
4.	Dr. Sanjeev Kumar Dubey	CoE (Offg.)
5	Dr. Gitesh Joshi	Jt. Registrar
6	Dr. Kotrayya Basayya Agadi	Assistant Librarian
7	Shri Mukesh Ashirvadbhai Parmar	Assistant Registrar
8	Shri Tarun K. Soni	Section Officer
9	Shri Shamsher Singh	Section Officer
10	Shri Jayeshkumar Manorlal Parmar	UDC
11	Shri Mukesh Pratapji Chavda	UDC
12	Ms. Rinal Baldevbhai Patel	UDC
13	Ms. Bela Laxmanbhai Cholavia	UDC
14	Shri Paresh Chimanlal Parekh	Driver
15	Shri Phool Singh Meena	Driver
16	Shri Bharatkumar Babubhai Rathod	Laboratory Attendant
17	Shri Chandrakant Ashokrao Ingle	Library Attendant

## Faculty at the University

### School of Language, Literature and Culture Studies

Prof. Alok Kumar Gupta	Professor
Prof. (Dr.) Rachel K. Bari	Professor
Dr. Atanu Bhattacharya	Associate Professor
Dr. Sanjeev Kumar Dubey	Associate Professor
Dr. Balaji Ranganathan	Associate Professor
Shri Vinai Kumar Donthula	Assistant Professor
Shri Prabhat Kumar	Assistant Professor
Dr. Anushka Gokhale	Assistant Professor
Shri Roshan Lal Jahel	Assistant Professor
Dr. Ishmeet Kaur Chaudhry	Assistant Professor
Ms. Dhara K. Chotai	Assistant Professor
Ms. Zarana Dilipkumar Maheshwary	Assistant Professor
Dr. Kingson Singh Patel	Assistant Professor
Dr. Pramod Kumar Tiwari	Assistant Professor
Dr. Zakia Firdaus Sulaiman	Assistant Professor
Ms. Niveditha Kalarikkal	Assistant Professor
Dr. Gajendra Kumar Meena	Assistant Professor
Prof. E.V. Ramakrishnan	Professor Emeritus

### School of Social Sciences

Prof. N. Rajaram	Professor
Dr. Jaya Prakash Pradhan	Associate Professor
Dr. (Mrs.) Indira Dutta	Associate Professor
Dr. Parvathi Krishnaswamy Iyer	Assistant Professor
Dr. Kunal Sinha	Assistant Professor
Dr. Vinod Sen	Assistant Professor
Dr. Shiju Sam Varughese	Assistant Professor
Dr. Sony Kunjappan	Assistant Professor
Dr. Sarala Dasari	Assistant Professor
Dr. Hemant Kumar	Assistant Professor
Dr. Dhananjay Kumar Rai	Assistant Professor
Dr. Jagannatham Begari	Assistant Professor
Dr. Jayashree Ambewadikar	Assistant Professor
Dr. Asima Jena	Assistant Professor

Dr. Beryl Anand	Assistant Professor
Shri Smruti Ranjan Dhal	Assistant Professor
Dr. Sudarshan Papanna	Assistant Professor
Dr. Litty Denis	Assistant Professor
Dr. Khaikholen Haokip	Assistant Professor
Dr. Tulika Tripathi	Assistant Professor
Dr. Priya Ranjan Kumar	Assistant Professor
Dr. Kshamanidhi Adabar	Assistant Professor
Dr. Sudeep Basu	Assistant Professor

### School of International Studies

Dr. Sanjay Kumar Jha	Associate Professor
Dr. Kishore Jose	Assistant Professor
Dr. Mohandas Singh Nongmaithem	Assistant Professor
Dr. Saurabh Sharma	Assistant Professor
Dr. Atul Mishra	Assistant Professor
Dr. Manasi Singh	Assistant Professor
Dr. Reji Joseph	Assistant Professor

### School of Life Sciences

Prof. J.P.N. Mishra	Professor
Dr. Umesh Chand Singh Yadav	Assistant Professor
Dr. Rajesh Vasita	Assistant Professor
Dr. Achuit Kumar Singh	Assistant Professor (On Contract)

### School of Chemical Sciences

Prof. Man Singh	Professor
Dr. Prakash Jha	Assistant Professor
Mr. L. Raju Chowhan	Assistant Professor
Dr. Dhananjoy Mondal	Assistant Professor (On Contract)

### School of Environment and Sustainable Development

Prof. M.H. Fulekar	Professor
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Dr.Rajesh Singh	Assistant Professor
Dr. Paulami Sahu	Assistant Professor
Dr. Rina Kumari	Assistant Professor
Dr. Dheeraj Rathore	Assistant Professor
Dr. Bhavna Pathak	Assistant Professor (On Contract)

**Centre for Nano Sciences**

Prof. T. Bagchi	Professor
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**Centre for Library and Information Sciences**

Dr. Muttayya K	Professor
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## Research Scholars Awarded Research Degree: 2014-15

Sr. No.	Name and Admission of student	School/Centre	Title of the Dissertation	Name of the Supervisor	Date of Award of Provisional Degree
1	Sh. Hiren J. Patel, CUG/2011/0016	SLL&CS/CCLT S	“Shakespeare in Gujarati: A Comparative Study of Two Gujarati Translations of Shakespeare’s Hamlet”	Prof. E.V.Ramakrishnan	03-Apr-14
2	Sh. Dipak M. Barkhade, CUG/2011/0017	SLL&CS/CCLT S	“The Emergence of Tragedy in Gujarati Theatre: A Comparative Study of Three Dukhdarshak Natak ”	Dr. Urmila Bhardikar	03-Apr-14
3	Ms. Vandana Parmar CUG/2011/0096	SSS/CGTPS	“Gandhian Movement and Empowerment of Women: A Case Study of SEWA”	Dr. Dhannanjay Rai	04-Apr-14
4	Sh. Awkash Kumar CUG/2011/0028	SIS/CSS	“Human Trafficking As a Security Threat: A case Study of Bihar”	Dr. Sanjay Kumar Jha	15-Apr-14
5	Sh. Amit Kumar Yadav CUG/2011/0107	SESD	“Studies on Ash Pond and Rhizofiltration of Heavy Metals From Thermal Power Plant Gandhinagar ”	Prof. M.H. Fulekar	17-Apr-14
6	Sh. Dharmendra Patel CUG/2011/0007	SSS/CSSTIP	“Status and Challenges of Greenhouse Gas Emissions in Dairy Development in India”	Dr. Kunal Sinha	17-Apr-14
7	Ms. Krishna Rawat CUG/2011/0109	SESD	“Enzymatic Mechanism During Phytoextraction of Heavy Metals from Fly Ash Amended Soil ”	Prof. M.H. Fulekar	28-Apr-14
8	Ms. Pramila Sharma CUG/2011/0115	SESD	“E-Waste: Characterization and Bioremediation of Heavy Metals Using Indigenous Microorganisms”	Dr. Bhawana Pathak	29-Apr-14
9	Ms. Kinjal Rathod CUG/2011/0103	SLL&CS/CSD	“Gender and Migration: A Study of Indian Diaspora in the United States of America”	Dr. Shailendra Kumar	29-Apr-14
10	Ms. Sarjoo Shah CUG/2011/0023	SLL&CS/CCLT S	“The Witch and the Configuration of Gender Norms: A reading of Post-Independence Gujarati and Bengali Literary and Cultural Representations ”	Dr. Navaneetha Mokkil	29-Apr-14

11	Sh. Brambhatt Sandipkumar CUG/2011/0129	SSS/CSSD	“Contested Identity of Local Health Practitioners: A Study in Ahmedabad Gujarat”	Dr. Asima Jena	02-May-14
12	Sh. Sheeraz Ahmad Alaie CUG/2012/0210	SSS/CSSTIP	“Regional Innovation System in Horticulture: A Study of Apple Production in Jammu and Kashmir”	Dr. Hemant Kumar	06-May-14
13	Sh. Safeer Mukhtar CUG/2012/0242	SSS/CSEP	“Labour in Carpet Weaving Industry of Jammu and Kashmir with Special Reference to District Baramulla ”	Dr. Indira Dutta	09-May-14
14	Sh. Raooof Ahmad Lone CUG/2012/0254	SSS/CSEP	“Determinants of Agricultural Diversification in Jammu and Kashmir: An Economic Analysis of District Kulgam and Shoping”	Dr. Vinod Sen	12-May-14
15	Sh. Dharmanshu V. Vaidya CUG/2011/0025	SLL&CS/CCLT S	“Nation and Historical Fiction: A Comparative Study of Anandamath and Jay Somanatha ”	Dr. Ishmeet Kaur	12-May-14
16	Sh. Manish Kumar Patel CUG/2011/0121	SSS/CSSD	“Food Security As a Right : A Study of Integrated Child Development Services Scheme in Indore City, Madhya Pradesh”	Dr. Jayashree Ambewadikar	23-Jun-14
17	Sh. Rajiv Kumar, CUG/2012/0209	SSS/CSSTIP	“Challenges and Prospects of Innovation in Indian Automobile Industry”	Dr. Kunal Sinha	11-Aug-14
18	Sh. Kapil Dev Yadav CUG/2012/0245	SSS/CSEP	“Green Finance : A Dynamic March Towards Sustainable Development”	Dr. Indira Dutta	12-Aug-14
19	Sh. Shahnawaz Ahmad Rather CUG/2012/0241	SSS/CSEP	“Horticulture and Its Impact on Poverty Alleviation in Jammu and Kashmir: Case Study of Pulwama District”	Dr. Indira Dutta	19-Aug-14
20	Sh. Ankush Manik Kamble CUG/2011/0101	SLL&CS/CSD	“The Formation of Indian Identity in the Caribbean : A Study of V.S. Naipaul’s A House for Mr. Biswas and Seepersad Naipaul’s the Adventures of Gurudeva”	Dr. Siba Sankar Mohanty	25-Aug-14
21	Sh. Ingole Prashant Ramprasad CUG/2012/0230	SLL&CS/CCLT S	“Reconstructing the Story of Marginalization : A Comparative Study of Bhimayana and Gardener in the Wasteland”	Dr. Navaneetha Mokkal	27-Aug-14

22	Sh. Yashvant Rao CUG/2012/0364	CNS	“Chemical Method for Preparation, Characterization of Cadmium Sulfide Nanoparticles and Their Aggregation Pattern With Fluorescent Dyes For Application As Nanosensor”	Prof. Man Singh	02-Sep-14
23	Sh. Kamble Rahul Dnyanoba CUG/2012/0227	SLL&CS/CCLT S	“A Comparative Study of Bhalchandra Nemade’s Kosala and U.R. Ananthamurthy’s Samskara With Reference to Socio – Cultural Themes”	Dr. Balaji Ranganathan	12-Sep-14
24	Sh. Sonam Tobgyal CUG/2012/0314	SLL&CS/CSD	“Tibetan Diaspora, Nationalism and Homeland Movement: A Critical Analysis”	Dr. Shailendra Kumar	12-Sep-14
25	Sh. Tareef Husain CUG/2012/0252	SSS/CSEP	“Growth of Indian Pharmaceutical Industry: A Regional Analysis”	Dr. Jaya Prakash Pradhan	12-Sep-14
26	Ms. Morve Roshan Khalil, CUG/2012/0518	SLL&CS/CCLT S	“Understanding Conflict and Discrimination: A Comparative Study of Nadine Gordimer’s My Son’s Story (1990) and Chimamanda Ngozi Adichie’s Half of a Yellow Sun(2006)	D. Zakia Firdaus	12-Sep-14
27	Sh. Mohsin Yousuf Lone, CUG/2012/0270	SCS	“Comfort Towards an Understanding of Absorption and Emission Spectra: A Computational Insight”	Dr. Prakash Jha	19-Sep-14
28	Sh. Prabodh Ranjan, CUG/2012/0269	SCS	“Synthesis, Characterization, Biological and Physicochemical Properties of Novel Imidazole Based Ionic Liquids”	Prof. Man Singh	22-Sep-14
29	Sh. Parth Malik, CUG/2012/0371	CNS	“Preparation, Physicochemical Characterization and Antioxidant Ability Modulation of Natural Phenolic Antioxidant Curcumin Via Novel Bionanoemulsions”	Prof. Man Singh	24-Sep-14
30	Sh. Siddharth Shrihari Maske, CUG/2012/0223	SLL&CS/CCLT S	“Hammer and the Beetle: Protest of the Oppressed: A Comparative Study of Eknath Awad’s Jag Badal Ghaluni Ghav (Take a Hammer to Change the World) and C.K. Janu’s Mother Forest: The unfinished story of C.K. Janu”	Dr. Atanu Bhattacharya	24-Sep-14
31	Sh. Jahangir Ahmad Khan, CUG/2012/0354	SIS/CSPG	“Coalition-Government, National Interest, and Foreign Policy: A Case Study of UPA-1”	Dr. Reji K. Joseph	29-Sep-14

32	Sh. Kapil Meena, CUG/2012/0253	SSS/CSEP	“Impact of MGNREGA on Women Empowerment (A Case Study of District Jaipur of Rajasthan)”	Dr. Vinod Sen	01-Oct-14
33	Sh. Desai Dakshababen Amrutlal, CUG/2012/0221	SLL&CS/CCLT S	“Feminist Concerns and The Issues of Resistance in Gujarati Women Writers 1980 onwards : A Comparative Study of Kundanika Kapadia’s Saat Pagala Akash Ma (1984) and Ila Arab Mehta’s Panch Pagala Pruthavi Par (1995)”	Dr. Ishmeet Kaur	08-Oct-14
34	Sh. Shamseer Babu PK, CUG/2012/0229	SLL&CS/CCLT S	“Community, Culture, and Power: Treatment of Marginality and Modernity in Selected Works of Vaikom Muhammad Basheer”	Prof. E.V. Ramakrishnan	09-Oct-14
35	Sh. Indrajit Sharma, CUG/2012/0232	SIS/CSS	“Negotiations and Peace Processes: Conflict Resolution in Assam”	Dr. N. Mohandas Singh	09-Oct-14
36	Sh. Afroz Ahmad CUG/2012/0519	SIS/CSS	“Examining India’s Internal Security Reforms: A Case Study of Post 26/11 Mumbai Terror Attack”	Prof. Sanjay Kumar Jha	09-Oct-14
37	Ms. Trupti Mathther CUG/2011/0122	SSS/CSSD	“Social Institutions, Selfhood and Women: A Study of Inter-Caste Marriages in Ahmedabad City”	Dr. Jayashree Ambewadikar	11-Oct-14
38	Ms. Sruthi Krishna CUG/2011/0119	SSS/CSSD	“Interrogating Gender and Caste: A Study of Dalit Women’s Autobiographies”	Dr. Madhumita Biswal	13-Oct-14
39	Sh. Puneet Kumar Shrivastav, CUG/2012/0249	SSS/CSEP	“Employment Practices in Multinational Companies (MNCs) Operating in India”	Dr. Vinod Sen	16-Oct-14
40	Sh. Dinesh Kumar, CUG/2012/0262	SCS	“Physicochemical Impact of Urea on Thermodynamics of Interactions Between BSA and Aqueous Lanthanide Nitrates Studied Under Different pH Conditions”	Prof. Man Singh	20-Oct-14
41	Sh. Waghmare Vikas Meghraj, CUG/2012/0206	SSS/CSSTIP	“Exploring The Challenges and Prospects of Emerging Irrigation Technology with a Special Reference to Beed District in Maharashtra”	Dr. Kunal Sinha	20-Oct-14
42	Sh. Santosh Kumar Banjare CUG/2012/0516	SLL&CS/CSD	“Role of Social Media in International Migration: A Case Study of Indian Immigrants in the United Kingdom”	Dr. Naresh Kumar	30-Oct-14
43	Sh. Priyank Upadhyay, CUG/2011/0012	SSS/CSSTIP	“Technology and Urban Planning: The Ahmedabad-Gandhinagar Metrorail Project”	Dr. Shiju Sam Varughese	30-Oct-14

44	Sh. Sivannarayana Bandela CUG/2012/0523	SLL&CS/CSD	“Indian Diaspora in the United States of America: A Study of Immigration Policy Perspective”	Dr. Naresh Kumar	31-Oct-14
45	Ms. Shivani Rajivkumar Pandya, CUG/2012/0514	CNS	“Preparation and Characterization of Magnetic Nanoparticles and Their Impacts on Anticancer Drug Binding and Release Processes Moderated Through 1st Tier Dendrimers”	Prof. Man Singh	04-Nov-14
46	Sh. MD Rizwan, CUG/2012/0370	CNS	“Preparation of Potential Aggregates of Variable Sizes of Ag-Nanoparticles with 1st Tier Dendrimers and Their Physicochemical Significance for Developing Structurally Unique Materials”	Prof. Man Singh	04-Nov-14
47	Sh. Mohammed Nizamuddin, CUG/2012/0246	SSS/CSEP	“Sustainable Development Emerging Issues in India”	Dr. Indira Dutta	11-Nov-14
48	Sh. Deepesh Nandan, CUG/2012/0300	SSS/CGTPS	“The Emergence of Bahujan Samaj Party: Debating the Socio-Economic and Political Rights of Dalit-Bahujans in Uttar Pradesh”	Dr. B. Jagannatham	13-Nov-14
49	Sh. Chitta Ranjan Mishra, CUG/2012/0307	SSS/CGTPS	“Development and Displacement : The Question of Human Rights-A Case Study of Posco Project in Odisha”	Dr. B. Jagannatham	14-Nov-14
50	Sh. Kunal Kumar CUG/2012/0276	SLS	“Study of Cancer Modulating Properties of Different Classes of Pesticides Using Human Gastric Cancer Cells”	Prof. Rana P. Singh	17-Nov-14
51	Sh. Gajendra Kumar Inwati, CUG/2012/0372	CNS	“Preparation of Platinum Single Nanocrystals and Their Characterization with AFM and Single Crystal XRD”	Prof. Man Singh	17-Nov-14
52	Ms. Shreya Modi, CUG/2012/0373	CNS	“Decolorization and Biodegradation of Azo Dye Compound Using Microbial Synthesized Silver Nanoparticles and Silver Resistant Microorganism”	Prof. M.H. Fulekar	17-Nov-14
53	Ms. Vaishali Kaushikkumar Shukla, CUG/2012/0515	CNS	“Synthesis and Properties Study of Novel Water Soluble Photo Luminescent ZnS/L-Cysteine: Core/Shell Nanoparticles via Facils CTAB Aqueous Micellar Solution Route”	Prof. Man Singh	20-Nov-14

54	Sh. Chandra Kaladhar V. CUG/2012/0285	SLS	“In Vitro Regeneration of Tomato Plant With ToLCV Effector AC4 Gene and Molecular Analysis of Anomalies in Transient Expressed Plant”	Dr. Achuit Kumar Singh	20-Nov-14
55	Ms. Lala Krishna Rameshchandra, CUG/2012/0251	SSS/CSEP	“Subnational Policy and Development of It Industry in India: Comparative Study of Karnataka and Gujarat”	Dr. Jaya Prakash Pradhan	24-Nov-14
56	Sh. Deshpande Rajendra Prabhakar, CUG/2011/0098	SSS/CGTPS	“MGNREGA and Human Development: A Critical Analysis”	Dr. Dhananjay Rai	24-Nov-14
57	Sh. Mumtaz Ahmad Shah, CUG/2012/0350	SIS/CSPG	“Values and Power Transition: Understanding India’s New Foreign Policy”	Dr. Atul Mishra	28-Nov-14
58	Sh. Salu D’Souza, CUG/2012/0310	SLL&CS/CSD	‘Longing’, ‘Belonging’ and ‘Space’ in Diaspora: A Study of Jaishree Misra’s Ancient Promises and Afterwards’	Dr. Siba Sankar Mohanty	28-Nov-14
59	Sh. Sarat Kumar Jena, CUG/2011/0015	SLL&CS/CCLT S	“Ethnic Identity and Nation Formation: Politics of Representation in Gopinath Mohanty’s Paraja (Paraja, 1945) and Pratibha Ray’s Adibhumi (The Primal Land, 1993)”	Dr. Ishmeet Kaur	01-Dec-14
60	Sh. Basharat Nazir Reshi, CUG/2012/0234	SIS/CSS	“Democracy Counterinsurgency and Rule of Law”	Dr. Sanjay Kumar Jha	01-Dec-14
61	Sh. Konathala Ravi Shankar, CUG/2012/0365	CNS	“Interaction Studies of Unusual Oxidation States of Cerium With Peptides”	Prof. Man Singh	06-Dec-14
62	Ms. Archana Asatkar, CUG/2012/0264	SCS	“To Study Antioxidant Properties of Trimesoyl 1,3,5-Tridimethyl Malonate (TTDMM) to Trimesoyl 1,3,5-Tridipropyl Malonate (TTDPM) Dendrimers: Scavenging of di(Phenyl)-(2,4,6-Trinitrophenyl) Iminoazanium (DPPH) Radical”	Prof. Man Singh	07-Dec-14
63	Ms. Kshipra Jain, CUG/2012/0281	SLS	“To Study the Pathogenicity of Pumpkin Yellow Vein Mosaic Virus”	Dr. Achuit Kumar Singh	08-Dec-14
64	Ms. Parvani Ruganath Sharma, CUG/2012/0228	SLL&CS/CCLT S	“Reconstruction of Identity of Kutch Region Through Kutchi Folk Songs and Digital Culture”	Dr. Atanu Bhattacharya	09-Dec-14

65	Sh. Zahoor Ahmad Wani, CUG/2012/0352	SIS/CSPG	“Role of Confidence Building Measures (CBMs) in India-Pakistan Relations”	Dr. Atul Mishra	09-Dec-14
66	Sh. Nitin Kumar Sharma, CUG/2012/0272	SCS	“Synthesis, Characterization and Biomedical Applications of –CH <sub>3</sub> Substituted Benzylamine Supported Pt (IV) and Pd (II) Complexes”	Prof. Man Singh	20-Dec-14
67	Sh. Anil Kumar, CUG/2012/0374	CNS	“Anti-Dermatophyte and Molecular Aspect of Agrobacterium Genesis of Selenium Nanoparticles”	Dr. Dhananjay Mondal	22-Dec-14
68	Sh. Shivang Kanubhai Desai, CUG/2012/0268	SCS	“Synthesis and Characterization of Carbohydrate-Based Biodegradable Nanopolyurethane for the Purification of Biodiesel”	Dr. Dhananjay Mondal	24-Dec-14
69	Ms. Reena Kumari Tondwal, CUG/2012/0263	SCS	“Study of Molecular Mechanism of Increasing Dialkyl Chain of Dendrimers in Methotrexate Binding and Release”	Prof. Man Singh	26-Dec-14
70	Ms. Rathod Reenaben Vinodray, CUG/2012/0261	SCS	“Synthesis and Characterization of New Fluorescein-Based Fluorescent Probe for Metal Ion Detection”	Dr. Dhananjay Mondal	26-Dec-14
71	Mr. Hari Singh, CUG/2012/0292	SLL&CS/CHLL	“हिन्दी और गुजराती कहानियों में निरूपित दलित जीवन” (“भारतीय दलित साहित्य कथा-कोश”. हिन्दी और गुजराती के सन्दर्भ में)	Prof. Alok Gupta	05-Jan-15
72	Ms. Shyja P, CUG/2012/0295	SLL&CS/CHLL	“स्वातंत्र्योत्तर हिंदी नाटक में कलाकार और सत्ता के संघर्ष की अभिव्यक्ति (‘आषाढ का एक दिन’, ‘आठवाँ सर्ग’, ‘हानूश’ के विशेष सन्दर्भ में)	Prof. Alok Gupta	09-Jan-15
73	Ms. Aditi Swami, CUG/2012/0225	SLL&CS/CCLT S	“Translation of a Sixteenth Century Bhakti-Poet: Dadu Dayal’s Dadu Anubhav Vani’s” “Gurudev Ka Ang”	Dr. Balaji Ranganathan	10-Jan-15
74	Mr. Pushpendra Kumar, CUG/2012/0288	SLL&CS/CHLL	“उपन्यास और इतिहास का अंतः-संबंध जयसोमनाथ – कन्हैयालाल माणिकलाल मुंशी (गुजराती), ‘सोमनाथ-आचार्य चतुरसेन शास्त्री (हिंदी) एवं ‘सोमतीर्थ’-रघुवीर चौधरी (गुजराती) के विशेष संदर्भ में”	Dr. Sanjeev Kumar Dubey	15-Jan-15

75	Mr. Davood Ahmad Dar, CUG/2012/0328	SESD	“Assessment of Carbon Sequestration Potential of Herbaceous Vegetation in Gulmarg Forest of Kashmir Valley”	Prof. M.H. Fulekar	16-Jan-15
76	Ms. Anu George, CUG/2012/0313	SLL&CS/CSD	“Memory and Migration in The Short Fictions of Saadat Hasan Manto and Jiginder Paul”	Dr. Siba Sankar Mohanty	19-Jan-15
77	Ms. Reeta Verma, CUG/2012/0320	SESD	“Biodiesel Generation From Algal Biomass in a Designed and Developed Photobioreactor”	Dr. Bhawana Pathak	21-Jan-15
78	Mr. Hiralal Yadav, CUG/2011/0082	SLL&CS/CHLL	“२१वीं सदी के आदिवासी केन्द्रित हिन्दी उपन्यासों में इतिहास बोध (‘जो इतिहास में नहीं है’ और ‘धूनी तपेतीर’ उपन्यासों के विशेष सन्दर्भ में)”	Prof. Alok Gupta	22-Jan-15
79	Mr. M. Sameer Reddy, CUG/2012/0259	SCS	“Studies on Optimization and Development of Robust Methodology for the Synthesis of 3-Substituted, 3-Hydroxy-2-Oxindoles”	Prof. Man Singh	23-Jan-15
80	Mr. Kumar Anand, CUG/2012/0334	SSS/CSSD	“Knowledge, Economy & Critical Reason: Higher Education in India”	Dr. Asima Jena	28-Jan-15
81	Mr. Karpe Sameer Arvind, CUG/2012/0257	SCS	“Barbier Type Reaction on Isatin Imine and Its Derivative”	Prof. Man Singh	28-Jan-15
82	Mr. Rajesh Kumar, CUG/2011/0090	SLL&CS/CHLL	“नमिता सिंह की कहानियों में जनवादी चेतना (‘राजा का चौक’, ‘नील गाय की आँखें’, तथा ‘जंगल गाथा’ कहानी-संग्रहों के विशेष संदर्भ में)”	Dr. Sanjeev Kumar Dubey	30-Jan-15
83	Mr. Krushna Chetty, CUG/2012/0333	SSS/CSSD	“Ambedkar’s Inquiry of Caste System and Vision of New Society in India: A Postmodernist Interpretation”	Dr. Jayashree Ambewadikar	30-Jan-15
84	Ms. Kritika Adesh Gadpayle, CUG/2012/0323	SESD	“Carbon Sequestration in Rhizosphere Ecosystem and Influence By Varying Co2 Levels”	Prof. M.H. Fulekar	02-Feb-15
85	Mr. Mohd Aarif Rather, CUG/2012/0235	SIS/CSS	“Mapping Human Security Challenges in Kashmir Valley”	Dr. Kishor Jose	06-Feb-15

86	Mr. Ramanamurthi Botlagunta, CUG/2012/0522	SLL&CS/CSD	“Socio-Economic and Demographic Profile of Return Migrants: A Case Study of Mahbubnagar District in ‘Andhra Pradesh’ ”	Dr. Naresh Kumar	09-Feb-15
87	Mr. Ajeet Kumar, CUG/2012/0291	SLL&CS/CHLL	"मोहनदासनेमिशराय की कहानियोंमें दलितवेदना और प्रतिरोध (आवाजे और हमारा जवाब कहानी संग्रह के विशेष संदर्भमें)"	Dr. Gajendra Kumar Meena	10-Feb-15
88	Mr. Anant Kumar Mishra, CUG/2012/0299	SLL&CS/CHLL	"संबंधों का बदलता स्वरूप: रेहन पर रग्धू और 'महुआ चरित' के विशेष संदर्भमें"	Dr. Kingson Singh Patel	12-Feb-15
89	Ms. Ramya V., CUG/2012/0298	SLL&CS/CHLL	"छिन्नमस्ता उपन्यासमें अभिव्यक्त स्त्री उत्पीड़न एवं संघर्ष"	Dr. Kingson Singh Patel	12-Feb-15
90	Mr. Nabin Kumar Khara, CUG/2012/0311	SLL&CS/CSD	“India’s Policy Towards Its Diaspora (1991-2014)”	Dr. Siba Sankar Mohanty	12-Feb-15
91	Mr. N. Palaniappan, CUG/2012/0273	SCS	“The Potentiometric Study of Phosphonium Salt and Alkali Chlorides on Aqueous Amino Acids”	Prof. Man Singh	12-Feb-15
92	Mr. Gawai Vasant Prabhakar, CUG/2012/0521	SLL&CS/CSD	“Notion of ‘Homeland’ in Diaspora: A Study of Salman Rushdie’s Imaginary Homelands and Kiran Desai’s The Inheritance of Loss”	Dr. Siba Sankar Mohanty	17-Feb-15
93	Ms. Sasmita Jena, CUG/2012/0304	SSS/CGTPS	“Farmers’ Participation in Pani Panchayat: A Study in Boudh and Kandhamal Districts of Odisha”	Sh. Smruti Ranjan Dhal	18-Feb-15
94	Ms. Neha Singh, CUG/2012/0312	SLL&CS/CSD	“Indian Diasporic Films: Articulating Images of Women Sexuality and Cultural Identity”	Dr. Shailendra Kumar	19-Feb-15
95	Mr. Patel Niravkumar Hiteshbhai, CUG/2012/0306	SSS/CGTPS	“Gandhi’s Philosophy of Education and Its Practice: A Study of Grambharti”	Sh. Smruti Ranjan Dhal	23-Feb-15
96	Ms. Geetali Phookan, CUG/2012/0301	SSS/CGTPS	“Political Economy of Bodo Conflict in Assam”	Dr. Dhananjay Rai	24-Feb-15
97	Mr. Mohd Mansoor Beig, CUG/2012/0351	SIS/CSPG	“Criticisms of the Indo-US Civil Nuclear Agreement: An Analysis”	Dr. Atul Mishra	24-Feb-15
98	Mr. Mushtaq Ahmad Bhat, CUG/2012/0233	SIS/CSS	“Regional Organisations and Conflict Management: A Comparative Study of ASEAN and SAARC”	Dr. Manasi Singh	25-Feb-15

99	Mr. Alok Kumar Chandrakar, CUG/2012/0325	SESD	“Phytochemical Screening of Bioactive Compounds in Ethnomedicinal Plants From Gujarat”	Prof. M.H. Fulekar	25-Feb-15
100	Ms. Shalini Gupta, CUG/2012/0322	SESD	“Biodegradation of Benzene Under Anaerobic Condition”	Dr. Bhawana Pathak	25-Feb-15
101	Mr. Gudigonda Raj Kumar, CUG/2012/0236	SIS/CSS	“Understanding India-China Bilateral Relations: Border Issue and Beyond”	Dr. Kishor Jose	24-Feb-15
102	Mr. Ratan Singh, CUG/2012/0317	SESD	“Phytoremediation of Selected Heavy Metals Using Plant Growth Promoting Rhizobacteria (PGPR) in Pot Culture”	Dr. Bhawana Pathak	26-Feb-15
103	Mr. Rohit Kumar CUG/2012/0361	SIS/ CSPG	“Understanding Nepal’s Political Transition : Rise and Fall of the Constituent Assembly”	Dr. Saurabh Sharma	09-Feb-15
104	Mr. Chandan Tiwari CUG/2012/0244	SSS/ CSEP	“Structural Change in Indian Economy: A Sub-National Analysis”	Dr. Jaya Prakash Pradhan	27-Feb-15
105	Mr. Abhishek Shukla CUG/2012/0286	SL LCS/ CHLL	“बालकृष्णभट्टकेनिबंधोंमेंहिन्दीनवजागरणकास्वरूप (बालकृष्णभट्ट : प्रतिनिधिसंकलनकेविशेषसंदर्भमें)”	Prof. Alok Gupta	04-Mar-15
106	Ms. Dechen Wangmo CUG/2012/0315	SL LCS/ CDS	“Understanding Gender Relation Among Tibetan Diaspora in India: A Critical Analysis”	Dr. Shailendra Kumar	09-Mar-2015

## **FUTURE PLANS**

The University has rapidly grown in the year 2014-15. The University looks forward to acquire land soon from the State Government and develop its infrastructure that would be adequate for ever-growing University.

The University also intends to recruit faculty members and non-teaching staff in the near future for the existing vacant positions leading to a more vibrant campus.

The University is also in the process of finalizing the Master Plan for the new campus once land is allocated by the State Government.

On the academic front, the University intends to start new courses like M.Ed., B.Voc. Yoga and Health Sciences, Engineering, and Management once adequate infrastructure is in place.

## The Year in Photographs



*Students at a performance on the Republic Day 2015.*



*Members of the Academic Council pouring over papers.*



*Taking a break: a still from the Annual Sports Meet.*



*Ready to Play: Members of the Annual Sports Committee*



*Chancellor Prof. Y.K. Alagh introducing Prof. Prabhat Patnaik's lecture*



*The Vice-Chancellor and Officers of the University kick-starting the Swachh Barar Campaign*



*A still from the meeting of the University Court*



*A delegation from Liverpool University interacting with the Vice-Chancellor and the Deans of Schools.*



*A still from the Executive Council Meeting, August 2014.*



*Hon. HRD Minister Smt. Smriti Zubin Irani inaugurating the sector 29 Campus of the University.*



*Delegation of distinguished guests at the inauguration of sector 29 Campus of the University.*



*Vice-Chancellor Professor S.A. Bari interacting with overseas guests.*



*A delegation from China, along with Ambassador Kishan S. Rana, interacting with faculty members of the University.*



*His Excellency the Governor of Gujarat (centre) with Vice-Chancellor Professor Bari and other distinguished guests at a conference on the interrelationship of Hindi and Gujarati.*



*Participants about to Run for Unity!*



*The Vice-Chancellor with delegates at the Vibrant Gujarat Summit.*

## *Editorial Committee*

Dr. Atanu Bhattacharya, Convener

Dr. Atul Mishra

Dr. Shiju Sam Varughese

Dr. Asima Jena

Dr. Kumari Rina

Dr. Gajendra Meena

The Editorial Committee is thankful to the Administration of the Central University of Gujarat, its Deans and Faculty for helping us with the information regarding the activities of the university.

**Annual Report 2014-15 approved by the Executive Council in its meeting held on 09th November, 2015 vide Resolution No. 21 and approved by the Court of the University in its meeting held on 20<sup>th</sup> November, 2015vide Resolution No. 3.**