



# GURU GHASIDAS VISHWAVIDYALAYA

(A CENTRAL UNIVERSITY ESTABLISHED UNDER CENTRAL UNIVERSITIES ACT, 2009)

BILASPUR (CHHATTISGARH) INDIA



ANNUAL REPORT  
2013-2014

# 5<sup>th</sup> Convocation



Dr. L. Chaturvedi, VC, GGV Addressing



Dr. Madhav Menon, Chancellor, GGV Addressing



Memento Presenting to Dr. T. Ramasami



Proceeding Towards Convocation Hall



Student Receiving Degree



Students waiting for Oath Ceremony

# ANNUAL REPORT

(01.04.2013 – 31.03.2014)



**GURU GHASIDAS VISHWAVIDYALAYA**

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# VISION AND OBJECTIVES

## VISION

Motivated by the thoughts and teachings of Guru Ghasidas, a great Satnami Saint of 17th Century, Guru Ghasidas Vishwavidyalaya, Bilaspur, is committed to social empowerment, particularly of the weaker sections of the society, with the help of quality higher education and training. Focus of the University is on offering and strengthening innovative academic programmes in emerging interdisciplinary areas of Science, Social Science and Humanities with quality assurance so as to contribute to the growth of the knowledge base of the University in particular and academia in general. The University aims to provide value-based holistic education which will lead to the growth and development of the community better equipped to serve the mankind.

## OBJECTIVES

- To disseminate and advance knowledge by providing instructional and research facilities.
- To make special provisions for integrated courses in Humanities, Social Sciences and Science & Technology in its educational programmes.
- To take appropriate measures for promoting innovations in teaching-learning process, interdisciplinary studies and research.
- To educate and train manpower for the development of the country.
- To establish linkages with industries for the promotion of Science and Technology.
- To design and launch such academic programmes which can bring improvement in social and economic conditions of the people, specially the underprivileged ones, and lead to their intellectual, academic and cultural development.



# INSPIRATION



## **GURU GHASIDAS**

Guru Ghasidas Vishwavidyalaya is named after Saint Guru Ghasidas (1756-1836), a visionary social reformer. Guru Ghasidas founded Satnam Panth, a socio-religious sect, which challenged contemporary discriminatory social order and advocated for social equality by refuting the exploitative and hierarchical caste system. With his holistic vision and systematic reforms, Guru Ghasidas contributed significantly in removing the prevailing social injustice and inequality.

Satnam Panth believes that truth is God and there is only one God, which is formless (nirgun) and infinite (anant). Individual reformation was brought by prohibiting consumption of liquor and non-vegetarian food. Guru Ghasidas also formulated principles, which show his love for fauna and his desire to put an end to cruelty towards animals. The partisans of Satnam Panth have been following these dictates from last hundreds of years now.

After its upgradation into a central university, many steps have been taken by the University authorities to translate Guruji's philosophy into reality. Now, our campus is an alcohol and tobacco free campus. Our vibrant university campus, where students from diverse castes, creeds and classes come together from all over India, provides an egalitarian environment based on Guruji's teachings.

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## KULGEET

Guru Kripa Ke punya paras se, vidya ka vardan hai  
Ghasidas Vishwavidyalaya, ham sab ka abhiman hai

Mahanadi, Sheonath, Narmada, Hasdeo pavan dhara hai  
Antah-salila Arpa ka, satat pravah nirala hai  
Chhattisgarh ki maati ka, yeh abhishek mahan hai

Bhoramdeo, Sarguja, Shivari, Ratanpur, Malhar Yahin  
Kalidas ka aamrakoot hai, amar kavya shringar yahin  
Dharti, gagan, saghan van goonje, jeevan ka navgan hai

Shasya shyamala dharti hai, kheton mein hariyali hai  
Naye bhagirath korba jaisi, lok-shakti ki laali hai  
Jaag uthe hain gaon hamare, Jaage sabhi kisan hain

Gyan sabhyata se aalokit, vidvat-jan samman yahan  
Madhav, Lochan, Mukutdhar Pandey, Bakshi ji, aru Bhanu yahan  
Rao, Vipra, Ravishankar, Chhedi, Kunwar-Veer ka gaan hai

Manav mulyon ka srijan karein ham, samta, mamta, shanti bhare  
Harshit, pulkit ho bharat maa, sukh-samriddhi sarvatra jhare  
Vidhya-mandir ke prangan se, nav-yog ka abhiyaan hai

Guru kripa ke punya paras se ..... ..

*(This Kulgeet was composed by renowned political leader, litterateur and poet, Late Pandit Rajendra Prasad Shukla, First Speaker, Chhattisgarh Legislative Assembly)*



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# PART - I INTRODUCTION

# 1. INTRODUCTION

## 1.1 UNIVERSITY AT A GLANCE

Guru Ghasidas Vishwavidyalaya was established as state University in 1983, is a residential university. Named after Guru Ghasidas, a sixteenth century Satnami saint, the University was upgraded as a Central University under the Central Universities Act, 2009 during the XI Five Year Plan. The University is an active member of the Association of Indian Universities and Association of Commonwealth Universities. National Assessment and Accreditation Council (NAAC) has accredited the University with a B status.

Guru Ghasidas Vishwavidyalaya is located on the outskirts of the city of Bilaspur. Bilaspur, popularly known as Nyayadhani (the city of Justice) and Sanaskardhani (the city of culture) is a cosmopolitan city, which houses High Court of Chhattisgarh, the headquarters of South East Central Railways and South Eastern Coalfields Limited. The journey of the University began in a humble way with a few Departments in temporary buildings in Bilaspur city. Subsequently, it was shifted to the old army barracks of Second World War in the Koni area, located on the left bank of the river Arpa. The university campus is spread over 656 acres of land. Nature has bestowed the campus with unmatched beauty, immaculate blend of green areas and water bodies.

The University offers opportunities to young minds and facilitates the accomplishment of their creative talent with emphasis on character building through various streams of knowledge. The University comprises of the Institute of Technology and 32 University Teaching Departments. It offers a number of undergraduate and postgraduate programmes, besides diploma and postgraduate diploma courses. Admissions to all the programmes are made through a competitive All India Entrance Test conducted by the University. Admissions to the Institute of Technology (IT) and Department of Management Studies are made through All India Engineering Entrance Examination (AIEEE) and Management Aptitude Test (MAT), respectively. During 2013-14 academic session, 5958 students in the teaching Departments of the University have been enrolled.

Chhattisgarh, formerly an undeveloped region, is one of the fastest growing states in the country. As an industrial hub, the state requires sizeable pool of skilled manpower. The denizens of this area can tap these opportunities in a better manner by attaining quality education and training. The University has taken extensive steps to transform both teaching and learning process in order to meet contemporary global standards. To boost the quality of teaching, the university has appointed nationally and globally trained new faculty. The University is also committed to meet an ideal student-teacher ratio. The classrooms are being modernised by installing facilities like LCD projectors, quality furniture and air conditioners. Students are continuously evaluated through internal assessment tests, assignments and end semester examinations. The transparent evaluation process, where answer-sheets of the internal assessment test are shown in the classrooms, helps the students to improve their performance. To maximize student's potential, the University has arranged excellent support facilities including hostels, cafeteria, gymnasium, student amenities centre and Wi-Fi connectivity. Through various classes—remedial, spoken English, personality development and free coaching for competitive examinations—the University is committed to guard equal opportunities for students belonging to traditionally marginalised Scheduled Caste and Scheduled Tribes.

Special measures have been taken to provide an environment conducive for over all personality development of students. The Central Library has more than one lac books and subscribes to a number of national and international journals. Apart from the Central Library, most of the Departments have their own Departmental libraries. Excellent sports facilities are available in the campus and hostels. The University has planned to extend sports facilities by constructing a new stadium, a swimming pool. Throughout the year many activities are organised including Republic Day, Independence Day, Foundation Day, Education Day, Swami Vivekanand Jayanti, Teachers Day, Guru Ghasidas Jayanti to make the campus vibrant. Along with sports and cultural activities, students are also encouraged to participate in social outreach initiative of the University. Through these activities, students are enculturated in participatory ways of life. International and national level events are organised to expose students to new ideas



of eminent persons from all walks of life. The university teaching Departments organise fieldwork, industrial visits and educational tours to impart practical knowledge. To inculcate leadership qualities among students, the University has successfully constituted the student's council. The student's council represents all the students of the University and voice their concerns during the decision making process.

To face challenges posed by the process of development, the university community is all set to contribute to the larger society through quality research and development in the various areas including energy security, food security, biodiversity management, pollution management, forest management and developmental policy. The Academic Staff College regularly organises orientation and refresher courses for the capacity building of teachers and staff. During these courses, expertise of senior faculty members of the University and practitioners from diverse fields is utilised.

In the coming years, the University will positively act as a role model for the state universities and simultaneously provide an educational opportunity to the growing number of the students of the region. The University is on the path of realising twin goals envisioned by the National Knowledge Commission; "of making higher education more relevant to the needs and opportunities of a knowledge society" and "to make higher education more accessible to all sections of the society."



## 1.2 PELLETRON ACCELERATOR FACILITY

### (NATIONAL CENTRE FOR ACCELERATOR-BASED RESEARCH)

A major milestone towards advancement of research in the university campus will soon be reached when the Pelletron Accelerator Facility will be operational in the very near future. The accelerator having been installed now is geared up for beam trials and commissioning in few months.

The accelerator is a dc accelerator reaching 3 million volts at the peak and operates in tandem mode to boost the energy of ions. The whole facility is part of National Centre for Accelerator-based Research (NCAR) being set up in the university campus. The accelerator being second of its kind in the country has some unique features.

#### BRIEF INTRODUCTION

Any accelerator is a complex machine which increases the velocity of electrically charged particles. The pelletron will increase the velocity of particles almost to one sixth of velocity of light. At the heart of the accelerator is the pelletron tank

where latest technology will be used to generate an electrostatic potential difference of 3 million volts. The accelerator system is kept in high vacuum (10<sup>-7</sup> mm of Hg). The accelerator is capable of delivering energies upto 6 MeV protons and in fact spanning large part of periodic table. The only limitation would be that only ions of those elements can be accelerated which form stable negative ions.

The external negative ion source is located outside the pressure vessel. The negative ion beams are produced in either of the two ion sources (SNICS II/TORVIS). The injection system, consisting of Electrostatic analyser and bending magnet apart from sophisticated diagnostics system, selects particular ion species and directs it to the pelletron accelerator. The ion beam enters

one acceleration tube gaining acceleration energy as it travels to the terminal charged to maximum 3 MV. It then passes through a stripper in the terminal which removes electrons and changes the polarity of the ion beam to positive. The ion beam departs the terminal through a second acceleration tube which imparts a second acceleration energy on the ion beam. The beam after gaining the required energy is now transported to analysing line and the target station. Presently two beam lines have been installed in the beam hall.

In this interdisciplinary centre, presently two target stations have been installed, vacuum tested and ready to receive the beam. The high energy implanter beam line would be used to deliver high intensity positively charged ion beams (upto 10<sup>14</sup> particles per second



depending on the ion species and charge state) on a variety of targets. The second beam line would be dedicated for Ion Beam Analysis using Rutherford Backscattering (RBS), Forward Recoil Spectroscopy (FRS), Nuclear Reaction Analysis (NRA), Channeling and Particle Induced X-ray Emission (PIXE) ie to name a few. The accelerator will provide enough opportunities for training of postgraduate and M-Phil students in the area of experimental science, nuclear instrumentation, data analysis etc. The facility apart from being used by different Departments and disciplines in the university will attract researchers from all over the country.

The accelerator based interdisciplinary research centre at Guru Ghasidas University will provide state of the art research facilities on the campus for pursuing frontline researches in the areas of material science, nanotechnology, environment sciences, polymer chemistry, material chemistry, conservation of bio-diversity, life sciences, radio-biology, biotechnology, pharmaceuticals, molecular biology, etc.

## BUILDING

The building for the accelerator complex has been completed in reasonable time even with several constraints. The design of the building apart from being governed by accelerator and its utilisation related issues focuses on safety considerations. As approved by Atomic Energy Regulatory Board (AERB) the radiation safety consideration has dictated the concrete walls to be 1 metre thick. The inner dimensions of the accelerator hall are 33.2 x 14.2 m with a height of 7.6 m. The thickness of the RCC roof is 0.75 m. All the amenities and necessary infrastructure have been completed.



## TRANSPORTATION OF PELLETRON SYSTEM

The pelletron accelerator shipped by the manufacturer (NEC) arrived at Kolkata airport. Three large trucks carrying the material took 5 days to reach the university by road in September, 2013. Planning and special precautions had to be taken for safe transport and unloading.



### PELLETRON TANK

The pelletron is housed in a specially built steel pressure vessel. It has a diameter of 1.83 m and a length of (5.7 m). The volume of the tank is 14.9 cubic metre. The tank with accelerator and lead shield weighs 12.7 tonnes. Sulphur Hexafluoride is filled in the tank at a maximum of 100 psig for insulation at high voltage operation which adds to its weight by 620 kg.

The tank houses acceleration tube, terminal, stripping column, SF<sub>6</sub> gas recirculation system, GVM, corona probe. Due to its enormous weight and size the tank was shifted in the beam hall using cranes and positioned using tools successfully. It was a major achievement and a very long drawn process and required careful planning.



Transfer and storage of SF<sub>6</sub> becomes necessary since the pelletron tank has to be opened for service and the expensive SF<sub>6</sub> gas has to be stored temporarily. And hence a storage tank has been provided in the beam hall. The pelletron is equipped with a recirculation system which cools, dries and filters the gas for continued good high voltage performance.

### ION SOURCES

- (1) Source of Negative Ions by Cesium Sputtering ( SNICS II) is a second-generation negative ion source developed as an improvement over earlier versions and has been installed and vacuum tested now.

The basic principle of operation is the following. Cs vapor comes from the cesium oven into an enclosed area between the cooled cathode and the heated ionizing surface. Some of the cesium condenses on the front of the cathode and some of the cesium is ionized by the hot ionizer surface. The ionized cesium accelerates towards the cathode, sputtering particles from the cathode through the condensed cesium layer. Some materials will preferentially sputter negative ions. Other materials will preferentially sputter neutral or positive particles which pick up electrons as they pass through the condensed cesium layer, producing negative ions.



**SNICS ion source in position**



**TORVIS ion source at site**

- (2) The TOROIDAL Volume Ion Source (TORVIS) is a dc version of the pulsed volume ion source. In addition to the cusp fields that surround the entire plasma chamber, this source incorporates a conical magnetic filter field and produces suitable condition for attachment of slow electrons with H<sub>2</sub> molecules. The TORVIS is a stable and works well for producing high current for hydrogen and helium. The installed TORVIS for helium and hydrogen beams consists of the ion source, the extraction lens system and the rubidium charge exchange cell. This ion source can deliver 50 microamperes of proton and thus gives an opportunity to establish a unique neutron production facility in the country.





As stated earlier both the ion sources have been installed in the beam hall and the preliminary testing eg vacuum testing is over. Very soon performance testing will be initiated.

The results of performance testing of these ion sources carried out at the vendor's site has been encouraging and is presented below. The currents shown below can be made available on the target.



### INJECTION SYSTEM

The installed injection system (injector) for negative (external) ion sources include components for extracting the ion beam from the ion source (extractor) and focusing it through the beam line (einzellens), vacuum pumping systems and electrostatic steerers, beam profile monitors for observing the profile or shape and Faraday Cups for current measurements have been placed after ion sources and the injection magnet. Energy and species analysis is provided by using a bending magnet.

### HIGH ENERGY LINE

The 3 tonne switching magnet, which is already installed, is used to switch the beams to either of the two lines and have been provided with sophisticated diagnostics for obtaining good transmission and desired beam characteristics at the target.

### EXPERIMENTAL TARGET STATIONS

#### (1) ION BEAM ANALYSIS



This is a general purpose beam line suitable for backscattering experiments including all necessary components and supports to conveniently transport the ion beam emerging from the analysing-switching magnet to a target position about two (2) meters from the switching magnet. This beam line is equipped with a single slit box, a beam profile monitor and Faraday cup. The Faraday cup is controlled from the console.

#### CHANNELLING

For analysis requiring a low divergence ion beam, the beam line

extension described above is equipped with two (2) double slits. These slits, both set at 1.0 mm horizontal and vertical separation and located 1 meter apart, will limit the maximum half-angle of divergence of the ion beam to 0.5 milli-radians.

### RC43 RBS END STATION

#### CONTROL CONSOLE

The Rutherford Backscattering analytical system features the use of computer control of sample positioning and data acquisition. The control console has been placed in the control room.

#### TARGET CHAMBER

A scattering chamber constructed primarily from aluminum with a 17



inches (43 cm) inside diameter and 8 inches (20 cm) inside height is furnished. The base of the chamber has a thickness of 2 inches (5.1 cm) to provide stable support base for the target manipulator, solid state particle detector, beam collimator, and turbo-molecular pump. A target load lock is placed in the lid to permit quick, less than 5 minutes, changes of target holders while maintaining high vacuum.

A Silicon Surface Barrier Detector of 50 mm<sup>2</sup> area, a Detector Preamplifier, Amplifier and High Voltage Bias Power Supply are provided. An optional movable detector is available.

### DATA ANALYSIS

The RC43 program does qualitative analysis during data collection.

There is provision for quantitative analysis. A PIXE analysis system is included in the system. It includes a 30 mm<sup>2</sup> Si(Li) detector (160 eV energy resolution) with preamp, spectroscopy amplifier, power supply, NIM bin, cables, and an X-ray filter holder. A MCA board with KLM lines is provided in the RC43 control computer. The system is capable of simultaneous RBS and PIXE data acquisition with qualitative analysis for both.

### ION IMPLANTER BEAM LINE

The ion implanter beam line is equipped to scan ion beams uniformly over a relatively large area. Dimensions of the proposed beam line will permit beams with a MeV to charge ratio of 6 to be scanned over a 150 mm x 150 mm area. A sophisticated raster scanner has been provided electrostatic plates.

As the description above shows the target stations are equipped for conducting sophisticated experiments and are already vacuum tested.

### CONTROL SYSTEM

Pelletron Control Systems operate components and provide measurement and read back of the functions of the system. The control and measurement is accomplished

via a standard set of components which are used in different combinations and quantities according to the needs of the system.

The control system software is called AccelNET which handles all functions. Communication between system components is done via standard network communications such as ethernet and serial links and some proprietary buses.



The FIBRE OPTIC DATA TELEMETRY SYSTEM used in the accelerator offers complete isolation of signals from kilovolts to mega volts region.

This ACPC is the power center for the Pelletron. It contains a main breaker, several smaller circuit breakers for the individual components, motor starters, and in some cases a 120 VAC transformer etc. Almost all electrical subsystems for the accelerator are fed from the ACPC.



## SERVICES

1. The air handling unit have been installed. The optimum ventilation rate in the accelerator hall and the beam hall for the accelerator building are determined by the activation of air in these areas. The shielding as well as ventilation requirements are determined by the production of neutrons in the areas of significant beam loss. The ventilation systems have been designed for one air-change/hour for these areas. A dedicated central air-conditioning system is provided for beam hall to maintain temperature of 24 degree centigrade.

The pelletron accelerator, ion source target stations and their associated beam lines use pneumatic devices. The faraday cups and gate valves use compressed air system for their operation. The compressed air system has been installed and tested. It has been working satisfactorily since February 2014. The required pressure of 6 bar has been obtained



## ELECTRICAL

Elaborate arrangements for providing electrical power have been implemented. The scheme adopted has input power fed through 315 KVA transformer to 100 KVA UPS which distributes power to critical loads of accelerator. A diesel generator backup also has been provided so that the accelerator and the experiments are not interrupted during short outages. Hopefully this will provide convenience to experimentalists.

The system has been working and necessary debugging is being done for smooth operation.

## SAFETY

Even though the radiation levels cannot be a cause of concern in this facility because of adequate radiation shielding thickness for beam hall even then monitoring of radiation levels has been provided at several critical places. Several X-Ray and neutron monitors have been provided. Arrangements have been made for total radiation safety in the facility.

Thermoluminescence Detectors (TLD) badges have been obtained for working personnel. As per radiation safety regulations interlocking mechanisms to inhibit accelerator operation is being provided and is currently under progress.

## STATUS

During the period of this report site and construction approvals were obtained from Atomic Energy Regulatory Board. Mandatory local clearance from Bilaspur collectorate has been obtained. Approvals for SF6 tanks have been obtained from Department of Explosives, Nagpur.

Subsystem	Obtained Value in mms of mercury
Ion Source	$1.0 \times 10^{-7}$
Injection line	$1.3 \times 10^{-7}$
Pelletron tank	$4 \times 10^{-7}$
High Energy Beamline	$2 \times 10^{-6}$

The most crucial step before beam trials can start is obtaining requisite vacuum in the accelerator systems. The vacuum system has been installed and tested. Vacuum obtained in different subsystems:



## 1.3 ACADEMIC PROGRAMMES

DURING THE YEAR UNDER REVIEW, THE UNIVERSITY OFFERED FOLLOWING COURSES

School	Department	Courses	No. of seats	Duration (in years)
Arts	English & Foreign Languages	Integrated UG/PG	60	5
		M.A.	60	2
		Diploma in French Language	25	1
		Diploma in German Language	25	1
		Ph.D.	*	4
	Hindi	Integrated UG/PG	60	5
		M.A.	20	2
		Ph.D.	*	4
	Journalism & Mass Communication	Integrated UG/PG	60	5
		MMCJ	30	2
		Ph.D.	*	4
	Library & Information Science	Integrated UG/PG	60	5
		B. Lib. and Inf. Sc.	60	1
		M.Lib. & Inf. Sc.	50	1
		Ph.D.	*	4
	Physical Education & Sports	B.P.Ed.	50	1
		M.P.Ed.	40	2
		Ph.D.	*	
Engineering & Technology	Chemical Engineering B.Tech	60	4	
		M.Tech	18	2
		Ph.D.	*	
	Civil Engineering	B.Tech	40	4
		Ph.D.	*	
	Computer Science & Engineering	B.Tech	60	
		Ph.D.	*	
	Electronics & Communication Engineering	B.Tech	60	4
		Ph.D.	*	
	Industrial & Production Engineering	B.Tech	60	4
		Ph.D.	*	
	Information Technology	B.Tech	60	4
		B.Tech	60	4
	Mechanical Engineering	B.Tech	60	4
		M.Tech	18	2



School	Department	Courses	No. of seats	Duration (in years)
Life Sciences	Anthropology and Tribal Development	Integrated UG/PG	60	5
		M.A./M.Sc.	40	2
		Ph.D.	*	4
	Biotechnology	Integrated UG/PG	60	5
		M.Sc.	60	2
		Ph.D.	*	4
	Botany	Integrated UG/PG	60	5
		M.Sc.	40	2
		Ph.D.	*	4
	Zoology	Integrated UG/PG	60	5
		M.Sc.	40	2
		Ph.D.	07	4
	Forensic Science	Integrated UG/PG	30	5
		M.Sc.	20	2
Management & Commerce	Commerce	Integrated UG/PG	500	5
		M.Com.	75	2
		Ph.D.	*	4
	Management Studies	M.B.A.	60	2
		Ph.D.	*	4
Mathematical & Computational Sciences	Computer Science & Information Technology	Integrated UG/PG	60	5
		M.Sc. (C.S.)	60	2
		M.C.A.	60	3
		Ph.D.	*	4
	Pure & Applied Mathematics	Integrated UG/PG	60	5
		M.Sc.	120	2
		Ph.D.	*	4
Natural Resources	Forestry, Wild life & Environmental Sciences	B.Sc.	60	4
		M.Sc.	60	2
		Ph.D.	*	4
	Pharmaceutical Sciences	Diploma in Pharmacy	60	2
		B.Pharm.	60	4
		M.Pharm.	36	2
		Ph.D.	*	4
	Rural Technology and Social Development	Integrated UG/PG	60	5
		M.Sc.	60	2
		Ph.D.	*	4



School	Department	Courses	No. of seats	Duration (in years)	
Physical Sciences	Chemistry	Integrated UG/PG	60	5	
		M.Sc.	60	2	
		Ph.D.	*	4	
	Pure & Applied Physics	Integrated UG/PG (Physics)	60	5	
		Integrated UG/PG (Electronics)	60	5	
		M.Sc. (Physics)	60	2	
		M.Sc. (Electronics)	60	2	
		Ph.D.	*	4	
	Social Sciences	Economics	Integrated UG/PG	60	5
			M.A.	30	2
Ph.D.			*	4	
Education		B.Ed.	100		
		B.E.D (SEL)	25	1	
		B.E.D (SE H)	25	1	
		M.Ed.	35	1	
		Ph.D.	*	4	
		History	Integrated UG/PG	60	5
M.A.			25	2	
Ph.D			*	4	
Political Science & Public Administration		Integrated UG/PG	60	5	
		M.A. in Public Administration	25	2	
		M.A. in Political Sc.	25	2	
		Ph.D	*	4	
		Social Work	M.S.W.	30	2
Ph.D.			*	4	
Law		Law	Integrated BA –LLB	60	5
			Integrated B Com LLB	60	5





# ACADEMIC ORGANS OF THE UNIVERSITY

## 2. ACADEMIC ORGANS

### 2.1 SCHOOLS OF STUDIES

The University offers various courses through 32 Departments under 9 different Schools of Studies. The present set-up of School of Studies and Departments is as follows:

#### 2.1.1 ARTS

The five Departments under the School of Arts are: English, Hindi, Journalism & Mass Communication, Library and Information Science, and Physical Education. The Departments under the School cover a wide range of courses and research interests.

#### DEPARTMENT OF ENGLISH & FOREIGN LANGUAGES

The Department of English was established in the year 1991 with an objective to enhance students' insight into the world of literature. With this aim, literature of the world in English is included in the syllabus. Students are introduced to various areas of literature, viz., Diaspora writings, Women's writings, literary theories associated with English Literature, American Literature, Indian Literature in English and Caribbean Literature. For enhancing the exposure of students to the world of literature, special lectures of reputed Professors of English are organized. The Department has been renamed "Department of English and Foreign Languages" as per the resolution of the Academic Council to start courses in French and German have been added to the already running courses.

The Department is equipped with its own library having more than 1000 books. Apart from this, the students also avail the facility of the Central Library. The Central Library is well stocked with books and has internet facility as well through which hundreds of online journals, books and other materials can be accessed. Its reference section has a collection of journals, reference books and Ph.D. thesis. Membership card of the Central Library allows the students to avail the facility for in-depth study. The Department also has access to various online journals. A well-equipped language laboratory is being created to improve the communication skills of the students.

Apart from the U.G./P.G. courses, the Department is involved in teaching all the undergraduate classes and provides teaching of English Language and communication skill to various other streams (B.A., B.Sc., B.Com, IT). Diploma courses in French and German languages are also available as add-on courses. Comparative Literature brings forth a broader view in the field of research hence the Department has planned to propose a Post Graduate course in Comparative literature in the XII Plan proposal.

#### Major Activities Organized by The Department

- Visual Sessions: Learning literature through digital world is essential therefore, the shows of Shakespeare's plays, available in DVDs, have been scheduled for students in E-class room. This has given the students an opportunity to analyze and appreciate the plays of the great dramatist. There have been shows of cinematic versions of many other literary works in the classrooms of the Department, too.
- Remedial Spoken English Classes under Equal Opportunity Cell: Students from the faculties of Arts, Science, Physical Education, Social-Sciences, Commerce, Education, Pharmacy and Engineering are enrolled and they have benefitted from the classes. Prof. Chitranjan Kar, an eminent scholar, has taught these classes in every Department/institute of the University.
- The Department also carried out a campaign, Green India, Clean India to create awareness about environmental issues. Several competitions were organized to create awareness such as on the creative use of waste material.
- An educational tour organized by the Department was an excursion to Madku Dweep, a place of archeological and religious importance.
- The Department got the second prize for student model of a gothic castle, exhibited by the students at Foundation Day celebration, 2014.

#### Major Achievements of the Faculty Members

The teachers of the Department, in addition to the teaching assignments, have also served the University administration in





various ways.

- Professor I.D. Tiwari was given the charge of Registrar.
- Dr. Archana Kumari got her Ph.D. awarded from Ranchi University. Dr. Ashutosh Singh, ad hoc teacher, also got his Ph.D. awarded from Banaras Hindu University.

### Achievements of the Students

- Kaustubh Ranjan, a student of M.A. III Sem., presented a paper "Literature to Cinema: Adulteration, Appropriation and Adaptation" in an international conference at NIIT Durgapur (1-3 June 2013) for which he was awarded the Best Paper Presenter Award at the conference.
- Fazlul Haq, a former student, got JRF, clearing the UGC NET Examination of June 2013.
- More than 5 students cleared Chhattisgarh SLET during the report period.

### DEPARTMENT OF HINDI

Established in the year 1987, the Department of Hindi offers five years integrated UG/PG programme along with a PG course in Hindi and M.A. in Hindi Sahitya Evam Anuvad Vigyan. Apart from these courses, the Department is engaged in teaching one year Foundation Course to students of B.A., B.Sc., and B.Com. To promote Hindi Literature and Language the Department regularly organizes seminars, debates and poetry-recitation competitions. The departmental library has 1000 books and it subscribes to reputed journals. This year 400 new books have been procured. The Department continuously strives for inculcating the feelings of nationalism and emotional integration amongst the students and also tries to make the students understand the importance of Hindi.



GGV Sponsored- Rajbhasha Workshop-III-27-12-13

### Major Activities organized by the Department

- Nirala Jayanti Celebration:- on the 04 February, 2014 - the occasion of birth anniversary of epoch-making Hindi poet, Mahapran Suryakant Tripathi 'Nirala' and the auspicious occasion of Vasant Panchami a 'Vichar-Goshthi' was organized at the University level in which 40 students participated and expressed their views on the literary contributions of 'Nirala'.

### Major Achievements of the Students

- Kumud Ranjan Mishra of B.A. V Semester, secured first position in essay writing competition at University level.
- Mahesh Kumar qualified JRF, Pradeep Kumar and Pallavi Rinahite qualified UGC NET, December 2013 exam.
- Students of the Department participated in the Interaction Programme organized by ASC, GGV and secured A certificate.

### DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

Established in the year 1988, the Department offers a postgraduate programme in Mass Communication and Journalism and five years integrated UG/PG programmes in addition to



A Model on the Occasion of Annual Day





**Public Awareness Rally on the Occasion of Independence Day**



**'Nukkad Natak' by the students of the Department**

Ph.D. The curriculum is designed to enable students to develop skills related to media (Print, Electronic and New Media), Journalism & Mass Communication, Development Communication, Communication Research, Advertising, Public Relations and related courses/areas. The Department also undertakes the task of preparation of bulletins, newsletter, house journal, magazine and documentaries on various occasions. The Department also offers service to the Media Cell of the University to prepare reports, audio-visual recording of all events for University archives and for the wide circulation of the University related matters to media.

### Objectives

- To provide media education and professional training.
- To study and utilize the mass media and traditional media for integral development of Chhattisgarh.
- To act as a nodal centre for the production of audio-visual programmes and publication of community newspapers on the rich culture and heritage of Chhattisgarh for regional and national transmission.
- To act as the media resource and research centre through regional, national and international networking.

### Achievements of the Faculty Members

- Mr. Sudhir Kumar awarded Tata fellowship in 2013.
- Dr. Amita awarded Ph.D. degree in October 2013.

### Achievements of the Students

- Harjinder Kaur, a student of B.A.III Sem., secured second position in the Speech Competition held on the occasion of Teacher's Day Celebration and also secured second position in Debate Competition on the occasion of Gandhi Jayanti in 2013.
- Students of the Department visited All India Radio Station, Bilaspur and saw the functioning of the studio, recording and broadcasting of programmes etc.
- Student of B.A V Sem. Satyapal Singh Rajput was elected as member of Student Council 2013-14.

### DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

The Department of Library and Information Science, was established on 27 September, 1985 under the School of Studies in Arts. It is one of the oldest Departments of its kind in the region, providing knowledge to a broad audience. Started with a limited infrastructure during initial days, the Department has grown-up in many folds during years. Presently the Department is running Five Years Integrated UG/PG Course in Library Science, Bachelor of Library & Information Science, Master of Library & Information Science and Doctor of Philosophy in Library Science. The very motto of our education is not only to provide need-based education, but also to empower students with modern skills and competence. We developed an environment where students get motivated to learn. Up-to-date syllabus, functional library equipped with a broad collection for the relevant scientific literature, and fully equipped laboratory are our major strengths. We help students to improve their communication skill to participate in various symposia and congresses and share their views and experiences with fellow members. Through highly motivated faculty and their dedication, we aim to serve as a model for our profession.





**Students browsing through books**



**Students consulting web resources**

### **Objectives of the Department**

- Providing quality education to meet the students' needs, regardless of where the student may live.
- Exploring and integrating innovative technology to enrich teaching, foster scholarship and advance professional practice.
- Advancing the frontiers of knowledge and practice in Library and Information Science.
- Serving the field, the community, the region and the world.
- Generating skilled manpower for organizing, disseminating, managing and preserving information.

### **Students' Achievements**

- Students are well placed in various reputed organizations.
- A considerable number of students qualified National Eligibility Test (UGC) and Chhattisgarh State Eligibility State.

### **DEPARTMENT OF PHYSICAL EDUCATION**

The Department of Physical Education and Sports was established in the year 1985 to provide quality education and expertise in the field. One year B.P.Ed. (Two Semesters), Two years M.P.Ed. (Four Semesters), and Ph.D. are the courses being offered in the Department. The Department owns well-kept play grounds, two basketball courts equipped with floodlights, a multi-station Gymnasium, a sophisticated sports science laboratory and a well-equipped departmental library. The infrastructure is developed as per the norms of the National Council for Teachers Education (NCTE). A team of competent instructors and teachers impart training and assignments. The Department also arranges coaching camps for various games and sports to improve the skills of the players and to upgrade their performance at different levels of events. 14 teams were trained and a total of 158 students participated in East Zone/ Inter-Zonal/ All India Interschool level tournaments in different sports events across the country. Sports Committee and Sports Board have been constituted to advise and monitor the sports activities undertaken by the Department.



**A volleyball match in progress**

### **Participation of Students in Different Activities**

- All India Inter University (M) Boxing Championship, B.H.U. Varanasi.
- All India Inter University (M/W) Taekondo Competition, Sathyabama University, Chennai
- All India Inter University (M) Judo Competition, G.N.D.U. Amritsar.



**Models prepared by students**





**National Sports Day celebration**



**University Registrar, DSW, and Director, Physical Education greeting players**

- Central Zone Inter University (M/W) Badminton Tournament, KIIT, Bhubaneswar.
- Central Zone Inter University (MW) Basketball Tournament, KIIT, Bhubaneswar.
- Central Zone Inter University (M/W) Chess Tournament, A.P.S. Vishwavidyalaya, Rewa.
- Central Zone Inter University (M) Table-Tennis Tournament, Pt. R.S.U. Raipur.
- Central Zone Inter University (M) Tennis Tournament, KIIT, Bhubaneswar.
- Central Zone Inter University (M) Hockey Tournament, Sambalpur University, Sambalpur.
- Central Zone Inter University (M) Football Tournament, L.N.I.P.E. Gwalior.
- Central Zone Inter University (M) Volleyball Tournament, L.N.I.P.E. Gwalior.
- Central Zone Inter University (M/W) Handball Tournament, Kakatiya University, Warangal.
- Central Zone Inter University (M) Kabaddi Tournament, Kakatiya University, Warangal.
- Central Zone Inter University (M) Cricket Tournament, Kakatiya University, Warangal.

### **Achievements of Students**

- Four students qualified the UGC NET examination.

## **2.1.2 ENGINEERING & TECHNOLOGY**

### **Institute of Technology**

The Institute of Technology was established in the year 1997 for promoting the technical education in order to produce professionally qualified technical personnel capable of facing the competitive and entrepreneurial challenges. With the help of well qualified and experienced faculty members, modern teaching aids & amenities, rich library, well equipped laboratories, computer facilities and other necessary infrastructure, the institute is intends to provide career ready graduates.

The Institute of Technology is equipped with many central facilities viz. Central Library, Training and Placement Cell of the University, Electronic Classroom (E-classroom) and Internet facilities. The Institute is a life member of the Institution of Engineers (IE), Kolkata as well as of the Indian Society for Technical Education (ISTE), New Delhi.

Presently, the Institute offers the following B.Tech. degree programmes in seven demand-driven disciplines.

- B.Tech. in Chemical Engineering
- B.Tech. in Civil Engineering
- B.Tech. in Computer Science & Engineering
- B.Tech. in Electronics & Communication Engineering
- B.Tech. in Industrial & Production Engineering
- B.Tech. in Information Technology
- B.Tech. in Mechanical Engineering

Admissions to B.Tech. courses are made through Central Seat Allocation Board (CSAB) on the merit basis of Joint Entrance Examination (JEE) Main. The syllabi of all the academic programmes are regularly updated keeping up with the pace of the latest developments and changes in the international technological scenario.



The institute is running M.Tech. program in Chemical Engineering and Mechanical Engineering. Ph.D. programme is also being offered in five branches of engineering namely: Civil Engineering, Computer Science & Engineering, Electronics & Communication Engineering, Industrial & Production Engineering and Mechanical Engineering. A Testing and Consultancy Cell is functional in the Institute from the last session which is conducive for lively Institute –Industry interaction in particular and services to the society in general.

### DEPARTMENT OF CHEMICAL ENGINEERING

The Department of Chemical Engineering was established in the year 1997 with an undergraduate programme in Chemical Engineering. The basic objective of the Department is to impart education and training of chemical engineering to the students and to eventually make them competent and well qualified chemical engineers. The Department has started M. Tech. course from the session 2011. Several important state of the art experimental facilities have been added to the Department. The Department has a student society named “ChESS” which promotes various co-curricular activities of students in the Department. Several Chemical Engineering books have been added to the Departmental library. During this session, Department has also conducted various co-curricular activities like seminars, industrial visits, aptitude tests, quiz etc. for the overall development of the students.

**Thrust Area:** fluidization, catalysis, separation processes and process intensification.

Major Equipments available in the Department: GC, Bomb Calorimeter, Fluidized Bed Extraction, UV Spectrophotometer, BOD Incubator.

#### Achievements of the Faculty Members

- Paper presented by Mr. Neeraj Chandraker and Dr. Sandeep Singh, on title “Application of Fuzzy logic in Chemical Engineering”, in International conference on Engineering Challenges and Issue in Environmental Protection at RIT Raipur on 23-24 January 2014.
- Paper presented by Mr. Neeraj Chandraker and Mr. Sandeep Mishra and Mr. Prakash Kumar Bharti, on title “Remediation of dyes in textile effluent: a critical review on current treatment technologies”, in International conference on Engineering Challenges and Issue in Environmental Protection, at RIT Raipu on 23-24 January 2014.
- Paper presented by Mr. Saurabh Meshram, Mr. Vikash Patel, Mr. Arbinda Das and Rohit Sahu, on title “Hydro concept of Energy security and policy management”, in International conference on Engineering Challenges and Issue in Environmental Protection at RIT Raipur on 23-24 January 2014.
- Dr. R.S. Thakur delivered invited lecture on “modeling and simulation of pressure swing adsorption process” in a national level workshop organized at NIT Raipur on 26 June 2014.

#### Achievements of the Students

- Vikash Dhanuka, a student of VII Semester presented a Poster entitled “Pressure wwing adsorption : A promising Technology for CO<sub>2</sub>/H<sub>2</sub> mixture” in International conference CHEMCON 2013 organized at ICT, Mumbai on 27-30 December 2013.
- Anshaj Ronghe a student of V Semester presented a paper “Application of factorial function (a)<sub>n=1</sub> in determination of specific rate constant and half life period” IJET Journal, June 2014.
- Team of Pushpendra Kumar and Ishan Ajay, students of V Semester, secured first position in Chem E Car making competition in EQUILIBRIO-14 at GGV, Bilaspur.
- Team of Pushpendra Kumar and Abhishek Tripathi, students of V Semester, secured first position in Hydraulic crane making competition in EQUILIBRIO-14 at GGV, Bilaspur.
- Lavkush a student of V Semester, secured first position in Design of heat exchanger competition in EQUILIBRIO-14 at GGV, Bilaspur.
- Akash Bhardwaj of II Semester, secured first position in Balloon car making competition in EQUILIBRIO-14 at GGV, Bilaspur.
- Team of Lavkush, Anubhav Pathak students of VI Semester coordinated the Chem-E-Car making competition in EQUILIBRIO-14 at GGV, Bilaspur.
- Team of Shivam Kaushik and Shivam Sahai Bedar students of IV Semester coordinated the My vision 2030, competition in EQUILIBRIO-14 at GGV, Bilaspur.

Team of Pushpendra Kumar and Ishan Ajay Khare students of V Semester coordinated the Design of Heat Exchanger making competition in EQUILIBRIO-14 at GGV, Bilaspur.



## DEPARTMENT OF CIVIL ENGINEERING

The Department has been running an Undergraduate B.Tech. programme in Civil Engineering since 2008 with an annual intake of 40. The Department is also offering Ph.D. Programme. During 2013-14, the Department has upgraded its five laboratories viz: Materials Testing, Transportation Engineering, Geotechnical Engineering, Environmental Engineering and Computational Lab with sophisticated instruments and software.

A large number of text and reference books have been added. The students have visited sites of various ongoing construction projects in the university premises for field exposure. Expert professors from I.I.T. and other institutions of national repute have delivered special lectures in various subjects of Civil Engineering for the students.

The Department has extended consultancy services as technical support to the University in various ongoing construction projects of GGV. It is also offering the testing and consultancy services for the government, private and public sector organizations in the field of Civil Engineering.

### Major Achievements

- Faculty members of Department have published 3 research papers in international cited journals.
- Prof. Shailendra Kumar & Dr. M.C. Rao have been invited as reviewers for the international journals of Elsevier and Springer respectively.
- Prof. Shailendra Kumar has an ongoing major research project funded by UGC, New Delhi.
- Dr.M.C.Rao has an ongoing major research project funded by CSIR, New Delhi.
- 21 out of 30 students have qualified in GATE-2014.
- One student secured 311 out of 340 in GRE.
- Three students got selected in L&T Build India Scholarship Programme (BIS) at IITs (02 IIT Delhi & 01 IIT Chennai).
- Two students have been placed in Navyog Engineering Construction (MNC).
- One faculty member of the Department, Shri R.K. Choubey is continuing his Ph.D. research work in the Department.
- Through External consultancy services, the Department has been able to generate revenue of Rs. 4,53,091=00 during this session 2013-14.

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### Introduction

The Department of Computer Science & Engineering was established in 1997. The Department offers B.Tech. in Computer Science & Engineering and Ph.D. in Computer Science & Engineering. The faculty of the Department is highly qualified and experienced. The Department has specialized laboratories such as Digital Image Processing Lab, DLD Lab, Networking Lab, Network Security Lab, Project Lab, Basic Programming Lab, Advance Programming Lab, Database Lab, Graphics Lab



Computer Lab





**A student explaining about a model**



**Students in Computer Lab**



**Study and interaction**



**Learning through computers**

and Operating System Lab. The Department has Licensed copies of DB2 Universal Database, Visual age for JAVA and web server applications. The Department provides opportunities to the students to carry out projects under joint supervision of the faculty and the experts from industries.

The Department also arranges training to students in reputed government and public sectors like DRDO Delhi, Microsoft Hyderabad, CMC Kolkata, Orbit IT Hyderabad, SECL, BSNL, Indian Railways, Bokaro Steel Plant and Bhilai Steel Plant. Students have been placed in reputed private, public and government organisations like Infosys, Wipro, Persistent, International Business Machines (IBM), TCS, Mahindra BT, Syntel, Satyam, BSNL, NTPC and INFLIBNET.

### **Thrust Area**

The Department's current research thrusts include:

- **Algorithms and Complexity**  
The Department has considerable strength in computational geometry, digital geometry, quantum computing and core areas of computational complexity theory.
- **Parallel and Distributed Computing**  
Parallel and distributed computing is an area of emerging strength in the Department.



- **Security and Cryptography**

Security and cryptography are areas of emerging focus in the Department. The Department has facilitated the inception of a Centre of Excellence in Security Research in the institute

- **Software and Systems Engineering**

Software Engineering research has been a traditional area of strength of the Department. Systems related areas of strength include databases and networks.

### Objectives of the Department

- To prepare professionally competent manpower in the field of Computer Science & Engineering.
- To educate students in Computer Science & Technology and other areas of scholarship that will best serve the nation and the world in 21 century.
- To establish facilities for the education/training in the area of Computer Science & Engineering.
- To conduct multidisciplinary programs in Computer Science & Engineering.

### Achievements of the students

- **18 students qualified GATE**

S.No.	Name	ALL INDIA Rank
1	Vineet	1689
2	Rohit	1704
3	SaurabhShrivastava	2081
4	Vipin	2210
5	Arpit Jain	4369
6	Shubhansh	4400
7	AkshayJha	4667
8	Abhishek Sharma	4718
9	MukeshNitharwal	6500
10	DiveshArya	6580
11	Mahak Jain	6669
12	AnuPriya	6900
13	Vineeta Singh	7880
14	ViratSagar	9865
15	Hardik Gupta	10048
16	Niteesh	13468
17	Kirti Kishore	14502
18	Neeraj	14505

- One student Vipin Kumar got admission in IIM Ahmedabad.

### Placement

- AnkitYadav, Akshay Kumar Jha, Ashutosh Kumar Jha, Kirti Kishore Mishra, Mahak Jain got selected in Spectrum.
- SaurabhSrivastava and Vineeta Singh got selected in TCS.
- Akshay Gupta, Chacko and Subhansh got selected in Betasoft.





### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The Department of Electronics and Communication Engineering was established in the year 1998. With excellent exposure and innovative ideas in the teaching and learning process, the Department incessantly endeavours to produce self-employed and self-dependent technocrats. It has well equipped laboratories with experimental setup for Basic Electronics, Analog Circuits, Signal & System, Switching and Pulse Theory, Linear Integrated Circuits and Applications, Electronic Measurement and Instrumentation, Communication system, Microprocessor-8085, Microprocessor-8086, Digital Signal Processing, VHDL Design, Data Communication, Microwave, Circuit Simulation, Optical Communication and Computer laboratory. Latest software and equipments like Xilinx ISE (25 users) for VHDL Lab, Matlab, Spectrum Analyzer are also available in the Department. In order to develop inter-personal skills amongst the students the Department also organizes various co-curricular activities like seminars, Industrial visits, aptitude test and quizzes. The alumni of the Department are working in various multinational companies and in leading government and public sector organizations.

**Thrust Area:** VLSI, DSP, Antenna and Wireless Communication.

#### Achievement of the Faculty Members

- Nipun Mishra attended a short term course "Current Trends in Microwave Design and Applications" organized by Indian Institute of Technology, Kharagpur during 11-16 June, 2012.

#### Achievements of the Students

- Twenty-eight students qualified GATE-2013 exam with excellent percentile.
- Fourteen students of the Department have been placed in reputed companies like Wipro- BPO, Valtech Solutions.
- Ankit Dwivedi, a student of VIII Sem., won the LAN GAMING-NFS DOUBLES in EQUILIBRIO 2013- the Techfest.
- Anand Tiwari, a student of IV Sem., won the IN LINE FOLLOWER in EQUILIBRIO 2013- the Techfest.

### DEPARTMENT OF INDUSTRIAL AND PRODUCTION ENGINEERING

The vision of the Department is to provide quality technical education to produce professionally qualified Engineering graduates equipped with diverse learning experiences in integrated Industrial systems of production, Services and Managerial practices so as to be competitive nationally and internationally.

Department of Industrial & production Engineering was established in the year 1997. The Department has well qualified faculties and trained staff. The Department has well equipped laboratories for students. The industry training for the students of final year and third year students are arranged to provide opportunities for practical exposure in organizations like SECL, BHEL, BALCO, JINDAL, CSEB power plants and in other public and private companies.

The Department is also engaged in organizing other activities like seminars, guest lectures, aptitude tests and quiz to provide and develop interpersonal skills. The passed out students are working with a company like SAIL, BHEL, NTPC, ONGC IOC, HPCL, RELIANCE ENERGY Ltd., BALCO, JINDAL, CSEB, DRDO, ISRO, HAL, Indian Railways and other reputed companies.

**Thrust Area:** CAD/CAM, Robotics, Sustainable supply chain management, Green supply chain management. Taguchi's design methodology, Reverse logistics, Third Party Logistic Service Provider (3PL).

#### Achievement of the Faculty Members

- Prof. Mukesh Kumar Singh has an ongoing major research project funded by UGC, New Delhi.
- Prof. Mukesh Kumar Singh is a member of Editorial board in two international Journals [International Journal of Applied Artificial Intelligence in Engineering System (IJAAIES) & International Journal of Artificial Intelligence and Computational Research (IJAI CR)].
- Faculty member published more than 10 papers in various international Journals in the session.
- Prof. Mukesh Kumar Singh, Dr. Kottala Sriyogi & Prof. Nitin Sahu, have been invited as reviewers for the international journals of Elsevier, Taylor & Francis and Springer respectively. Like Robotics and Autonomous Systems, International Journal of System Science, Journal of Intelligent & Robotics System, Benchmarking: An International Journal, Production and Manufacturing Research etc.
- Mr. Nitin Sahu got outstanding commended paper award at EMERALD Literati Network "Award for Excellence 2013", International Journal of Grey Systems: Theory & Application, EMERALD Publication (London).



### Achievement of the Students

- Twelve students qualified GATE-2-13 exam with excellent 6 percentile out of which 03 students secured All India Rank (AIR) within 50.

### DEPARTMENT OF INFORMATION TECHNOLOGY

#### 1. Year of Establishment with Objectives of Department

- Year of Establishment – 2000
- Objectives of Department:

Founded in 2000, the Department of Information Technology continues to build the nation by producing high class Engineer through education and research. In the past one decade, the Department of Information Technology has influenced society at levels that remain parallel among academic institutions. Its spin-offs are among the most successful corporate ventures in the nation, and many of the leaders in the academic and corporate research world are graduates from here.



**Lab – IV Programming Lab**



**Lab I–Microprocessor Lab**



**Lab – II Advanced Programming Lab**

The Department focuses on overall development and strengthening the students through system thinking, problem solving, analysis, design, research, team work, communication skills, and readiness for lifelong learning. The courses run by the Department use mixed techniques of interactive lectures, guided case studies, literature surveys and project work that require team-work and critical and creative thinking. It emphasizes on undergraduate as well as graduate research activities. The quality policy is to pursue global standards of excellence in our endeavors and to remain accountable through processes of self evaluation and continuous improvement.

Through a team of experienced & qualified faculty members, the Department puts a great emphasis on laboratory and project work. Through laboratory work, we instill the skills to use and apply various concepts, tools and techniques; it also helps them to develop the core technical as well as general professional competencies through experiential and collaborative learning.

Faculty members are dedicated to impart excellence in information technology to cope with recent market drift.



**Lab – III Operating System Lab**



The Information Technology curriculum provides students with a sufficient background in Operating system, Database Management system, networking as well as advance subjects like System analysis & design, Artificial Intelligence, ERP and Computer Graphics to analyze and design complex Information Technology systems.

### Achievements of Students

- 4 students qualified in GATE-2014.
- Mr. Pramod Kumar Singh (V Semester has participated in zonal team of university in cricket.
- Mr. Mahesh Nathwani has attended 3 days work shop organized by Microsoft on Cloud Computing at NIT Raipur.
- Mr. Ahteshyam Ahamed Khan HPES INDIA BRAND AMBESSEDER for outstanding performance in summer training.

### DEPARTMENT OF MECHANICAL ENGINEERING

Department of Mechanical Engineering was established in the Institute of Technology in the year 2006 after getting approval from AICTE for intake of 60 students. The main objective of the Department is to produce the mechanical engineering graduates updated with the latest theoretical and experimental knowledge and to make them ready to take up any challenging jobs in government sectors, public sector organizations and industry. The Department puts lot of emphasis on such training of students which can bring out their inner capabilities and which leads to their full growth and development. Enough emphasis is put on their hands on training for which Department have well equipped labs of theory of machines, strength of materials, heat & mass transfer, refrigeration and air conditioning and central workshop. For last three years Department is running M Tech programme in Machine design, where we take only GATE qualified students.

### Achievements of Students

- 26 students, qualified in GATE-2014 examination.
- 02 students cleared NET examination.
- 03 student, qualified in CAT.
- Summer internship in reputed institutions like MANIT Allahabad, Inter university centre for Astronomy and Astrophysics, Pune.
- Merit Scholarship from organizations like REC Power Distribution Company Limited.

### Achievements of faculty members

- 05 research papers have been published in International journals.
- 02 research papers have been published in International and National conferences.
- Faculty member is reviewer of International journals such as Energy conversion and management, Material Science & Engineering B, Energy, Machining Science and Technology and Tribology in Industry.

### Thrust Areas

- Fabrication of metal matrix composites (MMCs).
- Study of micro and macro mechanics of polymer matrix composites (PMCs) and metal matrix composites (MMCs).
- Friction stir welding.
- Micromachining.

### 2.1.3 LAW

The Faculty of Law has one Department.

### DEPARTMENT OF LAW

It is one of the newest Departments in the University established in the year 2012. The Department aims towards the advancement of learning, teaching & diffusion of knowledge in the field of legal education. It also aims to catering to the needs of the society by developing professional skills of persons intending to make a career in advocacy, judicial services, law officer & legislative drafting as their profession. The objective of the Department is to evolve & impart comprehensive legal education at all levels to achieve excellence. Department offers two 5 years integrated programmes



A moot court session in progress



the B.A LLB & the B.Com LLB courses. The Department has highly qualified, well trained & committed faculty members. The Department is also having its own furnished and equipped library with latest books, reports and other reading materials.

### Achievements of the Students

- Students of B.A. LL.B and B.Com. LL.B won gold medal in Tug of War (women) in Inter Faculty Sports Competition, 2013-14.
- Girls of B.A. LL.B. and B.Com. LL.B. secured First Position in Dance Competition on the eve of Annual function 2013-14.
- Ashutosh Thakur of B.A. LL.B., Vth Semester was awarded with Rs. 10,000/- for securing highest marks in School of Law during academic year 2013-14.
- Ayesha Anjum Khan of B.Com. LL.B. Vth Semester and Abhyunnati Singh of B.A. LL.B. Vth Semester secured First Position "My Vision 2030" Techfest 2013-14.
- Nitu Singh B.Com. LL.B. Vth Semester secured First position in Shot-put in Inter Faculty Sports Competition, 2013-14.
- Ayesha Anjum Khan of B.Com. LL.B. Vth Semester secured Second position in "Lights Camera Action" Techfest 2013-14.
- Ayesha Anjum Khan of B.Com. LL.B. Vth Semester, Abhunnati Singh of B.A. LL.B. Vth Semester and Shantam Awasthi of B.A. LL.B. Vth Semester participated in Christ Univesity Moot Court Competition, held at Bangalore on September 2013.

### 2.1.4 LIFE SCIENCES

The School consists of following Departments:

- Department of Anthropology and Tribal Development
- Department of Biotechnology
- Department of Botany
- Department of Forensic Sciences
- Department of Zoology



Students consulting books in library



A hearing in moot court



HOD teaching pre-Ph.d coursework class

### DEPARTMENT OF ANTHROPOLOGY AND TRIBAL DEVELOPMENT

Established in the year 1989, the Department of Anthropology and Tribal Development is one of the oldest Departments of the University. The establishment of the Department bears a great significance in view of the fact that the State harbors a substantial number of tribal populations with diverse cultures, and Anthropology as the science of the people has a strong commitment for the welfare and all round development of the weaker sections of the society of the State as well as of the country. The Department since its inception has been imparting M.A./M.Sc. course in Anthropology with specialization in Social Anthropology and M.Phil (discontinued since 2009) course in Anthropology. It started offering admission to students both an Integrated Master's Programme (10 Semesters) (with exit option





**Mentor listening to the problems of the students**

for B.A./B.Sc. students at the end of 3 years (Six Semesters) + M.A./M.Sc. 2 years) with effect from 2009-10 as well as two-years Master's Programme in Anthropology for entry of students directly. The Integrated Master's Programme offers courses on several aspects of Anthropology such as Social Anthropology, Biological Anthropology, Human Genetics, Human Ecology, Research Methodology, Anthropological Theories, Human Evolution and Adaptation, Medical Anthropology etc. Practical courses on Anthropometry, Serology, Human Genetics, Dermatoglyphics & Research Methodology are being offered to students pursuing B.A./B.Sc. and M.A./M.Sc. course in Anthropology. The Department has maintained a departmental library consisting of more than 700 books. With the upgradation of laboratory infrastructure and recruitment of faculty members, the Department offers new specialization in Biological Anthropology and Human Genetics (Genome) and Tribal Development in addition to existing specialization i.e. Social Anthropology.

Names of Programmes/Courses offered (UG, PG, Ph.D., Integrated Masters etc.):

- Integrated UG & PG
- PG
- PhD

**Infrastructure:** The Department is equipped with following laboratory facilities such as anthropometric, Osteometric, Serological, Dermatoglyphic, Molecular Genetics equipment. The Department also possesses human osteological materials.

**Museum:** The Department has an ethnographic museum containing material cultures of tribes, collection of tool types belonging prehistoric cultures and various types of rock specimen.

**Thrust Area:** The Department has been undertaking field studies among tribal groups of Chhattisgarh and Central India on several aspects of tribal life, culture and development such as: Material Culture, Social Institution, Tribal development, Tribal Health and Nutrition, Genome Diversity studies etc.

### Achievements of the Students

- Shatruhan Singh Shyam of M.Sc. IV Sem., qualified UGC-NET exam (December 2013)

### DEPARTMENT OF BIOTECHNOLOGY

The Department of Biotechnology was established in the year 1996 as one of the Departments under Faculty of Science (now under Faculty of Life Sciences) to impart quality education in the field of Biotechnology and to create trained Biotechnologist. Department is conducting courses of UG & PG levels including 2-year M. Sc. and 5-year Integrated Undergraduate/Postgraduate program in Biotechnology in addition to Ph.D. through Course work. Sixteen batches of the postgraduate students have passed out from the Department since its inception. Students of the Department have been successful in prestigious GRE, CSIR-UGC (NET), GATE, ICMR, DBT-BET examinations. The Department has received grant from DBT under "DBT Builder Program" for upgradation of teaching and research facility. Department of Biotechnology has ranked among top 10 Biotechnology institutes in India by Biospectrum survey.

The Ph.D. program of the Department is run as per the UGC regulations. Eleven students have received their doctorate from the Department and eight students are registered in the program. Two students have joined coursework of Ph. D. as per the new UGC regulation. Alumni of this Department are presently working in different prestigious organizations of National and International repute including Institute of Immunology, University of Heidelberg, Germany, Serum Institute of India Ltd, Enterovirus Research Centre, ICMR, Roche Diagnostics etc.

The Department of Biotechnology has well developed facility for Plant and Animal Tissue culture, Microbiology and Biochemistry, Molecular Biology and Bioinformatics. The Instruments available include PCR Thermal Cycler, Gel Documentation system,



walk-in cold room, CO2 Incubator, Laboratory Fermenter, ELISA Reader and washer, Ultrasonicators, Fluorescent Research Microscope, Nanospectrophotometer. In addition to the above facilities, equipment at the Central Instrumentation facility under School of Life Sciences include HPLC, LC-MS/MS, RT-PCR, Chemidoc and Atomic Absorption Spectrophotometer. Recently, some important instruments such as inverted fluorescent microscope, vacuum dryers, spectrophotometer, -80 °C deep freezer, high speed cooling centrifuge and bio-safety cabinets have also been procured.

The thrust area of research includes bioremediation of hydrocarbon and petroleum contaminated soil, fungal biodiversity studies for bioactive compounds, biorefinery and bioprocess based on agro and forest wastes, microbial and plant enzymes and secondary metabolites, nanotechnology, neuroscience and nephroprotection, immunology, bioinformatics and molecular biology. The course structures of the undergraduate and postgraduate programs provide emphasis on research. The four areas of biotechnology such as Microbial Biotechnology, Advanced Plant and Agriculture Biotechnology, Environmental Biotechnology and Medical Biotechnology are offered as elective papers and students are motivated to take-up research problems in the relevant areas.

The entrepreneurship and management are also part of curriculum of M.Sc. Biotechnology coursework. This provides an exposure to the avenues in the field of entrepreneurship.

Central Library facility of the University houses most of the recent editions of the text books, reference books and the Science magazines and journals. INFLIBNET and Science Direct are also available through internet. In addition, the Departmental Library has around 2274 books in which 130 new books were added during the session to cater the needs of the students.

#### **Conferences/Seminar/Guest Lectures organized by the Department**

- INSPIRE internship summer camp has been organized from June 24-28, 2014 by Guru Ghasidas Vishwavidyalaya with the basic objective to communicate with the youths of Chhattisgarh state, to develop excitement in the field of science and to attract and motivate young talents to study basic science. Students from different disciplines participated in this INSPIRE programme. Exposure to such a program at an early age will serve as a resource to develop curiosity and interest in the field of science, thereby, strengthening and expanding the reach of science and technology and building research and development base in the state of Chhattisgarh.
- Prof. Premananda Das from The Science Foundation for Tribal and Rural Resource Development, Bhubaneswar, Odisha has delivered a talk on the topic “Herbal formulation for the treatment of Lymphatic Filariasis” on 14th August 2013.
- Dr. Dipankar Sengupta from Jaypee University of Information Technology, Solan, Himachal Pradesh delivered a talk on the topic “Clinical informatics and its scenario in India” on 10th March 2014.
- Prof. Premananda Das from The Science Foundation for Tribal and Rural Resource Development, Bhubaneswar, Odisha has delivered a talk on the topic “Production of Biodiesel from *Olax scandens* Roxb, a new and potentially rich source of oil” on 25th July 2014.

#### **Qualifying NET/GATE/JRF by students**

Rajan Jha (secured 55th position in CSIR-JRF Examination, December 2013)

#### **Any other achievement of students**

- Humaira Sheikh, Madhuri Gahi, Suparna Ghosh, Suman Keshri, Ajay Kumar Singh and Saroj Kumar Pankaj were selected for BCIL training.
- Shelly Pal has been selected for integrated M.Sc, Ph.D course in NBRC
- Kumari Shewta attended the workshop on “Theme Meeting on Advanced Characterization Techniques for Engineered Nanomaterials (ACTEN-2014) from 30th to 31st January, 2014 at Sathyabama University, Chennai.
- Neha Pandey and Kumari Shewta have been upgraded to DST INSPIRE SRF Fellowship because of their significant contribution in research.
- The research scholars of the Department have published many research articles in reputed International and Nation journals.

Participation of Department’s students in various Community/NSS/cultural/sports/ extracurricular activities inside/outside campus

- Science day was celebrated from 23 -28 February 2013 in which students have participated in various activities like quiz contest, poster presentation and debate competition.



- In University Annual Sports events the students of the Department of Biotechnology actively participated and secured positions.
- Participated in celebration of Vivekananda Day on 2nd Jan, 2014. Participated in Clean and Green Campus activity organized by NSS.

### Achievements of the Teachers

- The faculty members of the Department have reviewed research articles from various reputed journals such as Biresources, Internation J. of Biological Macromolecules, Molecular Pharmaceutics; PLoS ONE; BMC Bioinformatics; Industrial Crop and Products; Molecular Modeling; Current Chemical Biology; Molecular Diversity; SAR QSAR in Env. Research, etc.
- Paper presented by Dr. Harit Jha on topic entitled “A study on structural properties and stability of lignin based biopolymers at National Conference on Traditional knowledge& Biotechnology organized by SOS in Biotechnology Pt. Ravishankar Shukla University, Raipur on Nov 22- 24, 2013.
- Paper presented by Dr. Harit Jha on Topic entitled “Application of lignocellulosic waste for production of useful products at Rajeev Gandhi Biotechnology centre RTM Nagpur on 21 June 2014.

### DEPARTMENT OF BOTANY

Established in 2009, the Department of Botany is one of the youngest members of the faculty of Life Sciences. The Department offers basic Undergraduate and advanced Postgraduate courses in plant sciences. Along with an integrated 5 years Master (B.Sc.–3 years (with exit option) + M.Sc.–2 years) programme. The programme provides basic and fundamental knowledge of the plant diversity and evolutionary trends, cell biology, genetics, plant physiology, plant ecology and biostatistics during the first three years. While as in the final two years advance knowledge in instrumentation skills, plant tissue culture techniques, molecular biology and bio-resources of Chhattisgarh is imparted. There are four broad specialization streams in the courses offered, viz., Plant Molecular biology, Environmental biology, Ethno-botany and Natural Resource Utilization and Functional Plant Biology. The students are assessed and evaluated through regular class tests, seminars, assignments and end-semester examinations. Department is also running a Ph. D. Programme with research thrust areas of reproductive plant biology and palynology, air and water environmental biology, Stress physiology, Microbiology, Bio-nanotechnology, ethnobotany, Pharmacognosy, medical and natural product botany and plant tissue culture.

The special laboratory and instrumentation facility in the Department includes microscopy with Leica (DM200) Trinocular Research Microscope, Gel Electrophoresis units with accessories for DNA, RNA and protein analysis, PCR thermocycler, BOD incubator, Laminar Flow, Autoclave units, Deep Freeze (-20°C), Gas Sampling Kit, Respirable Dust Sampler, Extracting units, Gas Chromatogram, Analytical water purification system, Kzeldahl digestion unit (Bucchy), Rotary evaporator etc. The departmental library with more than 2000 books fulfils the requirement of the faculty members and students. A number of reference books and access to online journals is also available. Department is connected to internet through wired and wireless connections 24 x 7.

The back bone of the Department is its teachers, who are specialized in frontier areas like Reproductive Plant Biology and Palynology, Microbiology, Sstress Physiology, Biotechnology, Environmental Biology, Bionanotechnology, Medical and Natural Product Botany, Restoration Studies and Biodiversity Conservation. The faculty members of the Department have contributed vigorously to scientific world through scientific and research publications and have received many distinguished national and international awards such as New Phytologist Award, DST-BOYSCAST Fellowship, DBT Overseas Associateship, JSPS Postdoctoral Fellowships, JUAN DE LA CIERVA Postdoctoral fellowship and DBT-Cutting Edge Biotechnology Associateship. The faculty members are contributing to the academic world by editing journals. They have been on the editorial boards of many journals and are referees for both national and international journals.

### Major achievement of the faculty members

- One day work shop on “ Advances in Plant Sciences: RNAi techniques” on 8 February 2014.
- Training program of Atomic Absorption Spectroscopy on 6 February 2014.
- Training program on Gas Chromatography on 22 November 2014.
- Professor S. K. Chaturvedi has been conferred fellowship of “East Himalayan Society for Spermatophyte Taxonomy (FEHT)” w.e.f. March 19, 2014.
- Professor S.K.Chaturvedi has been conferred Fellowship of “The Society of Plant Reproductive Biologists (FSPRB)”.



### Major achievement of the students

- Ms Naureen Saba Khan, Research Scholar, received Maulana Azad National Fellowship 2013-14.
- Ms Neelima Meravi, Research Scholar, received Rajeev Gandhi National Fellowship 2013-14.

### DEPARTMENT OF FORENSIC SCIENCE

Established in the year 2012, the Department of Forensic Science is a newly established Department. In the changing crime scenario and with the society's growing expectations, the law enforcement and forensic community has to be looked at seriously. To impart the skill and knowledge required for achieving the optimum standard and competence for laboratory practice in the field of forensic science establishments, welltrained, educated manpower, is an essential requirement. Therefore, the University has established a Department of Forensic Science to provide skilled and efficient human resources in the field. The following are the major objectives of the Department.

- To provide quality and skillbased education.
- To undertake research & development in the different disciplines of Forensic Science.
- To provide the practical training of crime scene investigation.
- To produce expert professionals in the field of Forensic Science.

Five year Integrated UG/PG programme and M.Sc. programme have been introduced from the academic session 2012-13. This Department has been provided with well equipped laboratories with the basic and sophisticated instruments, glassware and chemical reagents required to perform experimental forensic analysis. Instrumental facilities for trace evidence analysis and for crime scene management are also available.

### DEPARTMENT OF ZOOLOGY

The Department of Zoology was established under the auspices of the School of Life Sciences in the year 2009. The vision of the Department is to provide quality science education to ignite the mind of the young students who are keen to pursue their studies in diversified fields of Animal Sciences. The Department is expanding its arm from teaching in undergraduate and post- graduate level to the basic and clinical research. The Department is also offering Ph.D. programme in the areas like Reproductive Endocrinology, Toxicology and Neuroscience. The Department recently started the animal cell culture techniques at UG, PG and Research levels for which three CO2 incubators have been procured. The Department also received Zeiss Inverted Microscopes for microscopic study, Flow cytometer for cell counting, cell sorting, apoptotic detection and receptor detection, 2D Electrophoresis System for molecular protein work, Cryostat for sectioning of smooth tissue and ELISA



Footprint casting



Tracing fingerprint impression



Honorable VC, Invited\_Speaker, Dean, and HOD during a Two-days National Workshop







**Participants and invited speaker during discussion session at a workshop**



**Dignitaries during National Workshop**

Reader for protein and immune assay. In view of increase in the strength of the students, approximately 271 new books have been added in the departmental library. The Department offers Integrated UG/PG programme with an exit option after completion of three years with B.Sc. (Hon.) degree, and post graduate degree at the successful completion of ten semesters.

### **Achievements of the Faculty Members**

- Dr. Seema Rai (Organizing Secretary) organized a two days National Workshop on “Alternatives to use of Animals Sacrifice in Life Science Education for Teachers” on 24-25 Aug, 2013.
- Dr. Seema Rai organized a National Workshop on “Molecular Updates in Biological Science” on 25 Jan, 2014.
- Dr. Seema Rai delivered an invited talk on the topic “Mammalian Immune System with reference to Ageing” in Academic Staff College, Guru Ghasidas Vishwavidyalaya, Bilaspur on 02 Sept, 2013.
- Dr. Seema Rai delivered an invited talk on the topic “Interdisciplinary Research Project-How to write Research Project” in Academic Staff College, Guru Ghasidas Vishwavidyalaya, Bilaspur on 14 Sept, 2013.
- Dr. Seema Rai delivered an invited talk on the topic “Immunity Vs. Ageing” in Academic Staff College, Guru Ghasidas Vishwavidyalaya, Bilaspur on 10 July, 2013.
- Achievements of the Students: Hindole Ghosh, a student of M.Sc. IV Sem., qualified the CSIR-UGC NET for LS.
- Rohit Raj, a student of M.Sc. II Sem., was selected for Summer Research Fellowship Programme, 2014 organized by Indian Academy of Sciences, Bangalore.
- Rohit Raj, a student of M.Sc. II Sem., also participated in a two days National Conference, “Frontiers in Modern Biology, 2013” organized by Indian Institute of Science Education and Research (IISER), Kolkata.
- Priya Singh, a student of B.Sc. VI Sem., participated in the Inter University Tae-Kwondo Tournament (All India Basis) at Sathyabama University, Chennai.
- Gennia Pangas, a student of M.Sc, 2013 received the University Gold Medal.
- Annepu Karishma, a student of B.Sc, 2013 received the University Gold Medal.

### **2.1.5 MANAGEMENT AND COMMERCE**

#### **DEPARTMENT OF COMMERCE**

Established in 1986 with the aim to develop itself as a centre of excellence in teaching and research in the field of commerce and allied subjects, the Department of Commerce is one of the oldest teaching Departments in the University. The Department provides opportunities to the students and faculty members for their overall development by organising seminars and group discussions. The student intake was increased in the 5 years Integrated U/G P/G programme from 300 to 500 and in M. Com. from 20 to 75 during the session 2012-2013. In the session 2013-14, 941 students were enrolled at UG + PG level.

#### **Achievements of the Students**

- Ku. Deepika Darshan and Ku. Kalpana Kanwar of M. Com. III Semester qualified the UGC-NET examination of December 2013 attempt.



- Students of B. Com. (Hons.) III Semester, namely, Abhineet Bhowmick, Aditi Singh, Shreya Agrawal, B. S. Jyoti, Amit Lakra, Neha Vaishnav, Lopamudra Sharma, Monika Jatti, Priti Kumari, Anurag Dubey, Animesh Wadhwa and Sourabh Dubey presented their models on the University Establishment Day.
- Basket Ball (Men) Team participated and secured First Position in Competition organised by the University at Inter-Sport Competition by defeating 4 times winner IT Department.
- Basket Ball (Women) Team participated and retained its First Position in the competition organised by the University at Inter-Faculty Sport Competition.
- There was an active participation by the Girls Students of the Department on the eve of Vishwavidyalaya Sthapana Diwas who presented models related to consumer awareness and business activities.
- There was an active participation by the male students of the Department by presenting a model and by participating in quiz competition on the eve of Techfest organised by the Institute of Technology.
- Mr. Umesh Rajak, Ms. Laxmi Sahu, Ms. Harsha Tembhornikar, Mr. Shubham Kerketta represented Guru Ghasidas Vishwavidyalaya in University level Basketball tournaments.

### DEPARTMENT OF MANAGEMENT STUDIES

Responding to the changing and increasing needs for professional education and training in Management, the Department of Management Studies was established in 1988. The Department prepares students to become effective managers in the new economic era, and the emphasis is always on quality education and promoting a culture of enquiry and enterprise.

#### The Vision

The Department strives to carve out a niche for itself to be amongst the leading management schools in India. Students have been successfully educated and trained by the Department and have been placed in reputed business houses in India and abroad in the fields of banking and finance, marketing, general management, and academics. Many are successfully managing their own business establishments.

#### The MBA Programme

The Master of Business Administration (MBA) is a two-year Full-Time programme. The Department offers Master of Business Administration programme and Doctoral programme in Management.

#### Objectives of the programme are:

- To train and develop students for careers in management.
- To develop analytical, communicative and creative decision making skills to match the - requirements of modern competitive world.
- To inculcate in the students, values and attitudes necessary to become socially responsible managers.
- To improve the managerial competence of practicing managers/executives.
- To explore new horizons in various functional areas of management through research.

#### Major Activities Organised by the Department

- **Institute – Industry Interaction:**  
As a part of the industry interaction, MBA students visited Bhilai Steel Plant, C.G. along with two faculty members on 7 of April 2014. During the visit, they learned the detail processing and manufacturing process followed there. Students also visited various manufacturing facilities situated of Bilaspur. Students of MBA final year also participated in Vyapaar Mela and attended buyer – Seller Meet.
- **Campus Placement**  
The Department takes all steps for suitable placement of students through regular interaction with the Industry, Government and Non-Government Organization. PRADAN; New Delhi; Prompt Times, SBI, Kotak Mahindra Bank offered placements to students of the Departments.

#### Major Achievements of the Faculty Members

*National/International Seminars/Conferences and Other development activities*

- Prof. L.P. Pateriya served as a resource person in a two days National Seminar organized by Chhattisgarh chamber of



commerce and industries, March 2013, Raipur, Fifth Annual Conference of Chhattisgarh Economic Association.

- Prof. S.V.S. Chauhan served as a resource person in a workshop for staff training organized by ASC, GGV.
- Prof. Harish Kumar served as a coordinator for NAAC peer team visit during March 2014 at GGV.

### **Achievements of the Students**

- Ms. Pratibha Rai and Ms. Chandrawati Nirala students of semester passed UGC-NET Exam. of June/December-2013.
- Students of MBA participated in University sports and won many medals.
- Department secured second position in Model Exhibition during Annual week of the University.

### **2.1.6 MATHEMATICAL AND COMPUTATIONAL SCIENCES**

The School consists of two Departments: Department of Computer Science and Information Technology and Department of Pure & Applied Mathematics. The faculty members are doing good research works and imparting excellent education to students in the faculty.

### **DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY**

The Department of Computer Science & Information technology (CSIT) was established in the year 1990, with one year Post Graduate Diploma in computer Applications (PGDCA). This course received huge popularity and success. In 1996, two other demanding courses namely M.Sc. (Computer Science) and M.Sc. (Information technology), were started. Master of Computer Application (MCA) course approved by the All India Council of Technical Education (AICTE), New Delhi was introduced in the year 1998. The Department has a large number of branded PCs and peripherals with latest configuration. Each student can have enough time for hands on practice on these machines. The Department of CSIT maintains its own Department library consisting of 5000 books out of which approximately 1000 new books were added during the last session. The Department avails Internet facility in the Computer Center located in the same building, which is used as a laboratory for the courses of CSIT. The Department has well qualified faculty members having continues interaction and collaboration with several National & International Universities & Institutions. The faculty members of the Department are actively involved in Research and Development activities. The faculty members publish their research articles in National and International Journals and proceedings. The faculty members have been honored to deliver invited talks in India and abroad. Expert lectures from distinguished academicians are conducted in the Department from time to time. Students are motivated to develop real time project and are assigned a software development live project in reputed organizations, seminar and group discussions are the regular activities of the Department. The Department has organized a number of National Seminar on emerging issues in Computer Science such as Data Mining, Soft Computing and E-Governance. The seminar attracted a good gathering of researchers and academics not only from Chhattisgarh but all over of country. The Department encourages student- teacher in-traction. The Department is heading towards establishing International research Collaborations. The Department maintains a close interaction with software and R & D Organizations. The passing out students have an excellent placement record and are able to secure jobs round the globe in reputed companies. The Department of CSIT with Computer Center conducted website design and development training workshop for the students on campus. More than 700 students participated in this workshop in three batches. The Department organized computer awareness program for the students mainly from non technical background. In this training program, students from Department of Social Works, Physical Education and research scholars participated.

### **Major Activities Organized by the Department**

- For improving the overall personality of the students. Quiz,debate and other students related activities were organized in the Department during the session.

### **Achievement of the Faculty Members**

- Delivered expert talk in academic staff college, GGV, Bilaspur time to time.

### **Achievements of the Students**

- Ms. Kiran Sahu of MCA has participated in the national level debate competition held in Verdha during January 2014 and secured 3 position.
- Three students Akshya Hinduja (MCA),Praveen Yadav (MCA) and Vimal Dubey (Ph.D.) have cleared NET examination.

### **DEPARTMENT OF PURE AND APPLIED MATHEMATICS**

The Department was established in the year 1989. The Department offers integrated UG/PG programme in Mathematics



(with an exit option), Postgraduate programme (M.A. /M.Sc. Mathematics), and PhD Programme through VRET. The pass outs of the Department are well placed in India and abroad.

The faculty members are involved in teaching and research in the following areas: Approximation theory, Mathematics of Fuzzy sets, Non-linear functional analysis (Fixed Point Theory), Differential Geometry of Manifolds, Finsler Geometry and Mathematical Modelling.

### Major Achievements of the Faculty Members

- Professor S. P. Singh (Co-investigator) received a major research project in collaboration with Professor S. S. Singh (Principal investigator), Department of Forestry GGV, Bilaspur worth Rs- 50.03 Lakhs funded by Ministry of Environment & Forests (RE Division).
- Dr P. P. Murthy received a major research project worth Rs- 10.50 Lakhs funded by UGC, New Delhi.
- Dr M. K. Gupta received Start-up Grant worth Rs- 6.00 Lakhs funded by UGC, New Delhi.
- Dr B. B. Chaturvedi received Start-up Grant worth Rs- 6.00 Lakhs funded by UGC, New Delhi.
- Dr K. N. V. V. Prasad received Start-up Grant worth Rs- 6.00 Lakhs funded by UGC, New Delhi.

### Major Achievement of the Student

- Mr Parth Sarthi Patra, a student of M.Sc. 2012, secured 37th rank in GATE -2013.

### 2.1.7 NATURAL RESOURCES

The School of Studies in Natural Resources has three Departments, viz., Department of Forestry, Wildlife & Environmental Sciences, SLT Institute of Pharmaceutical Sciences and Department of Rural Technology & Social Development.

## DEPARTMENT OF FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCES

### Introduction of the Department

Name of Faculty : School of Natural Resources  
Name of the Department : Forestry, Wildlife & Environmental Sciences

### Backdrop

The Department of Forestry, Wildlife & Environmental Sciences was established in the year 1989. Since its inception it is dedicated for promoting excellence in education to develop the students with innovative knowledge and skill and to cater to the need for trained forestry man power in India. The Department is actively engaged in the development and management of the campus and hence massive scale plantation has been done using fast growing avenue trees and ornamental species to beautify the campus with luxurious vegetation belts. In this context, plantation of important tree species has been successfully done besides managing natural vegetations of Palas and Babul in the University campus. The Department is pioneer in Central India where the forest cover is very rich in genetic diversity, medicinal valued plants and harbor different wildlife's.



Plantation of mango sapling in the campus



A Forest Officer instructing students in forest management practices





**Bilaspur Commissioner Son Mani Bora planting Badam sapling in the campus**



**A Forest Officer instructing students regarding Forest Management practices**



**A Project Fellow working on CHNOS**



**BSc Forestry students Learning about the calculation the quantity of wood in field**



**A Ph.D. Scholar analyzing soil samples in TOC**



**Visit of M.Sc. Forestry student to Sal forest**





**Students of B.Sc Forestry visiting a forest depot**



**Visit of M.Sc. Forestry student to Sal forest**

The nature has bestowed this region with rich natural resources and forest, and to develop and conserve these resources, the Department is running number of research projects sanctioned by various Government agencies such as MOEF, UGC, CGCOST, ICFRE evolving research in all areas, viz., forest, atmosphere, water and soil. Presently, the Department has internationally experienced faculty and staff with all state of art lab facilities and latest modern sophisticated instruments. Moreover, the Department has a good liaison with ICFRE, ICAR, State Forest Department, forest based industries and NGOs for the attachment of forestry students to provide field/practical knowledge and exposure in forestry at national institute and also to facilitate the new vistas for training and placement of students. The Department regularly organizes lectures of eminent scientists, seminars and conferences in the field of forestry. Curricula based field visit and excursions tours are also conducted to premier institutes of forestry, plantation areas, seed production areas, natural forest, forest nurseries and forest based industries to facilitate learning by doing. The alumni of this Department have placed on various positions like Indian Forest Services, State Forest Services and as Professors and Scientists in renowned institutions. The Department is marching a head with objectives to provide a bigger catchment and platform for natural/life sciences and agriculture sciences students, to choose a professional degree in forestry.

### **Academic Programmes**

The Department is running three academic programmes: [1] B.Sc. Forestry (8 semesters/ 4years) [2] M.Sc. Forestry, Wildlife & Environmental Sciences (4 semesters/ 2years) [3] Ph.D. Forestry, Wildlife & Environmental Sciences.

### **Infrastructure**

The Department has well developed teaching, research and extension facilities. The UG, PG and Research Laboratory have Phase Contrast and stereo zoom microscope with image analyser; CHNOS analyzer, TOC, Spectrophotometer, Automatic soil moisture meter; Canopy analyser; Porometer, Automatic weather monitoring station; Windias; Photosynthesis analyser; Microtone, Total stations and mini wood workshop machine. One glass house; Forestry nursery; Computer lab with RS & GIS facilities; plantation area of more than 15 acres; Departmental library; Forestry hostel; Mini gym & sports goods and Camping equipments are also available in the Department.

### **Research Areas**

The Department is engaged in conducting research in following thrust areas: Forest tree improvement and mutagenesis; Forest Genetic Resources: Identification, propagation and cryopreservation; Watershed Management through RS & GIS; Assessment of air pollutants and its impact on forests of Chhattisgarh; Bioremediation and restoration of degraded lands; Nutrient dynamics in tropical forest ecosystem; Mycorrhizal and Actinomycorrhizal symbiosis; Screening, characterization and bioprospecting of natural dyes; Wood improvement through novel technologies, and Wildlife ecology.



### Major activities organized by the Department/ major achievements of the Department

- The World Environment Day and World Forestry Day were celebrated on 5th June, 2013 and 21st March 2014 respectively at the University. Different activities were organized involving students and faculty of the University such as quiz competition, poster competition, slogan competition, Film show on wild life and street play by the students. Finally, a rally was organized involving students and faculty members to generate awareness about forestry and environment.
- Students of M. Sc Forestry IV Semester visited Indian Institute of Resin and Gum, Ranchi during 15 February to 1 March 2014
- Students of M.Sc. Forestry IV Semester were attached for 45 days training to Forest Department, Bilaspur from 26 April, 2013.
- Students of M.Sc. Final semester were attached to Office of the Joint Director Sericulture, Bilaspur for industrial training during 27 January to 5 February, 2014.
- Ph.D and M.Sc. student were engaged in Tiger Census work at ATR, Achanakmar during 20 February to 25 February, 2014.
- B.Sc. 8th Semester students visited Tropical Forest Research Institute, Jabalpur during 23 September to 05 October, 2013.
- Students of B.Sc. 8th Semester surveyed Birkona village for the Socio-economic survey during 17 July to 20 September, 2013.
- Students of B.Sc. 8th Semester Studied the marketing pattern of Ply wood and Saw mill of Bilaspur during 20 November to 15 December, 2014
- Students of B.Sc. 8th semester attended training on Sericulture technology at State Sericulture Research and Extension, Bilaspur during 12 February to 21 February, 2014.
- The Department has done plantation of forestry, horticulture and avenue tree species at different sites in the University campus. Some of the species planted were Amaltas (*Cassia fistula*), Mango (*Mangifera indica*), Kathal (*Artocarpus spp*), Jamun (*Sygium cumini*), Ficus (*Ficus benjamina*, *F. panda*), Thuja (*Thuja species*) *Peltaphorum* (*Peltaphorum ferruginum*) etc.

### Major achievements of the faculty members

- Dr. S.S. Singh is holding a position of Board Member in International Journal of Environment and Bioenergy, USA and is also engaged as a Member IUFRO (Austria) and Commonwealth Forestry Association (CFA), UK.
- Dr Rashmi Agrawal prepared a video film on “Guru Ghasidas university : marching towards excellence”.

### Major achievements of the students

- Ms. Mary Ekka Ph.D Scholar is awarded with National Rajiv Gandhi Fellowship for ST candidate in the year 2013-14.
- Mr. Sabir Ahmad Bhat is awarded Ph.D degree on the topic Extraction pattern of non timber forest products and its effect on regeneration of important tree species in Achanakmar Amarkantaka biosphere reserve under the supervision of Dr. S.C. Tiwari. (NO. 1563/ 2.12.2013).
- Mr. Rakesh Kumar Gupta is awarded with Ph.D. degree in Botany on the topic Studies on germination behavior and vegetative propagation of *Terminalia arjuna* and *Terminalia tomentosa* under the supervision of Dr. S.S. Dhuria. 300/4.5.2013.
- Mr. Sekh Iqbal, Ph.D scholar qualified NET examination 2013 from ASRB, New Delhi in Forestry.
- Ms. Yamini Verma, BSc Forestry IV Semester and Ms. Vishal Reddy B.Sc. II Semester students won First prize in University Tech Fest. 2013-14 in Best out of waste competition.
- Ms. Yamini Verma and Rakhi Chandrawanshi, B.Sc. IV semester won First prize in University level competition organized by English Department during October, 2013 in Best out of waste and Rangoli making competition respectively.
- Ms Ayushi Dhiwar, B.Sc. II Semester student won First prize in 100 meters and Third prize in 800 meters running competition in the sports event organized during GGV University foundation day celebrations from 6 to 17 January, 2014.
- Ms Nidhi Singh, Ms Gunjan Chandrakar, Sudharani Bhagat, Ruprani Baghel and Ayushi Dhiwar won I runner up prize in Volleyball competition at GGV.
- Mr. Puspendra, Parinda Gupta, Kisan Lal Padam and his team won I runner up prize in Volleyball boys category at the GGV.
- In Tug a War competition Ms. Gunja Nirmalkar, Nidhi Singh, Rakhi Chandrawanshi won 2 runner up prize in sports competition at GGV.
- Exhibition prepared by Yamini Verma, Aman Kumar, Vishal Reddy, Nidhi Singh (B.Sc. and M.Sc. Students) won I prize in Natural Resources of GGV, 2014.



- Mr. Garav Kumar Padwar and Mr. Sanju Kashyap, B.Sc. final year students were selected as Management Trainees Plantation through campus interview conducted by Orient Paper Mill, Amlai.

### INSTITUTE OF PHARMACEUTICAL SCIENCES

The S.L.T. Institute of Pharmaceutical Sciences was established in 1997 with an objective to develop professionally competent manpower in the field of Pharmaceutical sciences. D. Pharm., B. Pharm., M. Pharm. and Ph.D. courses are run by the Institute.

Institute is duly approved by All India Council of Technical Education, New Delhi and Pharmacy Council of India, New Delhi. The Institute has been imparting quality education with the help of well qualified faculty members and state of the art laboratories having sophisticated instruments. The Department is equipped with a rich library that includes textbooks, reference books and journals. Guru Ghasidas



HPLC System



Flash chromatograph



Plant survey at Achanakmar



CHN analyzer





**H. orixense****A Sterculia villosa plant****Photo-9 Guest Lecture**

Vishwavidyalaya was involved in a week-long activities during Vishwavidyalaya Foundation week celebration from 12-18 January 2014. Institute has organized Blood donation camp and Model exhibition inside the premise of the institute. The details of the Institutional progress report are as follows:-

### Faculty Achievements

Research Projects: In the year 2013-14, new research projects worth over 1.22 crore were sanctioned by various governmental agencies. The list of the projects has been given in Table-1.

**TABLE 1: List of Research projects granted by various Govt. funding agencies**

S.N.	Name of the faculty	Project Title	Funding Agency	Funding amount
1.	Dr. J. S. Dangi	MODROB for Pharmaceutics Laboratory	AICTE	12.00 Lacs
2.	Dr. Vinod D. Rangari	Phytochemical investigation and fracture healing activity studies of some medicinal plants of Chhattisgarh state for the treatment of bone fracture.	UGC-MRP	12.858 Lacs
3.	Dr. Dilip Kumar Pal	Isolation of secondary metabolites and evaluation of antisteroidogenic activities of some Indian medicinal plants.	UGC-MRP	13.238 Lacs
4.	Dr. K. P. Namdeo	Development of some phytopharmaceuticals for treatment of Chrohns disease.	AICTE-RPS	13.00 Lacs
5.	Dr. S. K. Lanjhiyana	Development & characterizations of natural biodegradable polysaccharides based multiparticulate formulations.	AICTE-RPS	20.00 Lacs
6.	Dr. Harish Rajak	Design and Synthesis of novel histone deacetylase inhibitors for their anticancer activity.	DST	27.00 Lacs
7.	Dr. Shivani Rai Paliwal	Development of targeted nanovector systems for intracellular delivery of cytotoxic agent.	DST (SERB)	24.00 Lacs



### International Fellowship

- Dr. Vivekananda Mandal, Assistant Professor, has been awarded International Fellowship under the “Atomic Energy Researchers and Research Students Acceptance Program 2014” by the Wakasa Wan Energy Research Center, Govt. of Japan. Under this fellowship he will carry out a short term advanced level research programme on application of atomic energy/nuclear energy for cancer drug discovery from medicinal plants at National University of Fukui, Japan for 05 months (October 2014- March 2015).

### Young Scientist Award

- Dr. Harish Rajak, Assistant Professor, has been selected for ‘Career Award for Young Teacher’, by All India Council of Technical Education, New Delhi. He has received research grant of Rs. 7.2 Lacs for duration of 3 years.
- Dr. Shivani Rai Paliwal has delivered an invited talk in Annual Conference of International Society of Biopolymers and Polymeric Biomaterials (ISBPB) organized from July 9-12, 2014 at Washington DC, USA.

### Students Achievement

In the year 2013-14, various 10 research fellowships were awarded to the Research scholars of the Department. The details of the same are given in Table 2.

**TABLE 2: List of Fellowship awardees of the institute**

Name of Fellowship	Fellowships	Name of the students
Rajiv Gandhi National Fellowship	02	Ms. Pooja Mongia Raj
		Mr. Sandeep Singh
ICMR Fellowships	02	Mr. Aditya Nath Pandey
		Mr. Vivek Asathi
UGC BSR Fellowship	04	Mr. Sandeep Sonkar
		Mr. Suresh Kumar Sahu
		Mr. Sachin Hiradeve
		Mr. Sanjay K. Gupta
CSIR Fellowship	02	Mr. Deepak Kumar Jain
		Mr. Avneesh Singh

### Best Poster Awards

- Ms. Sunita Minz, Mr. Rakesh Raj, Mr. Sant Kumar Verma, Ms. Monika Kaurav, Mr. Arin Bhattacharya, Ph.D. Research Fellows received best poster award in various National seminars organized in the country. Debarshi Kar Mahapatra, B. Pharm. 8th Sem. Student received best poster award four times for his presentations in the national seminars.

### GPAT Results

- Eight students of the institution have cleared the national level Graduate Pharmacy Aptitude Test (GPAT) Examination-2013-14, being conducted by AICTE, New Delhi.

### Young Scientist Competition Award

- Debarshi Kar Mahapatra, B. Pharm. 8th Sem. student received 10th rank in ‘Young Scientist Competition 2013’ organized by International Journal of Pharmaceutical Research and Technology during Sept. 2013 at Surat, Gujarat.

## INSTITUTIONAL DEVELOPMENTS

### New Instruments installed

The institute has installed new scientific instruments for facilitating the Departmental research. The major instruments installed includes Noninvasive blood pressure apparatus-18 Lacs (Photo-1)), Flash chromatography-15 Lacs (Photo-2) and C, H, N Analyser 11 Lacs (Photo-3) and HPLC system-8 Lacs (Photo-4).



# ENVIRONMENTAL CONSERVATION



### Medicinal Plants Survey

The extensive survey of the medicinal plants of Achanakmar-Amarkantak forest has been done by making three visits. About 60 plants have been subjected to identification with the help of Botanical Survey of India, Kolkata and Allahabad Division (Photo-5).

Two new medicinal plants of Amarkantak forest were planted in the pharmacy Department which have adopted and thrived well in the institute (Photo-6 &7)

### Research Collaboration

Three research collaborations were developed in the current academic year with Dr. Van de Venter, Dept. of Biochemistry & Microbiology, Nelson Mandela Metropolitan University, Port Elizabeth, South Africa for HIV-Enzyme Assay Study. Second collaboration with Dr. D. Bandopadhyay, Department of Physiology (Free Radical Biology Laboratory), University of Calcutta, Kolkata, was developed for Antioxidant Activity Studies of Natural Products on Goat Heart Mitochondrion. Third collaboration was developed with Dr. Rajnikant, Department of Physics, National XRD Facility, University of Jammu, Jammu Tawi, J & K, for X-Ray Crystallography of Natural Products.

### Interaction with Traditional Healers

One day interaction program with local Baigas and Vaidus was organized on August 22, 2013 in the institute. Institute's faculty and Dr. C. K. Kokate participated in the interaction with Vaidya Nirmal Awasthi, Secretary, Chhattisgarh traditional Vaidya Association and the local traditional healers (Photo-8). Various traditional ayurvedic medicinal plants were also planted in the medicinal plant garden during the program.

### Guest Lecture

- Dr. B. Mishra, Professor and HOD, Department of Pharmaceutics, Banaras Hindu Vishwavidyalaya, Varanasi, delivered guest lecture on, 'Research work in Pharmaceutical Sciences', on Sept. 07, 2013 (Photo-9).
- Dr. C. K. Kokate, Vice Chancellor, K.L.E. Deemed University, Belgaum, delivered a guest lecture on the 'Present Scenario of the Pharmacy Profession in India', on Oct. 22, 2013.
- Dr. S. N. Umathe, Professor, Dept. of Pharm. Sciences, R.T.M. Nagpur University, Nagpur, has delivered a guest lecture on the 'Pharmacological R&D in University Institutions', on Jan. 30, 2014.
- Dr. S. K. Shrivastava, Director, Modern Pharmaceuticals Ltd, Indore, delivered a guest lecture on 'Today's Pharmaceutical Industry: Expectations from students during interview', on March 26, 2014.

### DEPARTMENT OF RURAL TECHNOLOGY AND SOCIAL DEVELOPMENT

The Department of Rural Technology and Social Development was established in the year 2001. Since then the Department has been successfully utilizing indigenous knowledge of the rural people of the newly born state of Chhattisgarh for the creation of need-based technologies for sustainable rural development. The major thrust areas of the research focus on the overall upliftment of rural artisans. Presently, the Department runs professional and job oriented Bachelor, Master and Doctoral Degree courses related to Rural Technology.

**Infrastructure:** Several advanced scientific instruments are available in the Department, which have been used in research as well as in conducting project work by undergraduate and post graduate students. New Accelerated Solvent equipment (ASE 150) has been installed for innovative research in the field of medicinal plants. New remote sensing GIS software ERDAS 2011, Arc PAD, and 21st century GIS have been purchased for remote sensing laboratory work and research.

**Research Areas:** The Department has furnished laboratories for plant extraction, herbal drug formulations and evaluation, drug delivery and their safety evaluation, Animal Physiology and demonstration units for Vermicomposting, Biocomposting, Apiculture, Sericulture, Lac production and Mushroom culture.

Approximately 2,000 books are available in the Departmental library. The pass outs of the Department have procured employment in Government and Non-Government Organizations.

### Orientation Programs/Workshops

- Mr Dilip Kumar and Dr. Alka Mishra attended 9th Orientation Program organized by UGC-ASC, GGV, Bilaspur from December 16, 2013 to January 12, 2014.



- Dr S.K. Nirala attended National Workshop on Alternatives to Use of Animal Sacrifice in Life Science Education for Teachers organized by the Department of Zoology, GGV, during 24-08-2013 to 25-08-2013.
- Dr S.K. Nirala attended Short term course on E-Learning and E-Content Development organized by UGC-Academic Staff College, Guru Ghasidas University, during 24-08-2013 to 25-08-2013.
- Dr S.K. Nirala attended National Workshop on "Molecular updates in biological sciences" organized by the Department of Zoology, GGV on 25-01-2014.
- Dr Bhaskar Chaurasia attended Short term course on E-Learning and E-Content Development organized by UGC-Academic Staff College, Guru Ghasidas University, during 24-08-2013 to 25-08-2013.
- Dr D.K. Patel attended National Workshop cum theme meeting on ion beam induced material modification and neutron generation using 3 MV particle accelerator: Application in physical, chemical and life sciences, organized by Dept of Physics, GGV, during 19-20 Aug, 2013.
- Dr D.K. Patel attended acquaintance program of interuniversity accelerator centre, organized by Dept of Physics, GGV, during 19 July, 2013.

### Students achievement

- Hemant Sahu and Prasoon Soni, Participated in National Workshop on "Ion-beam induced material modification and neutron generation using 3 MV particle accelerator: Application in Physical, Chemical and Life Sciences" Organised by Dept of Physics, GGV, Bilaspur on August 19-20, 2013.
- Hemant Sahu participated in National Workshop on "Molecular updates in Biological Sciences" Organised by Dept of Zoology, GGV, Bilaspur on January 25, 2014.
- Hemant Sahu and Prasoon Soni participated in National Workshop on "Particle accelerator for interdisciplinary research" Organised by Dept of Physics, GGV, Bilaspur on February 18-19, 2014.
- Hemant Sahu and Nomesh Kumar Tiwari participated in 101st Indian Science Congress, Jammu on February 03-07, 2014.
- Hemant Sahu and Prasoon Soni attended UGC sponsored short term training course on "How to write research paper and project proposal" organized by UGC-ASC, GGV, Bilaspur September 13-15, 2013.
- Mr. Niyaz Ahmed of the Department selected as JRF in the proeject "Study on terrestrial and aquatic ecology of NTPC, Seepat" in the month December, 2013.
- Miss D. Soundarya bagged First Prize in debate competition organized during National Science Day Celebration.
- Miss D. Soundarya bagged Second Prize in debate competition organized during Gandhi Jayanti Celebration on 30-09-2013.
- Miss D. Soundarya participated in UDAN magazine for publication her poem.
- Prasoon Soni presented a paper "Traffic study of Bilaspur City of Chhattisgarh by using digital surface modling (DSM): Approach towards urban planning" in "101st Indian Science Congress, Jammu on February 03-07, 2014.
- Nomesh Kumar Tiwari presented a paper "Practicing traditional technology by tribal farmers in agriculture" in National Conference on "Aspect of Ethno - Science and traditional technology among the tribes of Central India" organized by IGNTU in March, 24-25, 2014.

### Major activities organized by the Department

#### *Student's field visits*

- Seven students participated in Tiger sensors and line transact sampling program reserve area for plant species identification in Achanakmar forest, organized by Forest Department, CG Govt. from February 22-26, 2014.
- 70 students visited Chitragupt Dairy farm, Dhamni, Bilaspur on March 10, 2014.
- 48 students visited Donga-Nalla medicinal production area on Pali hill area of Korba district on September 21, 2014.
- 39 students visited Vermi-composting and poultry units in Mochh village, Takhatpur on March 29, 2014
- 59 students visited Sawa, Torla and Hathkerra village for analysing watershed activities on Tesua nala, March 22, 2014.

#### *Invited Lectures*

- Dr D.N. Singh, Ex-Professor and Head, Dept of Geography, BHU, delivered a talk on "Technology: Basic factor for Rural Development" in the Department on November 18, 2013.

#### *Trainings/workshops to students*

- 15 students of B.Sc. VI Semester participated in training program on " Innovative technique for improved tasar grainage"



organized by Tasar research development and training institute, Bilaspur on March 1-10, 2014.

- 17 students of B.Sc VI semester participated in training program on "Remote sensing, GIS and GPS" organized EDUSAT based training program by Indian Institute of Remote Sensing and Department on 5th August, 2013 to 12th November, 2013.
- Hemant Sahu and Prasoon Soni (research scholars) attended training on "Interaction program" organized by UIGC-ASC, GGV, Bilaspur from March 22, 2014 to April 11, 2014.
- Miss Deep Kaur Dhalla (Project Assistant) attended training program on "Exploration of molecular phylogeny and DNA sequence analyses for taxonomy for taxonomy, biological diversity and diseases -parental association findings" at MPCOST, Bhopal during 26th – 28th June, 2014.
- Piyush Shukla (UGC-project fellow) attended training program on "Exploration of molecular phylogeny and DNA sequence analyses for taxonomy for taxonomy, biological diversity and diseases -parental association findings" at MPCOST, Bhopal during 26th – 28th June, 2014.

### 2.1.8 PHYSICAL SCIENCES

The School has two Departments, viz., Department of Chemistry and Department of Pure & Applied Physics.

#### DEPARTMENT OF CHEMISTRY

The Department of Chemistry has been established in the year 2009 as a new Science Department with an objective of providing quality education in the conventional areas of Science and growing into a centre for teaching and research with an aim to acquire prominent position in the academic map of India. The Department offers both UG and PG level advanced courses in Chemical Sciences along with an integrated 5 years Master programme with exit option after completing 3 years B. Sc. (Hons.) The Department is also offering a Ph. D. programme in Chemistry. The integrated Master's programme includes basic knowledge of the Physical, Inorganic, Organic and Analytical Chemistry along with different experimental techniques during the first three years and advanced knowledge in Chemical Sciences and interdisciplinary sciences subsequently. There are four major specialized courses offered in M. Sc. viz. Organic Chemistry, Inorganic Chemistry, Physical Chemistry and Analytical Chemistry. The students are monitored and evaluated by regular class tests, seminars, assignments, mid and end-semester examinations.

The Department has three laboratories well equipped with necessary chemical-reagents, glassware, lab wares and basic instruments for performing experiments in physical, inorganic, organic and analytical chemistry in general and synthesis, analysis (qualitative and quantitative) and characterization of different inorganic and organic compounds in particular. Besides these FT-IR and UV-Vis spectrometers, Digital Polarimeter, HPLC, Cyclic Voltammeter and GC have been installed in the Department.

The departmental library fulfills the requirement of the faculty members and students. A number of reference books and access to online journals is also available. The total number of books in the library is over two thousands and order has also been placed for many recently published books.



**Nuclear Power model by students**



**Students with their models**



The faculty members are specialized in frontier areas of Chemical Sciences. The faculty members of the Department have significantly contributed to scientific world through scientific research and publications and have also received many distinguished national and international awards and fellowships such as JSPS Postdoctoral Fellowships, Von Humboldt Fellowship, ORISE, USA Postdoctoral fellowship, NSC, Taiwan postdoctoral fellowship, BK21 and KOSEF postdoctoral fellowship, South Korea. Few faculty members are on the editorial boards of journals and are referees for both national and international journals.

### Major Achievement of the Faculty Members

- Dr. A. Shrivastava received major research project, entitled “Synthesis and characterization of smart polymeric hydrogels through free radical polymerization process” funded by UGC worth Rs. 9.86 Lakhs.
- Dr. S. Banerjee received a major project entitled “Novel Mesoporous Ru-MCM-48 Materials for the Development of Green Synthetic Methodologies” under DST-Fast Track Scheme for Young Scientist, DST, Govt. of India, worth Rs.27 Lakhs.
- Dr. K. Shrivastava received a major project entitled “Design and Development of Nanoparticles as Biochemical Probes and Sensors for the Detection of Biomolecules and Organic Toxicants” under DST-Fast Track Scheme for Young Scientist, DST, Govt. of India worth Rs. 27 Lakhs.
- Dr. K. V. S. Ranganath received a project entitled “Asymmetric Nanocatalysis Using Functionalized Materials” from DST-SERB project, Govt. of India, worth Rs. 41.5 lakhs.



Upcoming building of the Department

### Awards/Honors/Fellowships

- Dr. Santosh Singh Thakur has been nominated as a member of Editorial Board of “International Journal of NanoScience and Nanotechnology” and “International Journal of Chemistry and Applications.”
- Dr. Manorama received major research project, entitled “A novel amperometric pesticide biosensor for organophosphates/carbamates based on acetyl cholinesterase immobilized on graphene-gold nanoparticles composite” funded by UGC worth 12.408 lakhs.

### Major Achievements of the Students

- One of the students qualified GATE, five students qualified CG-SET and another student qualified JRF-NET with All India Rank-67.

### DEPARTMENT OF PURE AND APPLIED PHYSICS

The Department of Pure and Applied Physics, one of the premier Departments of the University was established in the year 1995. The Department has grown by itself and emerged as the leader of the science education in Central India. The Department is having fifteen teaching faculty members including one Professor, three Associate Professors and eight Assistant Professors. The Department offers teaching and research programmes in Experimental & Theoretical Condensed Matter Physics, Experimental Material Science, Experimental Nuclear Physics, Spectroscopy and Plasma Physics. The Department offers wide range of courses, viz., as 5 years integrated UG/PG programmes in Physics & Electronics, two years M. Sc. in Physics & Electronics and also integrated M.Phil. / Ph. D. (Physics). New specializations in Nuclear Physics and Laser Science at Master's Level would also be available from the coming session. Two M. Tech. level courses in Nuclear Technology and Nano - Science and Technology will be started in the coming session. Department is having well equipped laboratories for General Physics, Mechanics, Heat and Thermodynamics, Optics, Electronics, and Computational Techniques. Advanced material characterization facilities such as Laser Raman Spectroscopy, Scanning Electron Microscopy, Atomic Force Microscopy, Fourier Transform – Infrared spectroscopy, UV – Vis spectrophotometer and X – ray diffractometer are also available for the M. Sc. students & research scholars of the Department. Department has its own library providing rich resources for both students and researchers. Department has successfully installed a 3 MV high current pelletron accelerator facility in the national centre for Accelerator based Research (NCAR). This facility will make the Department stand in the national science picture as one of the emerging research Departments of the country. The facility has provided opportunities to



carry out interdisciplinary research work in various branches of Science and in the first such facility in any Indian University and the first in terms of highest beam current in the whole country in this category.

The Department tries to maintain a dynamic academic culture by coordinating regular seminars, inviting eminent science personalities, conducting workshops, and symposia which provide excellent opportunities particularly to the UG/PG students of the Department. The Department is having its own training and placement cell, which trains students for national level entrance examinations, looks after their placement at various research institutes and industries. Students from the Department are encouraged to appear in national level examinations like, NET, GATE, JEST etc. The Department is striving very hard to improve the quality of Physics education to stand as one of the leading Science education centers in the country. The Department is included under FIST(DST) program second time and under special assistance program (SAP) of UGC.

### Major Achievements of the Department

- UGC Special grant to establish 3 MV accelerator Based research facilities worth Rs. 11 Crore has been received. Staff position of centre is under consideration to UGC.
- Proposal for Establishment of Low Energy (3 MV) particle Accelerator based Interdisciplinary Research Centre (800 Lakhs) has been approved by Department Of Atomic Energy (DAE), Board Of Research In Nuclear Sciences (BRNS) (P.I.: Prof. P K Bajpai). The grant will be released once MoU between DAE and University is signed.
- The Department has received three new projects during the period and is having total 11 projects running currently.

### 2.1.9 SOCIAL SCIENCES

The School of Social Science has five Departments: Education, History, Economics, Political Science and Social Work. The school offers Integrated UG/PG courses and Ph.D. programmes.

### DEPARTMENT OF ECONOMICS

In the era of globalization economics has emerged as the most significant and relevant field of study. Accordingly, the Department of Economics established in 1989 has the vision to produce the best economist and financial analyst for the academic and corporate world. In this endeavour, quality teaching is the most important objective of the Department. Seminars, Group discussion, Paper & Article writing, Project writing, Quiz etc. are the regular features over here. Besides, academicians and eminent economists are frequently invited to interact with the faculty members and students on contemporary issues. The Department is actively engaged in research development and consultation activities.

Being a Research Centre it also provides policy inputs to the private as well as public sectors. Apart from Central Library, the Department has its own enriched departmental library which is easily accessible to students. It is also worth mentioning that, the Department has organized number of Seminars, Conferences & Workshops on emerging issues. UGC Golden Jubilee National Seminar, First Annual Conference of Chhattisgarh Economic Association, Three Day's National Workshop on Advanced Research Methodology, Computer Applications in Social Sciences and Workshop on Women Entrepreneurship Programme, are notable among them. The Department has been contributing significantly in entrepreneurship development. It has excellent placement record, in public & private sectors. The Department has young & highly motivated faculty members from reputed institutes in India. The Department is proud of its collective enthusiasm which is continuously generating a good number of bright students.

### Major Activities organized by the Department

- Group discussions, Seminars were conducted throughout the session to provide students a platform, to exchange and collate their ideas.

### Major Achievements of the faculty members

- Dubey, Manisha, delivered a lecture on Challenges of women Empowerment in India as a key note speaker on 24 July, 2014 at M.G. Kashi Vidyapeeth, Varanasi.
- Dubey, Manisha, delivered a lecture on The Research Design in Orientation Course on Research Methodology in Social Sciences on 25 March, 2013 at ASC, GGV.

### DEPARTMENT OF EDUCATION

Since its inception in 2007, the Department of Education is committed to bring out the best potentials of its students to develop





them as empowered and envisioned leaders of Indian Education. The Department possesses a team of able and sensitive teachers striving to promote among the prospective teachers and the teacher educators – a high standard of knowledge, professional skills, cultural understanding, social responsibility and synergistic progress within a truly multicultural educational environment.

It offers state-of-art curricula incorporating the modern thoughts in the field of teacher education. It also provides sensitization regarding the need, value and place of teaching professionals through ample practical experiences. All the educational experiences are designed to develop competence to face the placement market and to get through competitive examinations. A fine number of our students have got through the CTET, NET and SLET in the foregone sessions.

The Department is known for its discipline and student-friendly environment providing excellent technological facilities, quality knowledge resources (a rich library, internet facilities as well as regular seminars, workshops, community programmes and other co-curricular experiences) and potent research experiences.

At present, the Department offers B.Ed., M.Ed., B.Ed. Special Education (L.D.), B.Ed. Special Education (H.I.) and Ph.D. programmes. Demonstration lessons, practice teaching and intership programmes are regular features of the curricula of the courses being offered. Extension activities such as community enrichment programmes have been organized to develop awareness about health and education amongst rural people. Cultural activities, games and sports are organized by the students to identify and nurture the talents in the concerned fields. The departmental library is having a good number of text and reference books.

### **Major Activities organized by the Department**

- Prof. Ashutosh Biswal delivered a lecture on Research in Education on 2014.
- Several lectures were organized by the eminent scholars specialized in different areas of special education for the B.Ed. special (L.D.) and B.Ed. special (H.I.) students.

### **Major Achievements of the Students**

- 12 M.Ed. students qualified UGC-NET, June 2013 examination among which 07 were JRF.
- 05 students qualified CTET, June 2013 examination.
- Major Achievements of the Faculty Members
- Dr. Vazalwar, C.S. delivered an invited talk on research in education at PG Department of Education, Nagpur on 29 June 2013.
- Dr. Vazalwar, C.S. delivered an invited talk on mental health & teaching language at UGC Academic Staff College, RTM, Nagpur on 08 March 2014.
- Dr. Vazalwar, C.S. delivered an invited talk on testing techniques in research at UGC Academic Staff College, RTM, Nagpur on 08 March 2014.
- Dr. Mishra S. delivered a lecture as a resource person in third National workshop on present trends in self-learning material: example & practice at Pt. Sunderlal Sharma Open University, Bilaspur on 20 March 2013.

### **DEPARTMENT OF HISTORY**

The Department of History was established in the year 1996 under the School of Social Sciences. The courses of 5 year integrated UG/PG programme in History, M.A. (with specialization in Medieval and Modern History) and Ph.D. are available for the students. The medium of instruction in the classroom teaching as well as in the examinations is both English and Hindi. 5 years integrated UG/PG course with exit option on successful completion of 3 years B.A. (Hons) has been introduced since 2009-10.

The thrust areas of research and study in the Department are regional study and developmental study with special reference to the History of Chhattisgarh. With the start of Pre-Ph.D. course work programme the Department is actively involved in the research and developmental studies to encourage academic interests in the field of History. In this process, the Department organizes lectures by eminent historians and academicians of the field. On the occasions of various events related to the historical importance and dates associated with the great personalities, the Department organizes seminars and discussions. Fellowships and scholarships provided by the state and central government are available to the students for research work. With the motive of all round personality development of the students and to generate community feeling amongst them the Department also encourages the students towards active and successful participation in various extra- curricular activities as well as NSS.



The Department is well equipped with its own library having approximately 400 books. Apart from these books, students also avail the facility of the well-stocked Central Library having internet facility. Its reference section has a good collection of journals, reference books and Ph.D. thesis which the students can refer. Apart from teaching regular U.G. / P.G and Pre-Ph.D. courses, the teachers of the Department are associated with UGC NET coaching and In-service Exam's coaching offered by the University.

### Objectives of the Department

- To focus on the regional and developmental study with special reference to Chhattisgarh.
- To study and research on Medieval & Modern history.
- To focus on the study of history of tourism with special reference to Chhattisgarh.
- To enrich the students with modern tools and techniques being offered in the field of History
- To enrich the students with the modern developments in the field of history

### Achievements of the Faculty Members

- One of the faculty member Dr Mahesh Kumar Shukla, Assistant Professor (Ad-hoc) received the Dr Ambedkar Seva Shree Samman, Chhattisgarh, (April'14)

### Achievements of the Students

- One student got selected in Uttar Pradesh Public service Commission Lower Subordinate Examination for the post of Weight and Measurement Inspector.

### DEPARTMENT OF POLITICAL SCIENCE

Established in 1987, the Department of Political Science is one of the oldest Departments of the University. The Department offers 5-years integrated course in Political Science with exit option after three years with an Honours degree, Master's degree in Public Administration and Ph.D. A rich library with air-conditioned reading room facility for students and teachers is maintained by the Department. Currently there are more than 300 text and reference books in the library. The faculty members of the Department have been engaged in quality research.



### Major Activities Organized by the Department

- A Survey Research was conducted by the Department on State Elections in Collaboration with Centre for Studies and Developing Society (CSDS), Lokniti, Delhi, in November 2013.
- A one Day workshop was organized on 'Research Methodology in Social Sciences' with Dr. Oliver Heath, University of London.

### Achievements of the Faculty Members

- Saxena, Anupama got engaged in a collaborative research entitled 'Comparative State Politics and Public Policy in India' in collaboration with Centre for Studies of Developing Societies, New Delhi, India and Kings India Institute, Kings College London University, London. Visited Kings College London University, London during September 2013.
- Saxena, Anupama got engaged in a collaborative study with Centre for studies of developing societies, New Delhi on National Elections 2013.

### Skit performed by students at the conclusion of fieldwork

### DEPARTMENT OF SOCIAL WORK

Responding to the changing needs for the professional education and training in Social work, the Department of Social Work was established in the year 1998. The Department prepares students to become effective Social Workers in the new economic



era and the emphasis is always on quality education and promoting a culture of enquiry and quality of life. The Social Work Programme comprises classroom courses correlated with learning through field experience under various social settings. The mission of the Department of Social Work is to prepare students to become generalist social work professionals by enhancing their commitment to democracy, peace, human rights, people's empowerment, social justice and human diversity. Presently the Department is offering BSW, MSW and Ph.D. programmes. The intake in MSW is 60 and in BSW is 30. As a part of the educational experience, the programme provides students with opportunities to develop appropriate attitudes, skills and critical perspectives imbued with spirituality in providing services to the public, corporate, non-profit development sectors and civil society. Field practicum is the cornerstone of social work education and allows



**Recreational activities for the elderly on the occasion of World Elderly Day**

social work students to put classroom learning into practice. The social work practicum experience offers an opportunity to students to try to realize the mission and objectives of the programme. It is designed to create an environment where the student can grow professionally, through engagement in some experiential activities. Thus, individual growth and development in the work situation is what field work is all about. Students are provided with an opportunity for a planned learning experience in a community or a social service agency or organization. The Department offers social work students direct learning experiences with individuals, families, groups, communities and development organizations. Faculty supervisors provide on-site guidance and help students to ensure high quality experiences. The Department faces the challenge to prepare students to become professional social workers in the new economic era, providing emphasis on quality education and promoting a culture of enquiry with academic pursuits. To train the students in understanding the contemporary need of the society and to develop professionalism into them and to provide them good employment opportunities the Department have also effective collaborations with NGOs and Local Administration. The Department has adopted 10 villages and 10 NGOs in the 10km radius of the University, where students of both 2nd & 4th semester go for their concurrent field work twice in a week (i.e. Thursday & Friday) where they create awareness amongst the rural masses regarding prevention and alleviation of social problems prevailing in the local communities (like evil effects of alcoholism, practice of child labour, dowry, illiteracy, preventive measures of AIDS, myths, taboos, health hazards and drug abuse). Outreach programmes are arranged for community development. Methods of mass communication such as plays, speeches, folklore/dance and other cultural activities are effectively employed for this purpose and they provide best possible solutions within the available resources. Students actively participate and organize workshops and seminars on important issues of social relevance.

### **The Vision**

In accordance with the vision of the GGV, the Department of Social Work endeavors to promote inclusive social order through professional social work, education, and practice.

### **Mission**

The Mission of the Department of Social Work in GGV is to prepare students to become dedicated social work professionals by enhancing their commitment to democracy, peace, human rights, people's empowerment, social justice, and human diversity. As part of educational experience, the programme provides students with opportunities to develop appropriate attitudes, skills and critical perspectives imbued with spirituality in providing services to the public, corporate, non-profit development sectors and civil society.

### **Objectives**

To fulfill the above mission, the Department has outlined the following objectives:



- Impart education and training in professional social work in order to create qualified personnel in social welfare and allied fields through culture-sensitive, eclectic and evidence-based participatory practice;
- Develop knowledge, skills, attitudes and values appropriate to the social work profession;
- Promote integration of theory and practice in the fields of social welfare and social policy; and
- Provide interdisciplinary collaboration for better understanding of human problems, systemic discrimination and marginalization, issues of social development and needed services.

### Major Activities Organized by the Department

1. Industry visit- SECL to understand the CSR funding and its work,
2. Assisted the agency Aditya Sewa Sansthan and participated in the workshop on Female Feticide and Environmental Conservation
3. Organized Plantation program in Ratanpur Bharari Village.
4. Organized program (- Quiz and painting Competition) for School students in Sendri and KacchaarVillage.
5. Worked with Bamboo artisans in Basod (Badhwapara) Community, Basha Community (Beltara), community Lingyadh (Sarkanda) where several activities were done:
  - Distribution of ID cards of Bamboo artisan given by the GOI on which they can get several benefits
  - Community Need Assessment (CNA) of bamboo artisans
  - SHG formation of bamboo artisans in different communities
  - Socio- economic Survey of Community Imlibhata
  - Social Mapping
6. Organized awareness program on 'De-addiction of drugs and Alcoholism' with collaboration of Chhattisgarh Vikas Avam Pracchaar Sansthan; the Resource person was Shri Asish Singh President of the agency.
7. Conducted awareness camp on Legal Aid/ Literacy focusing on the problems of women in Sendri -2 with collaboration of NGO Vasudha Mahila Manch,
8. Organized Awareness Program on International Literacy Day in five communities adopted by the Department.
9. Celebrated World Elderly Day in five communities adopted by Department.
10. In Sendri a workshop was organized for: 'SHG- Formation and Management' with collaboration of ADO Panchayat, Bilha Block in which women were briefed about benefits of forming SHG, process of formation of SHG and how to operate and manage SHG.
11. Conducted Training Program for Adolescent Boys/Girls on Motivation and Career Counselling in Lokhandi Community.
12. Conducted Workshop "Domestic Violence among Women" in Collaboration with an NGO, MSKPP, Bilaspur.
13. Organized Legal Literacy camp in the Lokhandi Community;  
Resource Person: Smt. Sunita Toppo; Secretary, District Legal Authority, Bilaspur.
14. Organized Workshop on "Organic farming "among farmers of Lokhandi.
15. Organized Training Program for SHG women in Masturi Block which was facilitated by MSKPP- an NGO.
16. Motivated/facilitated women/famers to open an account in Sakhi Cooperative Bank.
17. Organized Awareness Campaign "Intravenous Drug Users" to bring drug users towards OST therapy/Counselling, Sessions/HIV testing in ICTC Centre.
18. Organized one week Orientation Program for newly Admitted students in BSW/MSW/Ph.D. (22/07/14-27/07/14)
19. Cultural Program Organized in five different communities during termination of field practicum in 2013-14.
20. Guest Talk Organized in the Department; on Contemporary Social Concerns; the resource Person was Prof. A.N. Singh, Head, Department of Social Work, MGKV Varanasi.
21. Various outreach programs have been conducted regularly on key issues (Health, Education, Livelihood etc.) with collaboration of various NGOs working in Bilaspur from July 2013 to March 2014.
22. A Guest Talk Organized on Medical Social Work by Dr. Bishwnath Mondal, INKA Clinic Bilaspur on 13/04/14
23. Board of studies was constituted by the Department on 22/5/13 for the syllabus of BSW and PhD.
24. A Guest Talk Organized on Social Work Methods by Mr. Pawan Mukherjee from Allahabad.
25. Prof. S.V. Sudhakar Rao; Executive Council Member, GGV, delivered a motivational Talk on new avenues of Social Work.



### Achievements of the Students

1. Three students of MSW cleared UGC-JRF in 2013-14 session.
2. One Student of MSW cleared UGC-NET in 2013-14 session.
3. One Research Scholar awarded by RGNF in January 2014.
4. One Research Scholar awarded by UGC-JRF in July 2014.
5. Launch of Departmental Magazine "Uday" in July 2014.
6. The Department Collaborated with ten national, thirty state and fifty local; NGOs working in different areas of Social Work.
7. The Department received the first prize in Model Exhibition during University Week.
8. The Department started a Five Year UG/PG integrated Program in Social Work.

## 2.2. ACADEMIC STAFF COLLEGE

Thirteen (13) training programmes were organized by ASC during 2013-2014 for enhancing the skills and capacity building of teaching staff, non-teaching staff and research scholars of Universities/Colleges. Four hundred two (402) participants were benefited under these programmes. The details of the programmes are mentioned below.

### 1. Orientation Programme

Four (04) Orientation programmes were organized during 2013-14. The newly appointed Assistant Professors of Colleges/Universities were benefited by these programmes. Details of the programmes are as follows:

S. No.	Name of the programme	Duration	No. of participants
1.	Orientation Programme (OP)-VI	03/06/13 to 29/06/13	24
2.	Orientation Programme (OP)-VII	08/07/13 to 03/08/13	22
3.	Orientation Programme (OP)-VIII	26/08/13 to 21/09/13	15
4.	Orientation Programme (OP)-IX	16/12/13 to 12/01/14	21

The eminent Professors/Experts were invited as resource persons for delivering lectures on different components of training like 1) Development, Education and Environment 2) Philosophy of education 3) Indian Education System & Pedagogy 4) Resource Awareness, Knowledge & Personality Development. The participants were given opportunity to acquaint themselves with latest ICT skills and practical training for effective classroom teaching and learning. Vice-Chancellor, Pro-Vice-Chancellor, Registrar and DSW of the University addressed the participants in inaugural & valedictory sessions of the programmes (Plate: 1).

### 2. Short Term Courses

Four (04) Short term courses were organized. Forty one (113) participants were benefited by these training programmes. Resource persons were invited for delivering lectures in various courses as per the needs of the training. The training facilitated in improving the skills and knowledge of participants. The programmes were graced by the officers of the Vishwavidyalaya especially during inaugural & valedictory sessions (Plate: 2).

S. No.	Name of the Programme	Duration	No. of participants
1.	Short Term Course on "Interaction Programme for Ph.D. Scholars"	09/05/13 to 11/05/13	27
2.	Short Term Course on "How to Write Research Paper & Project Proposals"	13/09/13 to 15/09/13	47
3.	Short Term Course on "E-learning & E-content Developments"	10/01/14 to 12/01/14	20
4.	Short Term Course on "Reforms in Examination & Evaluation System"	24/02/14 to 26/02/14	19



### 3. Additional Programme

Two (02) additional programme were organized. Seventy five (75) participants were benefited by these training programmes. Resource persons were invited for delivering lectures in various courses as per the needs of the training. The training facilitated in improving the skills and knowledge of participants. Principals of colleges were invited to attend a one day workshop to sentize them about ASC activities and discussed the role in upgrading the skills of teachers & their colleges by participants in various programmes of ASC. The programmes were graced by the executive officers of the Vishwavidyalaya especially during inaugural & valedictory sessions (Plate: 3).

S.No.	Name of the programme	Duration	No. of participants
1.	Principals' Meet	24/07/13 to 24/07/13	52
2.	Additional Programme "Interaction Programme for Ph.D. Scholars"	21/03/14 to 11/04/14	23

### 4. University In-house Training Programmes

Besides UGC approved programmes, the ASC has also facilitated in organizing three (03) one day workshops on Hindi (Rajbhasha). The dealing clerks of various Department of Vishwavidyalaya were trained on preparing inputs of quarterly report in Hindi and use of Hindi in official correspondence. All these programmes were organized in collaboration with Hindi, Rajbhasha Prakosth of University.

Sr. No.	Name of the programme	Duration	No. of participants
1.	Rajbhasha Workshop-II	05/06/13 to 05/06/13	34
2.	Rajbhasha Workshop-III	27/12/13 to 27/12/13	45
3.	Rajbhasha Workshop-IV	26/03/14 to 26/03/14	53





# HUMAN RESOURCE PROFILE

### 3. HUMAN RESOURCE PROFILE

#### 3.1 TEACHING STAFF

Category	Sanctioned						Filled					
	Gen	SC	ST	OBC	PWD	Total	Gen	SC	ST	OBC	PWD	Total
Professor	46	08	04	-	-	58	18	01	01	-		20
Associate Professor	84	16	08	-	-	108	36	02	-	-		38
Assistant Professor	137	39	19	72	02	267	95	25	11	44	02	175
Total	267	63	31	72	02	433	149	28	12	44	02	233

#### 3.2 NON-TEACHING STAFF

Category	Sanctioned	Filled					
		Gen	OBC	SC	ST	PWD	Total
Group 'A'	33+8*	18	03	01	02	-	24
Group 'B'	55+6*	14	08	06	06	-	34
Group 'C'	214+39*	87	76	27	22	06	218
Group 'D' (Except Safai Karamchari)	138	23	28	15	16	-	82

\* Sanctioned by Executive Council.







# **FINANCIAL RESOURCES**

## 4. FINANCIAL RESOURCES

### 4.1 FINANCIAL STATEMENTS

Financial Year 2013-14 (01-04-2013 to 31-03-2014)

BALANCE SHEET as on 31st March 2014

	SOURCES OF FUNDS	Schedule	Current Year 2013-14 (in Lacs)	Previous Year 2012-13 (in Lacs)
1	<b>UNRESTRICTED FUNDS</b>			
	Corpus fund	1	11446.97	10850.87
	General Fund	2	-	
	Designated/Earmarked Funds	3	5389.898	6034.76
	<b>RESTRICTED FUNDS</b>	4		
	<b>LOANS/BORROWINGS</b>	5		
	Secured			
	Unsecured			
	CURRENT LIABILITIES & PROVISIONS	6	5551.74	3448.92
	<b>TOTAL</b>		<b>22388.60</b>	<b>20334.55</b>
2	<b>APPLICATION OF FUNDS</b>			
	<b>FIXED ASSETS</b>	7	6480.36	5169.74
	Tangible Assets			
	Intangible Assets			
	Capital Work-In-Progress			
	<b>INVESTMENTS</b>	8	12871.53	13265.59
	Long Term			
	Short term			
	<b>CURRENT ASSETS</b>	9	2297.37	1224.64
	<b>LOANS, ADVANCES &amp; DEPOSITS</b>	10	739.33	674.58
<b>TOTAL</b>		<b>22388.60</b>	<b>20334.55</b>	
	Notes on Accounts	22		



## 4.2 INCOME &amp; EXPENDITURE ACCOUNT

(FOR 01-04-2013 TO 31-03-2014)

PARTICULARS	Schedule	Current Year 2013-14					Previous Year 2012-13
		Unrestricted Fund			Restricted Fund	Total (in Lacs)	Total (in Lacs)
		Corpus	Designated Fund (in Lacs)	General Fund			
<b>INCOME</b>							
Academic Receipts	11		909.50			909.50	
Grants & Donations	12		4409.73			4409.73	
Income from investments	13		189.64			189.64	
Other Incomes	14		87.88			87.88	
TOTAL (A)			5596.74			5596.74	5193.18
<b>EXPENDITURE</b>							
Staff Payments & Benefits	15		2393.57			2393.57	
Academic Expenses	16		220.89			220.89	
Administrative and General Expenses	17		499.48			499.48	
Transportation Expenses	18		33.62			33.62022	
Repairs & maintenance	19		88.77			88.77	
Finance costs	20		.90			.90	
Other Expenses	21		191.36			191.36	
Depreciation (Net Total at the year-end-corresponding to schedule 8)			1131.43			1131.43	
TOTAL (B)			4559.94			4559.94	4519.99
Balance being excess of Income over Expenditure (A - B)			1036.80			1036.80	673.19
Transfer to/from Designated Fund:							
1- Building fund							
2- Others (specify)							
Balance being Surplus/(Deficit) Carried to General Fund			1036.47			1036.47	673.19
Notes on Accounts	22						



## 4.3 SCHEDULES FORMING PART OF BALANCE SHEET AS AT MARCH 2014

## Schedule 3: Designated / Earmarked Funds

Particulars	FUND WISE BREAK UP				TOTAL	
	FUND AA (XI Plan) (in Lacs)	FUND BB (XII Plan) (in Lacs)	FUND CC (Est. of School of Education) additional Grant (in Lacs)	FUND DD (other Projects /grants) Annexure -A (in Lacs)	Current Year 2013-14 (in Lacs)	Previous Year 2012-13 (in Lacs)
a) Opening balance of the funds	1920.75	3254.41	-	859.53	6034.69	
b) Additions to the Funds:						
i. Donation/grants	2500.00	1000.00	1252.13	4752.13		
ii. Income from investments made of the funds	144.55	342.30	68.22	-	555.07	
iii. Accrued interest on investments of the funds						
TOTAL (a+b)	2065.30	6096.71	1068.22	2111.66	11341.89	10401.17
c) Utilisation/Expenditure towards objectives of funds						
i. Capital Expenditure						
Merged Scheme(XII)		3.20				
Non-Net Fellowship		94.12				
- Fixed Asset						
Building						
Building XI Plan	594.69					
Building SC Hostel XI Plan	1000.00					
Building XII Plan		399.75				
Equipment		911.83				
Book & Journals		66.50				
Campus Development		784.03				
Other Infrastructure		217.96				
- Others						
Total	1594.69	2477.38				
ii. Revenue Expenditure						
- Salaries, Wages and allowances etc.		1290.04				
Children Education Allowance		7.44				
LTC		1.053				
Medical reimbursement		1.72				
NPS		92.08				
- Rent						
Total		1392.33				
Total ( c )	1594.69	3869.71		584.07	6048.47	4366.41
NET BALANCE AT THE YEAR-END (a+b-c)	470.61	2226.99	1068.22	1527.59	5293.42	6034.76



## 4.3 STATEMENT OF OTHER GRANTS/FINANCIAL ASSISTANCE RECEIPT &amp; EXPENDITURE

(1-APR-2013 TO 31-MAR-2014)

[Amount in Rs.]

Particulars	Opening Balance as on 01/04/2013	Grant/Fund Received during the year	Total Fund Available during the year	Expenditure during the year	Refund	Total Expenditure	Balance as on 31 March 2014
UGC Grant for ASC	17030133.5	12750000	29780133.50	18468906		18468906	11311227.50
Academic Staff College(DBT)	100550.00 Cr		100550.00	100550.00		100550.00	0.00
AICTE	1400000.00 Cr	1200000.00	2600000.00				2600000.00
AICTE (CAYT) Dr Harish Rajak		180000.00	180000.00	11734.00		11734.00	168266.00
AICTE EDC (Dr. J.S. Dangi)	20393.00 Cr	129830.00	150223.00				150223.00
AICTE EDC Project (Dr. Sanmati Jain)	443092.00 Cr		443092.00				443092.00
AICTE E D C Project DrShailendra Singh	673220.00 Cr		673220.00				673220.00
AICTE - GATE Scholarship	452033.00 Cr	4552227.00	5004260.00	4932173.00		4932173.00	72087.00
AICTE MODROBS LAB Chief Coord. Dr S N Saha	1200000.00 Cr		1200000.00				1200000.00
AICTE RPS Dr. Sunil Jain	966667.00 Cr		966667.00	845226.00		845226.00	121441.00
AICTE RPS DrVinodRangari	1713334.00 Cr		1713334.00	1572525.00		1572525.00	140809.00
AICTE RPS Scheme	7280.00 Cr		7280.00				7280.00
AICTE RPS Scheme Fin. Asst. (J.S. Dangi)	210761.75 Cr		210761.75	217112.00		217112.00	-6350.25
Basic Scientific Research Deptt. of Physics	1973285.00 Cr		1973285.00	425285.00		425285.00	1548000.00
Biotechnology Project	1289000.00 Cr		1289000.00	1289000.00		1289000.00	0.00
Ccost Financial Assistance(Botany)	25000.00 Cr		25000.00				25000.00
C Cost Project Grant	16007.00 Cr		16007.00	16007.00		16007.00	0.00
CCOST Travel Grant		45425.00	45425.00	45425.00		45425.00	0.00
Central Councelling Board(AIEEE)	36800.00 Cr		36800.00				36800.00
CSIR (DrBhumiNathTripathi)	32000.00 Dr		32000.00				32000.00
CSIR (Dr. M. ChakradharaRao)		587250.00	587250.00				587250.00
CSIR (DrSatyaShila Singh)		960000.00	960000.00	66000.00		66000.00	894000.00
CSIR Fellowship(Deepak Kumar Jain &Avineesh Singh)		515200.00	515200.00	425160.00		425160.00	90040.00
CSIR Project (DrV.K.Rai)	768778.00 Cr		768778.00	294151.00		294151.00	474627.00
CSIR (Rashmi.Dubey) Chemistry	92600.00 Cr		92600.00	72600.00		72600.00	20000.00
CSIR Research Fellowship (Mukesh Kumar Gupta)	262400.00 Cr		262400.00	242400.00		242400.00	20000.00
DAE-BRNS(Prof.P.K.Bajpai)HOD, Physics		47213643.00	47213643.00	211733.00		211733.00	47001910.00
DBT	227963.00 Cr		227963.00	27963.00		27963.00	200000.00
DBTEPF Project (Dr. BhupendraNathTiwary)		1826397.57	1826397.57	185611.00		185611.00	1640786.57



Particulars	Opening Balance as on 01/04/2013	Grant/Fund Received during the year	Total Fund Available during the year	Expenditure during the year	Refund	Total Expenditure	Balance as on 31 March 2014
DBT-GGV Builder Program (Biotechnology)		16195380.00	16195380.00	132046.00		132046.00	16063334.00
DBT Project (Dr Monika Bhadoria)	871200.00 Cr		871200.00	385488.00		385488.00	485712.00
DBT (RGYI) Dr S K Prajapati		1711200.00	1711200.00				1711200.00
DST (Dr. Bhaskar Mukherjee)		826000.00	826000.00	8448.00		8448.00	817552.00
D S T Fellowship (Arpita Mani Tripathi)	51728.00 Cr		51728.00				51728.00
DST FIST Physics		6000000.00	6000000.00	6000000.00		6000000.00	0.00
DST/INSPIRE FELLOWHIP	966113.00 Cr	1287867.00	2253980.00	1319112.00		1319112.00	934868.00
DST Research Project (Dr. BhumiNathTripathi)	105276.00 Cr		105276.00				105276.00
DST Travel Grant	24957.00 Dr		24957.00				24957.00
Gate Scholarship M.Tech.	1071220.00 Cr		1071220.00	762000.00		762000.00	309220.00
GOI Fellowship Scheme for Doctoral Work	1500.00 Cr		1500.00				1500.00
Grant for Construction of I.T. & Workshop	2950107.00 Cr		2950107.00				2950107.00
ICFRE Dehradun	2489853.00 Cr		2489853.00				2489853.00
ICHR(Fellowship) NEW DELHI	12000.00 Cr		12000.00				12000.00
ICMR (Dr. Sunil Kumar Jain)		257600.00	257600.00	188100.00		188100.00	69500.00
ICMR,New Delhi	25000.00 Dr		25000.00				25000.00
ICSSR (DR AnupamaSaxena)	147844.00 Cr		147844.00	92452.00		92452.00	55392.00
ICSSR (Dr. BalramOraon)		540000.00	540000.00				540000.00
ICSSR (Dr. ManishaDubey)		260000.00	260000.00	26839.00		26839.00	233161.00
Indian Council of Social Science Research	2300.00 Cr	261800.00	264100.00	78919.00		78919.00	185181.00
Indira Gandhi Single Girl Grant	80000.00 Dr	80000.00	160000.00				160000.00
Inspire DstPriyankaPandeyJrf	250400.00 Cr		250400.00	64000.00		64000.00	186400.00
INSPIRE Programme AICTE	417142.00 Dr		417142.00				417142.00
IUAC PROJECT (Dr P K Bajpai)			0.00	10274.00		10274.00	-10274.00
National E-Governance Workshop/seminar	116716.00 Cr		116716.00	116716.00		116716.00	0.00
National Research Development Corporation,New Delhi	24763.00 Dr		24763.00				24763.00
NCERT Research Project	58000.00 Cr		58000.00	12009.00		12009.00	45991.00
NTPC (Dr A K Dixit)		1000000.00	1000000.00	83742.00		83742.00	916258.00
PAO	279200.00 Cr		279200.00				279200.00
Plan Grant for Submission of Sodhganga		1420000.00	1420000.00	1400000.00		1400000.00	20000.00
Project,Min. of Env. & Forests (Dr.S.S.Singh)	440565.00 Cr		440565.00	291051.00		291051.00	149514.00
Rajeev Gandhi Fellowship (UGC)	7937923.00 Cr	115260.00	8053183.00	505631.00		505631.00	7547552.00
Rajiv Gandhi ShikshaMission,C.G.	47200.00 Cr	100000.00	147200.00				147200.00
Research Project,Env&ForestDr S S Singh	2000000.00 Cr	78354.00	2078354.00	50000.00		50000.00	2028354.00



Particulars	Opening Balance as on 01/04/2013	Grant/Fund Received during the year	Total Fund Available during the year	Expenditure during the year	Refund	Total Expenditure	Balance as on 31 March 2014
Sahid Veer Narayan Singh Plan ShodhPeeth Fin. Asst	915000.00 Cr		915000.00				915000.00
SAP(DRS) in the Department of Physics	320000.00 Cr		320000.00				320000.00
SERB (Dr. Kalluri V.S. Ranganth)		2000000.00	2000000.00				2000000.00
SERB(Dr. KamleshShrivasa)Chemistry		1470000.00	1470000.00				1470000.00
SERB (Dr. Pradeep Singh)		800000.00	800000.00	363809.00		363809.00	436191.00
SERB (Dr. R.P. Prajapati)		490000.00	490000.00	13274.00		13274.00	476726.00
SERB (Dr. Satendra Kumar Nirala)	500000.00 Cr		500000.00	30194.00		30194.00	469806.00
SERB (Dr.V.K.Rai)	1430949.00 Cr		1430949.00	1147610.00		1147610.00	283339.00
SERB (Dr. Pradeep Das)		1415000.00	1415000.00				1415000.00
SERB DST (DrSubhash Banerjee)		1250000.00	1250000.00				1250000.00
SIPDA, Bilaspur	800000.00 Cr		800000.00				800000.00
Special Grant GOI	1500.00 Cr		1500.00				1500.00
UGC Adult Education Grant 10th Plan	375000.00 Cr		375000.00				375000.00
UGC Assistance SAP (Pharmacy)Non-Recurring	4100000.00 Cr		4100000.00	2976805.00		2976805.00	1123195.00
UgcAssistane Under SAP(Dr.J.S.Dangi) Recurring	92953.00 Cr		92953.00	38774.00		38774.00	54179.00
UGC BSR Fellowship			0.00	524291.00		524291.00	-524291.00
UGC BSR Start Up DrBhaskar Sharma	540000.00 Cr		540000.00				540000.00
UGC BSR Startup Dr. BrajBhushanChaturvedi		540000.00	540000.00	7200.00		7200.00	532800.00
UGC BSR Start Up Dr. GarimaTiwari		540000.00	540000.00				540000.00
UGC BSR Startup Dr. Jata Shankar		540000.00	540000.00				540000.00
UGC BSR Startup Dr. Kesavan		540000.00	540000.00	10000.00		10000.00	530000.00
UGC BSR Start Up Dr. Sanjay Kumar Bharti		540000.00	540000.00				540000.00
UGC BSR Startup Dr. Vivekananda Mandal		540000.00	540000.00	418552.00		418552.00	121448.00
UGC BSR Start Up Grant Amar NathSil	540000.00 Cr		540000.00				540000.00
UGC BSR StartUP Grant(Dr. Akhlesh Kumar Jain)	540000.00 Cr		540000.00	385942.00		385942.00	154058.00
UGC BSR Start Up Grant DrArjunPatra	540000.00 Cr		540000.00	95883.00		95883.00	444117.00
UGC BSR StartUP Grant(Dr.Chandrama P Upadhyaya)	540000.00 Cr		540000.00	163467.00		163467.00	376533.00
UGC BSR Start Up Grant DrDeendra Kumar Patel	540000.00 Cr		540000.00				540000.00
UGC BSR StartUP Grant(Dr. Dinesh Kumar Mishra)	540000.00 Cr		540000.00	380108.00		380108.00	159892.00
UGC BSR Start Up Grant DR Jagdish Singh	540000.00 Cr		540000.00				540000.00
UGC BSR StartUP Grant(Dr. Monika Bhadauria)	520000.00 Cr		520000.00	217213.00		217213.00	302787.00
UGC BSR Start Up Grant DrNishant Jain	540000.00 Cr		540000.00	24915.00		24915.00	515085.00



Particulars	Opening Balance as on 01/04/2013	Grant/Fund Received during the year	Total Fund Available during the year	Expenditure during the year	Refund	Total Expenditure	Balance as on 31 March 2014
UGC BSR Start Up Grant DrParthaPratim Roy	540000.00 Cr		540000.00	352080.00		352080.00	187920.00
UGC BSR Start Up Grant Dr Rajesh Ugale	540000.00 Cr		540000.00				540000.00
UGC BSR StartUP Grant(Dr. Santosh Singh Thakur	540000.00 Cr		540000.00	364466.00		364466.00	175534.00
UGC BSR StartUP Grant(Dr. Satendra Kumar Nirala)	540000.00 Cr		540000.00				540000.00
UGC BSR StartUP Grant(Dr. SatyaShila Singh)	540000.00 Cr		540000.00	5549.00		5549.00	534451.00
UGC BSR StartUP Grant(Dr. SeemaRai)	540000.00 Cr		540000.00	310796.00		310796.00	229204.00
UGC BSR StartUP Grant(Dr. Subhash Banerjee)	540000.00 Cr		540000.00	378363.00		378363.00	161637.00
UGC BSR StartUP Grant(Dr. Sudhir Kumar Pandey)	540000.00 Cr		540000.00				540000.00
UGC BSR Start UP Grant Dr Suresh Thareja	540000.00 Cr		540000.00				540000.00
UGC BSR Start Up Grant Santosh Kumar Prajapati	540000.00 Cr		540000.00	88416.00		88416.00	451584.00
UGC BSR Start Up Grant SmtAishwaryaBaghel	540000.00 Cr		540000.00				540000.00
UGC Emirates Fellowship	2583.00 Dr		2583.00				2583.00
UGC Grant for Women Hostel, 10th Plan	1250000.00 Cr		1250000.00				1250000.00
UGC Infrastructure Grant for Biotechnology	907342.00 Cr		907342.00				907342.00
UGC Infrastructure Grant for Pharmacy	2000000.00 Cr		2000000.00	512516.00		512516.00	1487484.00
UGC Instrumentation Maintaince Facility Fin. Asst.	78350.00 Cr		78350.00				78350.00
UGC JRF Fellow. Grant	618921.00 Cr		618921.00	394534.00		394534.00	224387.00
U.G.C. JRF Fellowship	80360.00 Cr	1465200.00	1545560.00	493093.00		493093.00	1052467.00
U.G.C. JRF Fellowship (Biotechnology)	85000.00 Cr		85000.00	89000.00		89000.00	-4000.00
UGC JRF Grant -Ritesh Jain	160215.00 Cr		160215.00				160215.00
UGC Life Long Learning & Ext. Fin. Asst.	870000.00 Cr		870000.00				870000.00
UGC MRP Dr. Artisrivastava		627800.00	627800.00	28000.00		28000.00	599800.00
UGC MRP DrAsamanjaChattoraj	452300.00 Cr		452300.00				452300.00
UGC MRP(Dr. BhuminathTripathi)	21613.00 Cr		21613.00				21613.00
UGC MRP(Dr.B.N.Tiwary)	11628.00 Cr	495840.00	507468.00	32000.00		32000.00	475468.00
UGC MRP Dr. Dilipkumar Pal		969800.00	969800.00	740956.00		740956.00	228844.00
UGC MRP(Dr. Harish Rajak)	45942.75 Dr		45942.75	92151.00		92151.00	-46208.25
UGC MRP DrHaritJha	537418.00 Cr	7328.00	544746.00	481007.00		481007.00	63739.00
UGC MRP (Dr. H S Hota)	115000.00 Cr		115000.00	23031.00		23031.00	91969.00
UGC MRP (Dr H S Tewari)	1029800.00 Cr		1029800.00	692000.00		692000.00	337800.00
UGC MRPD. Krishna Kumar Chandra		885800.00	885800.00	12027.00		12027.00	873773.00





Particulars	Opening Balance as on 01/04/2013	Grant/Fund Received during the year	Total Fund Available during the year	Expenditure during the year	Refund	Total Expenditure	Balance as on 31 March 2014
UGC MRp (Dr.MadhvendraNathTripathi)	250000.00 Cr		250000.00				250000.00
UGC MRP Dr.Manoj Kumar Dubey		929800.00	929800.00				929800.00
UGC MRP Dr.Manorama		926800.00	926800.00	74089.00		74089.00	852711.00
UgcMrpDr Monika Bhaduria		896800.00	896800.00	491059.00		491059.00	405741.00
UgcMrpDrMukesh Kumar Singh		892000.00	892000.00				892000.00
UGC MRP (Dr. P K Bajpai)	982300.00 Cr		982300.00	33685.00		33685.00	948615.00
UGC MRP DR. P.P. Murthy	655600.00 Cr		655600.00				655600.00
UGC MRP (Dr. Pradeep Kumar Samal)	209000.00 Cr		209000.00	54586.00		54586.00	154414.00
UGC MRP (DR Rakesh Kumar Pandey)	579000.00 Cr		579000.00	395709.00		395709.00	183291.00
UGC MRP(Dr Ravi ShankerPandey)	291743.00 Cr		291743.00	222417.00		222417.00	69326.00
UGC MRP DrSambitPadhi	4974.00 Cr	50000.00	54974.00	37991.00		37991.00	16983.00
UGC MRP(Dr. Sanjay Kumar Lanjhiyana)	413564.00 Cr		413564.00	431271.00		431271.00	-17707.00
UGC MRP DrSantosh Kumar Prajapati	424010.00 Cr		424010.00	209999.00		209999.00	214011.00
UgcMrpDrSatendra Kumar Nirala		891200.00	891200.00	72529.00		72529.00	818671.00
UGC MRP DrSatyaShila Singh	731800.00 Cr		731800.00	98458.00		98458.00	633342.00
UGC MRP (Dr. SeemaRai)	594355.00 Cr		594355.00	391164.00		391164.00	203191.00
UGC MRP Dr. Shailendra Kumar		1082800.00	1082800.00				1082800.00
UGC MRP Dr. Soma Das		814300.00	814300.00	8400.00		8400.00	805900.00
UGC MRP Dr. Vinod D. Rangari		871800.00	871800.00	537624.00		537624.00	334176.00
UGC MRP (Dr V.K. Rai)	71944.00 Cr		71944.00	67165.00		67165.00	4779.00
UgcMrpMsAlkaEkka	62500.00 Cr		62500.00				62500.00
UGC MRP Prof SN Saha	858882.00 Cr		858882.00	565000.00		565000.00	293882.00
UGC MRP Project (Dr. Harish Kumar)	164094.00 Cr		164094.00	162878.00		162878.00	1216.00
Ugc M R P Project(DrManishaDubey)	357889.00 Cr		357889.00	357889.00		357889.00	0.00
UGC Net Coaching for Sc/St Students	696000.00 Cr		696000.00				696000.00
UGC NET Coaching Grant	673715.00 Cr		673715.00				673715.00
UGC NET Exam December 2013		1000000.00	1000000.00	133925.00		133925.00	866075.00
UGC One Time Grant for Merged Scheme	5459450.00 Cr		5459450.00				5459450.00
UGC SAP DRS-I (Pharmaceutical Science)		447400.00	447400.00				447400.00
UGC SAP Physics	5900000.00 Cr		5900000.00	1196562.00		1196562.00	4703438.00
UGC Start Up (Dr Manish Kumar Gupta)		600000.00	600000.00				600000.00
UGC Startup Grant (Dr. BhaskarChaurasia)		600000.00	600000.00				600000.00
Women Edu. Devp. Centre Fin. Asst.	1713520.00 Cr		1713520.00				1713520.00
Grand Total	85953062.50 Cr	125213101.57	211166164.07	58406810.00		58406810.00	152759354.07

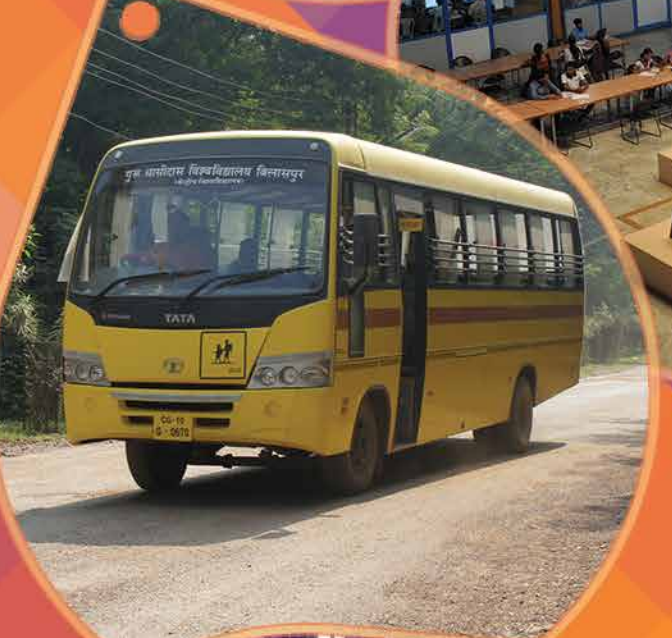


## 4.4 RECEIPTS &amp; PAYMENTS A/C

(For 01-04-2013 to 31-03-2014)

Receipts	Amount (in Lac)	Payments	Amount (in Lac)
Opening Balance	1224.64	Current Liabilities & Provision	944.910
Corpus/Capital Fund	12.46	Fixed Assets	194.02
Current Liabilities & Provision	1629.88	Investments	13209.22
Fixed Assets	14.90	Current Assets	2077.79
Investments	12335.82	Indirect Incomes	1.35
Current Assets	1708.99	Administrative Expenses (Common Services & Exp.)	586.69
Indirect Incomes	45.83	Advance for Conduction of Examination	2.68
Administrative Expenses (Common Services & Exp.)	13.13	Advances to Departments & Staff for Misc. Purpose	110.64
Advance for Conduction of Examination	10.71	Advances to Outside Agencies/parties	72.48
Advances to Departments & Staff for Misc. Purpose	39.73	Distance Education Exp.	3.78
Advances to Outside Agencies/parties	26.38	Endowment / Earmarked Funds	4247.02
Endowment / Earmarked Funds	5738.90	Engineering Recurring Exp.	34.79
Establishment Expenses	32.28	Establishment Expenses	2672.10
Fees and Subscription	937.22	Examination Expenditure	56.23
Income Form Investment	66.58	Fees and Subscription	.95
Interest Earned	391.20	Guest House Recurring Exp.	14.38
Misc. Income	57.74	Health Centre Expenses	6.22
Non Plan Grants	2440.62	Hostel (Boys & Girls) Recurring Exp.	18.01
Teaching Department's & Academic Expenses	8.46	Library Recurring Exp.	2.20
		Misc. Income	15.19
		Physical Education Expenses	15.05
		Student Welfare Expenses	.73
		Teaching Department's & Academic Expenses	151.68
		Closing Balance	2297.37
<b>Total</b>	<b>26735.50</b>		<b>26735.50</b>





# STUDENTS STRENGTH AND FACILITIES

## 5. STUDENTS STRENGTH & FACILITIES

### 5.1 STUDENTS STRENGTH

#### 5.1.1 TOTAL STUDENTS

	Boys	Girls	Total
University Teaching Departments	3713	2245	5958

#### 5.1.2 NEW ENROLLMENTS

	Boys	Girls	Total
University Teaching Departments	1789	1146	2935

#### 5.1.3 STUDENTS STRENGTH IN UNIVERSITY TEACHING DEPARTMENTS

Department	Course	Intake	TOTAL		SC		ST		OBC		GEN		Minority		Physi. Handi.	
			Total	F	Total	F	Total	F	Total	F	Total	F	Total	F		
English & Foreign Languages	Inte. UG/PG in English I Sem.	60	14	9	1	0	3	1	3	1	7	7	0	0	0	0
	Inte. UG/PG in English III Sem.	60	9	8	2	2	0	0	1	1	6	5	0	0	0	0
	Inte. UG/PG in English V Sem.	60	4	2	0	0	0	0	2	1	2	1	0	0	0	0
	Diploma in French Language	60	38	13	1	0	3	0	7	0	27	13	0	0	0	0
	M.A. in English I Sem.	60	15	5	1	0	0	0	4	1	10	4	0	0	0	0
	M.A. in English III Sem.	30	33	13	2	1	2	1	5	0	24	11	0	0	0	0
Hindi	Inte. UG/PG in Hindi I Sem.	60	11	3	4	1	0	0	3	1	3	0	1	1	0	0
	Inte. UG/PG in Hindi III Sem.	60	4	3	2	2	0	0	1	1	1	0	0	0	0	0
	Inte. UG/PG in Hindi V Sem.	60	7	3	2	1	3	1	2	1	0	0	0	0	0	0
	M.A. in Hindi I Sem.	20	2	1	0	0	1	1	1	0	0	0	0	0	0	0
	M.A. in Hindi III Sem.	20	4	1	1	0	0	0	1	0	2	1	0	0	0	0
Library & I.Sc.	Inte. UG/PG in Library & I.Sc. I Sem.	60	2	0	1	0	0	0	1	0	0	0	0	0	0	0
	Inte. UG/PG in Library & I.Sc. III Sem.	60	3	2	0	0	1	1	0	0	1	0	1	1	0	0



Department	Course	Intake	TOTAL		SC		ST		OBC		GEN		Minority		Physi. Handi.	
			Total	F	Total	F	Total	F	Total	F	Total	F	Total	F	Total	F
	Inte. UG/PG in Library & I.Sc. V Sem.	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Inte. UG/PG in Library & I.Sc. VII Sem.	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Inte. UG/PG in Library & I.Sc. I X Sem.	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	B. Lib. & I.Sc I Sem.	60	51	17	25	8	9	1	13	5	1	1	2	2	1	0
	M. Lib. & Inf. Sc. I Sem.	50	36	18	11	0	6	3	12	9	6	5	1	1	0	0
Journalism & MC	Inte. UG/PG in Journalism & MC I Sem.	60	16	4	4	1	2	0	2	1	8	2	0	0	0	0
	Inte. UG/PG in Journalism & MC III Sem.	30	13	8	1	0	0	0	4	2	8	6	0	0	0	0
	Inte. UG/PG in Journalism & MC V Sem.	30	13	3	3	1	0	0	4	0	6	2	0	0	0	0
	Inte. UG/PG in Journalism & MC VII Sem.	30	3	3	0	0	0	0	0	0	3	3	0	0	0	0
	MMCJ I Sem.	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	MMCJ III Sem.	30	13	6	2	1	1	0	2	0	8	5	0	0	0	0
Economics	Inte. UG/PG in Economics I Sem.	60	19	3	5	1	5	0	7	2	2	0	0	0	0	0
	Inte. UG/PG in Economics III Sem.	60	22	7	1	1	9	2	6	0	6	4	0	0	0	0
	Inte. UG/PG in Economics V Sem.	30	10	7	1	1	1	1	4	2	4	3	0	0	0	0
	M.A. in Economics I Sem.	30	7	2	2	1	0	0	3	0	2	1	0	0	0	0
	M.A. in Economics III Sem.	30	11	7	2	0	1	1	4	2	4	4	0	0	0	0



Department	Course	Intake	TOTAL		SC		ST		OBC		GEN		Minority		Physi. Handi.	
			Total	F	Total	F	Total	F	Total	F	Total	F	Total	F		
History	Inte. UG/PG in History I Sem.	60	18	4	3	1	8	1	4	1	3	1	0	0	0	0
	Inte. UG/PG in History III Sem.	60	15	8	6	2	3	1	2	2	4	3	0	0	0	0
	Inte. UG/PG in History V Sem.	60	8	5	3	2	1	1	1	0	3	2	0	0	0	0
	M.A. in History I Sem.	25	3	2	0	0	0	0	1	0	2	2	0	0	0	0
	M.A. in History III Sem.	25	3	1	0	0	0	0	1	0	2	1	0	0	0	0
Pol. Science	Inte. UG/PG in Pol. Sc. I Sem.	60	26	11	5	2	3	2	8	2	10	5	0	0	0	0
	Inte. UG/PG in Pol. Sc. III Sem.	60	15	5	6	2	5	2	4	1	0	0	0	0	0	0
	Inte. UG/PG in Pol. Sc. V Sem.	60	9	3	3	1	1	1	2	1	3	0	0	0	0	0
	Inte. UG/PG in Pol. Sc. V II Sem.	25	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	M.A. in Pol Sc. III Sem.	25	2	1	1	0	0	0	1	1	0	0	0	0	0	0
	M.A. in Pub. Adminis. I Sem.	25	6	2	0	0	2	0	2	0	2	2	0	0	0	0
	M.A. in Pub. Adminis. III Sem.	25	2	0	0	0	1	0	0	0	1	0	0	0	0	0
Social Work	Inte. UG/PG in social work I Sem.	30	7	4	0	0	1	1	3	2	2	1	1	0	0	0
	MSW I Sem.	60	37	9	5	0	5	2	17	6	8	1	2	0	0	0
	MSW III Sem.	60	24	12	5	2	3	2	9	4	5	3	2	1	0	0
Education	B.Ed.	100	100	15	18	1	8	5	43	4	31	5	0	0	0	0
	SPL B.Ed. (learning, Hearing)	50	50	16	14	8	5	2	21	2	10	4	0	0	0	0
	M.Ed.	35	35	7	6	1	3	1	18	3	8	2	0	0	0	0
Commerce	Inte. UG/PG in Commerce I Sem.	500	438	212	59	23	59	16	78	42	216	121	26	10	0	0
	Inte. UG/PG in Commerce III Sem.	500	248	128	28	14	32	15	48	29	138	70	2	0	0	0



Department	Course	Intake	TOTAL		SC		ST		OBC		GEN		Minority		Physi. Handi.	
			Total	F	Total	F	Total	F	Total	F	Total	F	Total	F		
	Inte. UG/PG in Commerce V Sem.	300	161	88	17	7	11	7	25	11	107	62	1	1	0	0
	M.Com I Sem.	75	49	28	8	1	13	8	12	9	16	10	0	0	0	0
	M.Com. III Sem.	75	34	26	1	1	9	5	9	7	15	13	-	-	-	-
Management Studies	M.B.A. I Sem.	60	60	36	5	2	5	2	20	9	25	19	5	4	0	0
	M.B.A. III Sem.	60	44	23	3	1	3	0	12	6	26	16	0	0	0	0
Anthropology	Inte. UG/PG in Anthropology I Sem.	60	16	8	3	2	6	2	4	1	3	3	0	0	0	0
	Inte. UG/PG in Anthropology III Sem.	60	1	1	1	1	0	0	0	0	0	0	0	0	0	0
	Inte. UG/PG in Anthropology V Sem.	30	5	2	1	1	1	1	0	0	3	0	0	0	0	0
	M.A./M.Sc. in Anthropology I Sem.	40	3	3	1	1	2	2	0	0	0	0	0	0	0	0
	M.A./M.Sc in Anthropology III Sem.	40	2	1	1	1	1	0	0	0	0	0	0	0	0	0
Biotechnology	Inte. UG/PG in Biotechnology I Sem.	60	59	35	11	3	9	3	15	12	22	15	2	2	0	0
	Inte. UG/PG in Biotechnology III Sem.	60	48	33	9	5	10	6	7	5	20	15	2	2	0	0
	Inte. UG/PG in Biotechnology V Sem.	60	37	26	4	2	8	7	8	4	11	8	6	5	0	0
	M.Sc. in Biotechnology I Sem.	60	27	19	1	0	5	3	8	5	12	10	1	1	0	0
	M.Sc. in Biotechnology III Sem.	60	56	38	6	3	13	10	23	12	6	5	8	8	0	0
Botany	Inte. UG/PG in Botany I Sem.	60	44	32	8	7	14	8	13	11	8	5	0	0	1	1
	Inte. UG/PG in Botany III Sem.	60	10	7	1	1	4	2	0	0	5	4	0	0	0	0
	Inte. UG/PG in Botany V Sem.	60	3	3	0	0	1	1	2	2	0	0	0	0	0	0
	Inte. UG/PG in Botany VII Sem.	60	2	2	0	0	0	0	0	0	2	2	0	0	0	0
	M.Sc. in Botany I Sem.	40	6	4	0	0	0	0	0	0	6	4	0	0	0	0



Department	Course	Intake	TOTAL		SC		ST		OBC		GEN		Minority		Physi. Handi.	
			Total	F	Total	F	Total	F	Total	F	Total	F	Total	F		
	M.Sc. in Botany III Sem.	40	37	27	2	2	12	10	17	12	6	3	0	0	0	0
Zoology	Inte. UG/PG in Zoology I Sem.	60	45	24	13	8	11	4	14	8	6	4	0	0	1	0
	Inte. UG/PG in Zoology II Sem.	60	15	7	3	2	2	1	5	1	5	3	0	0	0	0
	Inte. UG/PG in Zoology V Sem.	60	11	10	1	1	2	2	4	4	4	3	0	0	0	0
	M.Sc. in Zoology I Sem.	40	13	3	3	0	1	0	5	3	4	0	0	0	0	0
	M.Sc. in Zoology II Sem.	40	21	9	5	0	2	1	8	5	6	3	0	0	0	0
CSIT	Inte. UG/PG in Com. Sc. I Sem.	60	67	37	11	7	8	2	29	17	12	4	6	6	1	1
	Inte. UG/PG in Com. Sc. III Sem.	60	37	23	1	0	4	3	13	6	16	11	3	3	0	0
	Inte. UG/PG in Com. Sc. V Sem.	60	29	16	3	3	3	0	5	2	17	11	1	0	0	0
	M.C.A.+MSc. I Sem.	120	120	58	23	8	4	1	48	24	41	22	4	3	0	0
	M.C.A. + Msc. III Sem.	120	106	44	10	2	6	2	37	17	48	23	3	0	2	0
	M.C.A.+Msc. V Sem.	60	58	23	13	3	2	2	32	13	9	5	1	0	1	0
Chemistry	Inte. UG/PG in Chemistry I Sem.	60	59	28	4	0	5	3	25	12	25	13	0	0	0	0
	Inte. UG/PG in Chemistry III Sem.	60	20	12	0	0	0	0	7	4	13	8	0	0	0	0
	Inte. UG/PG in Chemistry V Sem.	60	17	7	3	1	1	0	9	4	4	2	0	0	0	0
	M.Sc. in Chemistry I Sem.	60	58	16	5	1	0	0	9	3	44	12	0	0	0	0
	M.Sc. in Chemistry III Sem.	60	48	13	8	3	0	0	20	5	20	5	0	0	0	0
Forestry	B.Sc. (Forestry) I Sem.	60	56	16	9	1	5	2	16	4	26	9	0	0	0	0
	B.Sc. (Forestry) III Sem.	60	34	12	2	0	8	1	11	4	13	7	0	0	0	0
	B.Sc. (Forestry) V Sem.	60	17	5	5	0	3	0	3	1	6	4	0	0	0	0





Department	Course	Intake	TOTAL		SC		ST		OBC		GEN		Minority		Physi. Handi.	
			Total	F	Total	F	Total	F	Total	F	Total	F	Total	F	Total	F
	B.Sc. (Forestry) VII Sem.	60	12	8	2	1	0	0	0	0	10	7	0	0	0	0
	M.Sc. (Forestry) I Sem.	60	14	10	1	0	3	1	6	5	4	4	0	0	0	0
	M.Sc. (Forestry) III Sem.	60	24	13	2	2	11	5	9	4	2	2	0	0	0	0
Mathematics	Inte. UG/PG in Math I Sem.	60	62	34	12	9	9	4	28	12	10	7	3	2	0	0
	Inte. UG/PG in Math III Sem.	60	47	27	5	2	4	3	18	9	17	12	3	1	0	0
	Inte. UG/PG in Math V Sem.	60	26	9	5	0	2	1	10	3	9	5	0	0	0	0
	M.Sc. in Math I Sem.	120	60	28	1	0	4	3	17	5	36	19	2	1	0	0
	M.Sc. in Math III Sem.	120	56	24	2	1	0	0	14	7	36	15	4	1	0	0
Physics	Inte. UG/PG in Physics I Sem.	60	60	29	3	0	6	3	25	14	24	11	0	0	2	1
	Inte. UG/PG in Physics III Sem.	60	41	12	3	0	1	0	18	2	19	10	-		0	0
	Inte. UG/PG in Physics V Sem.	60	23	16	3	3	1	0	5	2	14	11	0	0	0	0
	M.Sc. in Physics I Sem.	60	58	11	3	0	1	0	8	3	41	8	5	0	0	0
	M.Sc. in Physics III Sem.	60	44	12	2	0	1	0	13	4	26	8	2	0	0	0
Electronics	Inte. UG/PG in Electronics I Sem.	60	60	27	6	2	2	1	20	8	32	16	0	0	0	0
	Inte. UG/PG in Electronics III Sem.	60	26	14	2	1	3	1	6	1	15	11	0	0	0	0
	Inte. UG/PG in Electronics V Sem.	60	4	4	0	0	0	0	1	1	3	3	0	0	0	0
	M.Sc. in Electronics I Sem.	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	M.Sc. in Electronics III Sem.	60	3	2	0	0	0	0	0	0	3	2	0	0	0	0
Rural Technology	Inte. UG/PG in Rural Technology I Sem.	60	58	20	9	3	5	3	16	4	25	8	3	2	0	0
	Inte. UG/PG in Rural Technology III Sem.	60	37	11	7	1	8	1	14	4	8	5	0	0	0	0



Department	Course	Intake	TOTAL		SC		ST		OBC		GEN		Minority		Physi. Handi.	
			Total	F	Total	F	Total	F	Total	F	Total	F	Total	F	Total	F
	Inte. UG/ PG in Rural Technology V Sem.	60	17	3	3	1	4	0	5	1	5	1	0	0	0	0
	M.Sc. in Rural Technology I Sem.	60	11	2	1	0	3	1	5	0	2	1	0	0	0	0
	M.Sc. in Rural Technology III Sem.	60	23	11	6	4	2	0	11	4	4	3	0	0	0	0
Pharmacy	B. Pharm. I Sem.	60	60	23	10	3	4	0	16	5	30	15	0	0	0	0
	B. Pharm. III Sem.	60	58	23	7	3	4	2	19	8	28	10	0	0	0	0
	B. Pharm. V Sem.	60	61	19	13	7	1	1	22	5	24	6	0	0	1	0
	B. Pharm. VII Sem.	60	70	25	12	4	3	2	23	4	31	15	0	0	1	0
	M.Pharm.- I Sem.	36	32	16	2	1	1	1	10	6	15	6	4	2	0	0
	M.Pharm.- III Sem.	36	21	10	1	0	0	0	6	1	12	9	2	0	0	0
	D. Pharm. I Sem.	60	60	19	16	6	9	2	30	7	4	4	1	0	0	0
	D. Pharm. III Sem.	60	43	13	4	0	3	0	21	6	13	6	2	1	0	0
	Institute of Technology															
Chemical Engineering	B. Tech. I Sem.	60	48	13	6	1	3	2	23	7	16	3	0	0	0	0
	B. Tech. III Sem.	60	44	6	8	1	4	0	12	3	18	1	1	1	1	0
	B. Tech. V Sem.	60	39	5	9	3	1	0	17	2	12	0	0	0	0	0
	B. Tech. VII Sem.	60	45	5	5	0	3	0	15	1	21	4	0	0	1	0
Civil Engineering	B. Tech. I Sem.	40	35	4	6	1	2	0	17	2	10	1	0	0	0	0
	B. Tech. III Sem.	40	39	2	6	0	3	1	8	0	21	1	0	0	1	0
	B. Tech. V Sem.	40	39	0	6	0	3	0	2	0	24	0	4	0	0	0
	B. Tech. VII Sem.	40	37	1	7	0	3	0	2	0	24	1	1	0	0	0
Com. Sc. Engineering	B. Tech. I Sem.	60	49	11	8	3	4	1	18	4	18	3	0	0	1	0
	B. Tech. III Sem.	60	58	13	8	3	4	1	14	2	30	7	2	0	0	0
	B. Tech. V Sem.	60	51	11	7	3	3	1	2	1	36	6	2	0	1	0
	B. Tech. VII Sem.	60	45	6	4	2	0	0	7	0	33	4	1	0	0	0
Electronics & com. Engineering	B. Tech. I Sem.	60	57	14	9	2	5	1	20	7	22	4	0	0	1	0



Department	Course	Intake	TOTAL		SC		ST		OBC		GEN		Minority		Physi. Handi.	
			Total	F	Total	F	Total	F	Total	F	Total	F	Total	F		
	B. Tech. III Sem.	60	58	12	9	2	5	2	11	2	31	6	1	0	1	0
	B. Tech. V Sem.	60	46	7	7	1	1	0	6	1	30	5	1	0	1	0
	B. Tech. VII Sem.	60	45	4	5	1	2	0	8	0	30	3	0	0	0	0
Industrial & Prod. Engineering	B. Tech. I Sem.	60	53	6	9	1	3	1	24	2	17	2	0	0	0	0
	B. Tech. III Sem.	60	46	1	6	0	2	0	16	1	20	0	1	0	1	0
	B. Tech. V Sem.	60	38	3	7	1	1	0	17	0	10	2	2	0	1	0
	B. Tech. VII Sem.	60	49	6	2	0	3	2	13	0	27	4	2	0	2	0
Information Technology	B. Tech. I Sem.	60	46	11	7	3	3	0	16	2	19	6	0	0	1	0
	B. Tech. III Sem.	60	45	15	6	2	3	2	11	3	22	8	1	0	2	0
	B. Tech. V Sem.	60	37	3	5	0	0	0	12	2	15	1	4	0	1	0
	B. Tech. VII Sem.	60	40	9	4	2	2	0	9	2	23	5	2	0	0	0
Mechanical Engineering	B. Tech. I Sem.	60	50	4	7	1	3	1	22	1	18	1	0	0	0	0
	B. Tech. III Sem.	60	60	2	10	1	5	0	5	0	38	1	1	0	1	0
	B. Tech. V Sem.	60	51	3	7	0	3	1	8	0	33	2	0	0	0	0
	B. Tech. VII Sem.	60	46	0	3	0	2	0	8	0	32	0	1	0	0	0
	M. Tech. I Sem.	18	18	1	3	0	1	0	10	0	4	1	0	0	0	0
	M. Tech. III Sem.	14	14	0	2	0	0	0	9	0	3	0	0	0	0	0
Physical Education	B.P. Ed. I Sem.	50	42	6	15	0	7	1	9	1	11	4	0	0	0	0
	M.P.Ed. I Sem.	40	40	5	9	2	3	1	16	0	12	2	0	0	0	0
	M.P.Ed. III Sem.	40	24	3	2	0	2	0	13	2	7	1	0	0	0	0
Forensic Science	Inte. UG/PG in ForensicSci. I Sem.	30	27	14	6	3	3	2	13	5	5	4	0	0	0	0
	Inte. UG/PG in Forensic Sci. III Sem	30	18	9	3	1	4	1	7	4	4	3	0	0	0	0
	M.Sc. in Forensic Sci I Sem.	20	20	12	1	1	5	2	6	2	8	7	0	0	0	0
Law	Inte.B.A. LL.B. I Sem.	60	53	27	8	4	1	1	10	5	34	17	0	0	0	0
	Inte.B.A. LL.B. II Sem.	60	27	8	3	0	0	0	5	1	19	7	0	0	0	0
	Inte.B.Com.LL.B. I Sem.	60	45	21	0	0	2	1	4	1	39	19	0	0	0	0
	Inte.B.Com. LL.B.II I Sem.	60	24	13	0	0	0	0	3	2	21	11	0	0	0	0

Note: All the colleges were de-affiliated from Academic Session 2013-14 from the University.



## 5.1.4 LIST OF PH.D STUDENTS IN VARIOUS DEPARTMENTS DURING THE SESSION

S. No.	DEPARTMENT	TOTAL			SC			ST			OBC			GEN		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Education	5	6	11	2	0	2	0	0	0	0	2	2	3	4	7
2	Physical Education	3	4	7	0	0	0	0	1	1	0	2	2	3	1	4
3	Pharmacy	20	8	28	2	0	2	0	1	1	10	3	13	8	4	12
4	Physics	3	4	7	0	0	0	0	1	1	0	2	2	3	1	4
5	Math	5	2	7	0	0	0	0	0	0	1	0	1	4	2	6
6	Zoology	4	2	6	1	0	1	0	0	0	1	0	1	2	2	4
7	Botany	2	9	11	1	1	2	0	1	1	0	1	1	1	6	7
8	Chemistry	8	3	11	1	0	1	0	0	0	3	0	3	4	3	7
9	Biotechnology	5	11	16	2	2	4	0	1	1	1	4	5	2	4	6
10	Computer Science	3	1	4	0	0	0	0	1	1	1	0	1	2	0	2
11	Management	17	5	22	3	1	4	1	1	2	5	0	5	8	3	11
12	Commerce	1	1	2	0	0	0	0	0	0	0	1	1	1	0	1
13	Rural Technology	4	1	5	1	0	1	0	0	0	2	0	2	1	1	2
14	Forestry	5	2	7	1	0	1	0	1	1	0	0	0	4	1	5
15	Political Science	5	0	5	1	0	1	0	0	0	2	0	2	2	0	2
16	History	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
17	Economics	7	7	14	1	2	3	0	1	1	3	3	6	3	1	4
18	Hindi	3	3	6	1	0	1	0	0	0	2	1	3	0	2	2
19	English	7	6	13	0	1	1	0	0	0	2	3	5	5	2	7
20	Library Science	3	0	3	0	0	0	1	0	1	1	0	1	1	0	1
21	Social Work	8	0	8	2	0	2	1	0	1	3	0	3	2	0	2
22	Civil Engg.	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
23	Com.Sc. &Engg.	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0
24	Electronics &Com. Engg.	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1
<b>Total</b>		<b>122</b>	<b>75</b>	<b>197</b>	<b>20</b>	<b>7</b>	<b>27</b>	<b>3</b>	<b>9</b>	<b>12</b>	<b>37</b>	<b>22</b>	<b>59</b>	<b>62</b>	<b>37</b>	<b>99</b>

## 5.2 RESULTS, DEGREES AND DIPLOMAS

## 5.2.1 RESULTS

Total		Appeared		Passed	
Boys	Girls	Boys	Girls	Boys	Girls
994	680	994	680	994	680

## 5.2.2 DEGREES AND DIPLOMAS AWARDED

- School of Studies in Arts

UG	PG	M.Phil	Diploma
24	134	-	-



- School of Studies in Law

UG	PG	M.Phil	Diploma
-	-	-	-

- School of Studies in Engineering & Technology

UG	PG	M.Phil	Diploma
285	06	-	-

- School of Studies in Life Sciences

UG	PG	M. Phil.	Diploma
68	134	-	-

- School of Studies in Management and Commerce

UG	PG	M. Phil	Diploma
161	78	-	-

- School of Mathematical and Computational Sciences

UG	PG	M. Phil.	Diploma
55	161	-	-

- School of Studies in Natural Resources

UG	PG	M. Phil.	Diploma
29+63	46+21	-	43

- School of Studies in Physical Sciences

UG	PG	M. Phil.	Diploma
68	95	-	-

- School of Studies in Social Sciences

UG	PG	M. Phil.	Diploma
27	203	-	-

### 5.2.3 PH.D. AWARDED DURING THE YEAR 2013-14

S. No.	Research Scholar	Guide	Subject/ Faculty	Title	Notification No./Date
1	Md.Saleem Khan Khokhar	Dr. Lalit Prakash Pateriya	Commerce/ Management and Commerce	"Marketing Practices of News papers Published from Chhattisgarh State- An Analytical Study"	104/09.04.2013
2	Shri Anupam Kumar Tiwari	Dr. Rajendra Mehta	Rural Technology/ Natural Resources	"Investigation on Rare Indigenous Medicinal Plants of Some Selected Districts of Chhattisgarh"	104/09.04.2013



S. No.	Research Scholar	Guide	Subject/ Faculty	Title	Notification No./Date
3	Shri Rakesh Kumar Gupta	Dr. S. S. Dhuria	Botany/Life Science	"Studies on Germination Behaviour and Vegetative Propagation of Terminalia Arjuna and Terminalia Tomentosa"	300/04.05.2013
4	Shri Bethiyar Singh Sahu	Dr. Hemlata Mahishwar	Hindi/Arts	"A Sociological Study of Hindi Dalit Autobiographies"	499/29.05.2013
5	Shri Lalit Kumar Shukla	Dr. Kamla Prasad Pandey	Sanskrit / Arts	"Anand Ramayan Men Sanskar"	756/04.07.2013
6	Smt. Ravita Pathak	Dr. D. K. Shrivastava	Chemistry/ Physical Science	"Chemical Studies on Calorie and Nutrient Values of Some Seeds"	756/04.07.2013
7	Ku.Kirti Sharma	Dr. J. P. sheohare	Geography/ Physical Science	"Spatial distribution of Disabled Population in Chhattisgarh"	756/04.07.2013
8	Smt. Babita Kamlesh	Dr. Smt. Sadhna Khare	Sociology / Social Science	"Role of Panchayati Raj in Development of Tribal Women A Sociological Study with Special Reference to Rajgarh District"	800/16.07.2013
9	Ku.Nitu Gupta	Dr. D. K. Shrivastava	Chemistry/ Physical Science	"Chemical Examination of Some Wild Seeds with Special Reference to Fats and Proteins"	800/16.07.2013
10	Shri L.P.Miri	Dr. Y. N. Jha	Zoology /Life Science	"Limnological Studies of Bhagat Pond of Kharsia"	959/14.08.2013
11	Mojaffar Ahamad	Dr. P. L. Chandrakar	Geography/ Physical Science	"Cultural Changes in the Tribes of Korba District (C.G.) : A Geographical Analysis"	959/14.08.2013
12	Smt. Seema Yadav	Dr. D. K. Shrivastava	Botany / Life Science	"Physico-Chemical and Microbiological Analysis of Drinking Water in Bilaspur District of Chhattisgarh State"	998/27.08.2013
13	Shri Kamlesh Kumar Markam	Dr. L. N. Verma	Geography / Physical Science	"Spatial Distribution of Rural Settlement's in Kanker District (C.G.)"	998/27.08.2013



S. No.	Research Scholar	Guide	Subject/ Faculty	Title	Notification No./Date
14	Yogita Bajpai	Dr. Y. N. Jha	Zoology /Life Science	"Studies of Plasma Glucose Level in Humen Beings in Relation with Occupation, Body Mass Index in Ethnic Group and Dietary Habits"	998/27.08.2013
15	Shri Amit Kumar Pandey	Dr. Narendra Prasad Shukla	Sanskrit / Arts	"Shrimad Bhagwat Me Bhaktiyaga; Ek Shamikshatmak Adhyayan"	998/27.08.2013
16	Smt. Rita Diwan	Dr. K. B. Singh	Sociology/ Social Science	"Political Awareness in Women and Women Empowerment A Sociological Study (with Special Reference to the Bilaspur Division)	1019/02.09.2013
17	Ku. Priti Pandey	Dr. S. A. Khan	Chemistry/ Physical Science	"Chemiluminescence Studies of Reaction Between Luminol and Organic Peroxide in Presence of Some NSAID"	1102/13.09.2013
18	Smt. Kajal Moitra	Dr. A.K. Sinha	Geography / Physical Science	"Disparities of Transport Network in Chhattisgarh State : A Geographical Analysis"	1102/13.09.2013
19	Shri Debasis Chattopadhyay	Dr. (Mrs.) Savitri Tripathi	English/Arts	"Exploration of the self in Bhabani Bhattacharya's He who Rides a tiger"	1102/13.09.2013
20	Shri Yuvraj Singh Dangi	Dr. K.P. Namdeo	Pharmacy / Natural Resources	"Development and Characterization of Controlled Release Formulations of Itraconazole in Treatment of Candidiasis"	1104/13.09.2013
21	Shri Manishrai Mukta	Dr. G.A. Ghanshyam	English/Arts	"A Journey from Alienation to Assimilation in the Novels of Namita Gokhale : A Critical Study"	1563/02.12.2013



S. No.	Research Scholar	Guide	Subject/ Faculty	Title	Notification No./Date
22	Shabir Ahamad Bhat	Dr. S.C. Tiwari	Forestry/ Natural Resources	"Extraction pattern of Non Timber Forest Products and its effect on regeneration of important tree species in A chanakmar-Amarkantak biosphere Reserve"	1563/02.12.2013
23	Shri chandra Bhotla Ramkrishna Mohan	Dr. P.K. Bajpai	Physics/ Physical Science	"Development of Ba (Sr/Zr) TiO <sub>3</sub> Electronic Materials"	1563/02.12.2013
24	Ku. Saman Rahim	Dr. Rashmi Sao	Zoology /Life Science	"Morphological Studies of Some Parasitic Nematodes of Fishes of Bilaspur (C.G.)"	1563/02.12.2013
25	Ku. Prerna Soni	Dr. A.N. Bahadur	Botany/Life Science	"Studies on in vitro propagation of Withania somnifera (L.) Dunal. And Adhatoda vassica Nees. With reference to secondary metabolite production."	1620/11.12.2013
26	Smt. Anjali Roy	Dr. Manish Shrivastava	English/Arts	"Revolutionary Tendencies in the Poetry of Shelley and that of ' Nirala' : A Critical Study"	1620/11.12.2013
27	Smt. Chitra Dubey	Dr. U.N. Pandey	Geography/ Physical Science	"Levels of Agricultural Modernization in Bilaspur District : A Geographical Appraisal"	1620/11.12.2013
28	Shri Satyanarayan Tiwari	Dr. (Smt.) Seema Pandey / Dr. Pradeep Shukla	History / Social Science	"Samajik Jan-Jagriti-Pandit Rajendra Prasad Shukla Ka Ek Alochanatmak Anusheelan"	1620/11.12.2013
29	Mrs. Shruti Rathore	Dr. Alpana Ram	Pharmacy / Natural Resources	"Formulation And Evaluation Of Porous Microspheres Of Methotrexate, 5-Fluro Uracil And Doxorubicin: A Combination Therapy To Treatgastric Adenocarcinoma"	1639/ 16.12.2013





S. No.	Research Scholar	Guide	Subject/ Faculty	Title	Notification No./Date
30	Smt. Manju Gaikwad	Dr. K. B. Singh	Sociology/ Social Science	"Janjati Pariwaron Mein Swasthya Samasya Ek Tulnatmak Adhyayan (Chhattisgarh Rajya Ke Vishesh Sandarbha Mein"	1703/ 07.01.2014
31	Sushil Kumar Ekka	Dr. (Smt.) Sadhna Khare	Sociology / Social Science	"The Religion And Society Of The Oraon Tribes In Chhattisgarh State : A Sociological Study (with Special Reference To Jashpur And Raigarh District)"	1730/ 15.01.2014
32	Shabnam Khanam	Dr. Anil Kumar Sinha	Geography/ Physical Science	"Spatio-Temporal Pattern Of Fertility, Infant Mortality And Health Care System In Surguja District, Chhattisgarh State : A Geographical Analysis"	1730/ 15.01.2014
33	Girish Chandra Mishra	Dr. R. S. Kher	Physics / Physical Science	"Development of Borate Based Phosphors For Mechanoluminescence And Lyoluminescence Radiation Dosimetry"	1730/ 15.01.2014
34	Rohit Kumar Bargah	Dr. (Ku.) Chinmoyee Das	Chemistry / Physical Science	"Novel Drug Potentials From Moringa Pterygosperma"	1730/ 15.01.2014
35	Smt. Nidhi Gupta	Dr. Brajesh Tiwari	Library & Information Science / Arts	"Information Use Pattern and Need of Judicairy in Chhattisgarh : A Study"	1730/ 15.01.2014
36	Salim Kispotta	Dr. (Smt.) Seema Pandey	History / Social Science	"Oraon Janjati Ka Sanskritik Adhyayan Prarambh Se 2006 I. Tak (Jashpur, Sarguja Evam Raigarh Zile Ke Vishesh Sandarbh Men)"	1730/ 15.01.2014
37	Smt. Anuja Chouhan	Dr. A. S. Randive	Mathematics/ Mathematical and Computational Science	"Some Fixed Point Theorems in Generalized Metric Spaces"	1777/06.02.2014



S. No.	Research Scholar	Guide	Subject/ Faculty	Title	Notification No./Date
38	Ms. Indira Chaturvedi	Dr. Vinod Kumar Gupta	Zoology /Life Science	"Characterisation of Photochemically Formed Self-Sustaining Protocell-Like Supramolecular Assemblies in a Irradiated Sterilised Aqueous Mixture"	1777/06.02.2014
39	Shri Chandra Kumar Sahu	Dr. Smt. Sadhna Khare	Sociology/ Social Science	"The Role of Litrac Mission in the Women Empowerment (With Special Reference to Chhattisgarh State) A Sociological Study"	1821/14.02.2014
40	Shri Shekhar Verma	Dr. J. S. Dangi	Pharmacy / Natural Resources	"Dexelopment and Characterization Of Non Aqueous Microemulsions for Poorly Soluble Druge"	1923/05.03.2014
41	Shri Madhumay Das Gupta	Dr. D. P. Sahu	Mathematics/ Mathematical and Computational Science	"Convergence of Mappings And Fixed Point Theorems In Metric Spaces"	2032/26.03.2014
42	Shri Vinod Purushottam Khedikar	Dr. H. P. Agrawal	Botany/Life Science	Relationship Between Genetic Divergence And Heterosis For Yield And Yield Contributing Traits In Hybrid Rice (Oryza Sativa L.)	2032/26.03.2014

### 5.3 FACILITIES FOR THE STUDENTS

#### 5.3.1 DEAN STUDENTS WELFARE

DSW office disseminates relevant information to all the students and guardians as per their requirements throughout the year. This office ensures active participation of students by providing accurate information regarding various extra - curricular and cultural activities. This has been the prime concern of the DSW office to provide immediate solution to the problem of students in the university campus. presently, Prof S.V.S. Chauhan is bearing the post of DSW.

#### HONOR TO NET/GATE QUALIFIED STUDENTS

A felicitation function was organized in the Auditorium of the University on 30/04/2013 for students, who qualified 2014 NET/GATE exam and secured ranks under top 50 at all India level. Four students from our university secured such positions and were awarded a sum of Rs10000/- each, as a token of appreciation.

#### STUDENT UNION ELECTION

On the recommendation of Lyngdoh committee and provisions of GGV Student Council 2011, elections were conducted on 31st Aug 2013 for CR and on 01st sep 2013 for office bearers. DSW is the Ex-officio chairman of the students council. Council



meetings held at regular intervals and fruitful suggestions were processed and put up before patron/vice-chancellor. Free of cost blazers to all office bearers and at half cost to all executive members were provided from this office.

### OFFICE BEARERS

- |                   |              |
|-------------------|--------------|
| 1. President      | Ankit Singh  |
| 2. Vice President | Sapna Pandey |
| 3. Secretary      | Shally Paul  |
| 4. Vice Secretary | Waseem Akram |

### MEMBERS

Sl. No.	Name	Sl. No.	Name
1	A. Monish Raza	13	Nitish Kumar
2	Anjali Tiwari	14	Rajan Tiwari
3	Hemant Dewangan	15	Rashni Verma
4	Khushbu Agrawal	16	Veena Dubey
5	Deepchand Shukla	17	Sonali Upadhyay
6	Ajay Singh	18	Soma Debnath
7	Bhawna Mandloi	19	Sharma Gajanand Santosh Kumar
8	Aruna Devi	20	Satyapal Singh Rajput
9	Aditya Gaurav	21	Samridhi Tiwari
10	Meri Ekka	22	Rupam Kumar
11	Mohit Mishra	23	Hemant Narayandi
12	Nisha Bawra		

Dr. Laxman Chaturvedi blessed the oath ceremony of student union conducted in the Auditorium on 23rd September 2013 as the chief guest.

### Teachers' day Celebration

Teacher's day was celebrated on 5th September 2013 on the birthday of Dr. Sarvapalli Radhakrishnan. To commemorate him on this occasion a speech competition was conducted in the university. Dr. L.Chaturvedi V.C. GGV as chief guest and Special guests Dr. G.D. Sharma V.C., Bilaspur university and Prof. V.K. Mishra.

Subject "GATEWAYS AND PITFALLS OF THE CLASSROOM TEACHING".

### Given below is the result of the competition

Rank	Name	Class	Department	School of Studies
First	Ku. Namrta Vaishnav	Bsc 1st Sem	Biotechnology	Life science
Second	Aditi Singh	B.com 3rd Sem	Commerce	Commerce and Management
Third	Rajan Tiari	BA 5th Sem	Political Science	Social Science

Participants were given certificates and cash prizes of rupees 2500 for first position followed by Rupees 2000 and Rupees 1500 for second and third positions respectively.



### Gandhi Jayanti

On the birthday of Mahatma Gandhi and Lal Bahadur Shastri on 2nd October 2013, a speech competition was organized amongst the students of the university. The subject of the speech was;

“World peace is possible through Gandhian ideology only”

Dr. Laxman Chaturvedi Vice Chancellor, Dr. M.S.K. Khokhar (PVC) and Prof S.V.S. Chauhan (DSW) offered a garland to the idol of Lal Bahadur Shastri in the premises of the Department of Management Studies.

### Given below is the result of the competition

Rank	Name	Class	Department	School of Studies
First	Ku. NamrtaVaishnav	Bsc 1st Sem	Biotechnology	life science
Second	D. Shaundarya	Bsc 1st Sem	Rural Technology	Natural resources
	HarjinderKaur	BA 3rd Sem	JMC	Art
Third	Vivek Kumar Tiwari	B.Tech 7th sem	Civil	Eng. and Technology

Participants were given certificates and cash prizes of rupees 2500 for first position followed by rupees 2000 and rupees 1500 for second and third positions respectively.

### National education day convention

The university organized a speech competition to celebrate National Education Day to commemorate the birthday of Maulana Abul Kalam Azad on 11th Nov, 2013 where the subject was “Science and Society”. A number of students participated and made the program successful. The result of this competition is as follows;

Rank	Name	Class	Department	School of Studies
First	Kiran Sahu	MCA 3rd Sem	CSIT	Math's and Comp.
Second	HarjinderKaur	BA 3rd Sem	JMC	Art
Third	Om Agnihotri	B.tech 7th Sem	Chemical Branch	Engg and Technology
Third	Vivek Kumar Tiwari	B.Tech 7th sem	Civil	Eng. and Technology

The competitors were given certificates, a book written by Maulana Abul Kalam Azad and cash prizes of rupees 2500, 2000 and 1500. Chief guest of this program was Padamshree Dr. R. Madhav Menon, Chancellor GGV and Dr. Laxman Chaturvedi Vice Chancellor GGV, Bilaspur was the chairman.

Scholarships under various categories were distributed amongst deserving students from the students welfare fund.

List of top scorers – Rupees 10000 per student (Category 1)

Rank	Name	Class	Department	School of Studies
1	Ku. Kalpna Kanwar	M.com 3rd Sem	Mathematics	Maths and Comp.
2	Ku. Sandhya	Bsc 7th Sem	Botany	Life Science
3	Ku. Nema Bhaumik	Msc 3rd Sem	Mathematics	Maths and Comp.
4	Ku. Jyoti Paikra	MA	History	Social Science
5	Dheeraj Saha	MA 3rd Sem	English	Art
6	Rupam Kumar Pal	Msc 3rd Sem	Physics	Physical science
7	Sonali Upadhyay	Btech 7th Sem	Civil Branch	Engg and Technology
8	Ku. Khusbu Agrawal	B.Pharm 7th Sem	Pharmacy	Natural Resource
9	Ashutosh Thakur	BA LLB 3rd Sem	Law	Law



List of students selected by different Departments for participation in sports at National level competition- Rupees 5000 per students (Category 2)

Rank	Name	Class	Department	School of Studies
1	Siukandar Patel	Mped 3rd Sem	Physical Education	Art
2	Apoorva Monal	Btech 7th Sem	Computer Science	Engg and Technology

List of Poor students selected by different schools – Full freeship of tuition fees (Category 4)

Rank	Name	Class	Department	School of Studies
1	Dharmendra Kumar	MA 1stSem	History	Social science
2	Pradeep Barman	MA 1stSem	Economics	Social Science

Tri cycle provided to physically handicapped student (Category 7) : None

### Guru Ghasidas Jayanti and Kul-Utsav

University organized various like Quiz, Debate and Essay writing on the occasion of Guru Ghasidas Jayanti and Kul-Utsav on 18th Dec 2013, where students of university participated enthusiastically to showcase their talents.

Subject for debate competition: - “Value based education should be an integral part of Higher Education curricula”

#### Results of the competition are as follows:

Rank	Name	Class	Department	School of Studies
1	Ku. Kiran Sahu	MCA 3rd Sem	CSIT	Maths and Comp.
2	Rajan Tiwari	BA 5th Sem	Political Science	Social Science

Subject for essay competition: “Human values and ideology of Guru Ghashidas Ji”

#### Result of competition are as follows:-

Rank	Name	Class	Department	School of Studies
1	Kumud Ranjan Mishra	BA 3rdsem	Hindi	Art
2	Rajan Tiwari	BA 5thsem	Political science	Social Science

#### PrashnManch : Results of competition are as follows:

Rank	Name	Class	Department	School of Studies
1	Om Kumar Agnihotri	Btech 4thsem	Chemical Branch	Eng and Technology
	Jitendra Tiwari	Btech 4thsem	Chemical Branch	Eng and Technology
2	Pratyush Ranjan	Btech 4thsem	IT	Eng and Technology
	Ajay Shankar	Btech 4thsem	IT	Eng and Technology

Certificates and prize money were distributed by the chief guest of the program Prof. BhuvneshSharma, Vice Chancellor, Maharshi Mahesh Yogi Vedic University, Bhopal and Chairman Dr. Laxman Chaturvedi, GGV, Bilaspur. Prof SVS chauhan, DSW and Dr. MSK khokar, Registrar were also present on the dias. Winners and Runner ups of debate, quiz and essay competitions were given cash prize of rupees 2500,2000 and rupees 1500 respectively to motivate them.



**Foundation day**

Fifth foundation day was grandly celebrated by Guru Ghasidas Kendriya Vishwavidyalaya on 15th January 2014 which lasted for a week under which various programs were organised from 12th January to 18th January like - NSS, Cultural festival, Blood donation Camp, inauguration of book bank, Sports activity, Guest speech, inauguration of foundation day, food stall, Model exhibition, Tarang Band, Geetsandhya by Vandna Vishwas, Cultural and literary exhibition. Winners of competitions in various genres were awarded certificates.

**Independence day and Republic Day**

Republic day and Independence day were celebrated in the university campus like every year. Pro Vice Chancellor addressed teachers, officers, employees and students after flag hosting. Sweets were distributed after the program. After the flag hosting on administrative building, Pro Vice Chancellor hosted flag in boys and girls hostel also. Besides, plantation was done in hostel and other premises.

**Students Insurance Scheme**

Insurance Scheme has been started keeping in mind the accidents of the students in the university in previous years. Under this, students of the university have been provided Medical insurance of Rupees one lac and Life insurance of Rupees Five lacs by Oriental Insurance company, Bilaspur on the premium of Rupees 380 per annum. 5668 students of the university were insured under this scheme.

**Railway Concession**

Besides local students, university also serves students of other parts of state and country. Railway concession is given to the students for educational tour on individual and group basis and to the students from different states for the journey to their home town in holidays as per academic calendar.

**Bus Facility**

This Department also plays a participatory role in bus facility (5- university buses) provided to students and employees for journey from Bilaspur city to university campus. City bus facility is also provided from railway station to university campus with the co-operation of district administration.

**Governance of literary and cultural activities**

Different cultural/ literary coordinators were nominated in all the schools of studies with the aim of providing appropriate opportunities to the students to show their literary and cultural talents besides educational activities. All coordinators timely organized different competitions under overall supervision of DSW.

**Student Recreation Center**

Student recreation center has been established on the first floor of auditorium for entertainment of students studying in university which comprises of very large sized TV, sound system, carom, chess, table tennis etc. University students entertain themselves here at fullest in their spare time.

**Techfest Equilibrio**

Techfest Equilibrio was held in auditorium and other Departments/premises from 22nd January 2014 to 24th January 2014 with the permission of honorable Vice Chancellor when requested by university students where students of Guru Ghasidas Vishwavidyalaya and other organizations participated. All participating students of the program were given certificates. The amount of rupees 1lac was given from student welfare scheme fund to this program coordinated by Dr. Soma das, Assistant professor.

All the Departments/ Cultural coordinators and Deans of School of Studies were informed about various competitions and information provided by state and national level organizations.

Apart from this, information about other organizations, admission, competition related other information, competitive exams and their results etc. is provided on notice board for the benefit of students.



In this perspective, Kiran Sahu M.Sc 3rd semester, CSIT Department, GGV represented this university in the inter-university speech competition organized by Shiksha Mandal Wardha in the memory of Kamal Nayan Bajaj from 10th January to 11th January, 2014 and glorified the university by securing 3rd position.

National Education Seminar was organized from 10th January to 11th January, 2014 by education Department of government of Gujarat under the banner of knowledge consortium of Gujarat. The teachers and students of the university who took participation are as follows:

### Alumni Club

Former alumni association of university conducted a meeting in Department of Management Studies on 6th January, 2014 where 32 students and 14 guardians participated. Dr. Vivek Bajpai and Dr. Ajay Shrivastav were nominated as chairman and secretary respectively by common consensus in the meeting. Dr. MSK Khokhar, Pro Vice Chancellor was the chief guest of the program.



**Swami Vivekanand Boys' Hostel**

### Distribution of applications

Department of student welfare had provided free application for revaluation, degree, duplicate copy of mark sheet, migration certificate, no dues forms and transfer certificate to the students studying in the university and their guardians which is transferred by the decision in examination Department.

### 5.3.2 PROCTORIAL BOARD

Guru Ghasidas Vishwavidyalaya, Bilaspur (Chhattisgarh) has adopted zero tolerance policies towards ragging like the other academic institutions of India. In the campus seniors take all care of the freshers' in all possible respects and welcome the warmth hearts. We at GGV learn to respect all individual and treat each other with humanity dignity.

The discipline is an essential and important aspect for the development of any institution. The Vishwavidyalaya has constituted a Proctorial Board that is duly approved by the Executive Council. The Proctorial Board assists the Vice-Chancellor in the exercise of his powers related to disciplinary actions. The members of the Proctorial Board are appointed by the E.C. amongst the Professors, Associate Professors in the manner as prescribed in the ordinance. For the maintenance of discipline and general conduct of the students in the campus, the members of the Proctorial Board take regular round within the campus. In case anybody or group is found indulged into unfair activities that are against the discipline, then necessary actions are taken against them.

To combat ragging and avoid any untoward incident in the University, discipline committees and anti-ragging committees have been constituted in all schools of the University. On any motion moved by the Department discipline committee, the board recommends suitable actions to be taken against those found guilty after a primary enquiry. Inside hostels, the administrative authorities appointed by the University, maintain the discipline and thus assist the Proctorial Board. Any matter found in violation of the rules is brought into notice of the board for further action. All students are required to submit an undertaking at the time of admission before the concerned head of Department to the effect that they will not get involved in any type of misconduct and will abide by the ragging rules. In case of any report obtained from anti ragging committee, the Proctorial Board conducts enquiry and recommends suitable punishments as per rules against those found guilty. With the assistance of Central Security System of the University, the Proctorial Board maintains the discipline and order during various celebrations like foundation day of Vishwavidyalaya, Chhattisgarh State foundation day, Guru Ghasidas Jayanti on 18th Dec., Convocations, Election of Student Council and other events/ activities where large gathering of students are common. In this Academic Session, the Proctorial Board has been distributed more than 6,000 Identity Cards to Students of the Vishwavidyalaya.





**Meditation classes**

4. UGC-Rajiv Gandhi Fellowship worth Rs. 475200.00
5. CSIR-Fellowship Rs. 475200.00
6. GATE-M.Tech Rs. 2067000.00
7. UGC/JRF fellowship Rs. 1228800.00
8. UGC-Non-Net /M.Phil/Ph.D fellowship Rs. 9757503.00

### 5.3.4 EQUAL OPPORTUNITY CELL

### 5.3.5 RESIDENTIAL FACILITIES

#### BOYS HOSTEL

Established in 1989, Swami Vivekanand Boys Hostel consists of 228 rooms, two common halls and one recreation hall. The hostel provides accommodation to 450 students (Gen.-217, SC-55, ST-35, OBC-143, PWD-04). The hostel strictly follows a reservation policy for the allotment of rooms.

Three separate mess facilities are available for students on cooperative basis. The dining hall has been renovated and provided with air-cooling facility. Facilities such as cycle/motor cycle stand, reading room, common-hall, recreation hall, and Sport facilities like table tennis, carom board, badminton are also available. Four water coolers, each equipped with water filter devices, are available at convenient locations.

One new boys' hostel (make-shift) "Type II/IV Boys Hostel" located at new campus was established in 2012, with in-house capacity of 216 students. (Gen.-77, SC-29, ST-13, OBC-97, PWD-02). This Hostel is specially for B.Tech. 1st year students. One mess facility is available for students on cooperative basis. Facilities such as cycle/motor cycle stand, reading room, common-hall, recreation hall and Sport facilities like carom board, chess etc. are also available. Three water coolers, each equipped with water filter devices are available at convenient locations.

On 04 January 2014, 'Hostel Annual Day' was celebrated which included sports activities followed by cultural programmes in the evening.

#### GIRLS HOSTEL

The University girls hostel was established in 1989 to provide accommodation to the girl students. Since then, the hostel facilities are improving every year. Our main aim is to provide calm, safe, educational and family atmosphere to hostellers

The University Proctorial Board includes a Chief Proctor and three (03) Deputy Proctors. Professor Pradeep Shukla (HOD, Department of History) has been appointed as the first Chief Proctor of the Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur Chhattisgarh. With an experience of about 17 years in the Proctorial Board, he is efficiently running the board as its chief. During the report year some of the cases were reported and referred to the Proctorial Board, which were examined and suitable actions were taken in each case which includes suspension from the University, Class or Hostel, expulsion from the hostel and financial punishments.

### 5.3.3 FELLOWSHIPS

From 1st April, 2013 to 30th March, 2014

1. 162 Ph.D fellowship students.
2. AICTE-GATE Scholarship worth of Rs. 4552227.00
3. DST-Fellowship worth of Rs. 1303200.00







**Plantation on Ecoclub Day**

so that they can fulfill their dreams for their bright future. Hostel provides accommodation to 432 girl students. The category wise total number of girls accommodated in the hostel are Gen-184, OBC-129, SC-68, and ST-51.

### EXISTING FACILITIES

- Every year the existing facilities are upgraded in hostel as an when required.
- Cleanliness and other infrastructural maintenance like timely white wash, paintings are ensured.
- In spite of already existing facilities like mess, medical aids, proper security, TV rooms, Hindi and English news papers etc., Hostel is also equipped with internet connection and Wi-Fi facilities.
- Fax machine facility is available since last year (continuous with the earlier year) for the hostel inmates so that they can receive parents permission for going outside and other urgent document at any time.
- All wings of Hostel are facilitated with separate water cooler attached with water purifier for cool and purified water.
- We have provided induction heater in all wings for boiling and cooking the necessary food items to hostel inmates for 24 hours.
- Generator facility is also available in the hostel.
- Beautiful garden and greenery along the hostel adds the aesthetic beauty of it.
- Facilities for outdoor and indoor games like badminton, table tennis, carom and chess are available in the hostel.



**Cultural activity on Hostel day (Alchemy 2014)**



- For the daily needs of hostel inmates hostel runs a tuck shop in hostel premises which is strengthened according to the increased demand and more variety of items like daily grocery, stationery etc.
- Two Chhattisgarh government Home Guard (lady) has been placed for day and night take care of hostel inmates.

### INFRA – Structural Development

- A meditation hall has been inaugurated by Hon'ble Vice-Chancellor Dr. Lakshman Chaturvedi on 18-12-2013 in order to achieve higher levels of consciousness among hostellers to make the environment of hostel more calm and peaceful in this modern era of stressful situation. The meditation classes have been taken by members of Prajapita Brahma Kumaries Ishwariya Vishwavidyalaya.
- The extension work of C-wing, girl's hostel (for SC and ST students) has been completed to accommodate furthermore 26 girls in hostel with 13 rooms in current session.

### 5.3.6 GYMNASIUM

A large number of students from all over the country are staying in different hostels of the University. Well-equipped and ultra modern gymnasium has been established in the campus for Boys

### 5.3.7 TRAINING & PLACEMENT CELL

The Central Placement Cell (C.P.C) of Guru Ghasidas Vishwavidyalaya endeavors to facilitate and provide suitable placement in reputed multinationals, government organization, NGO's and the private sector. All students of Vishwavidyalaya are entitled to placement assistance, need based training and counseling for employment. The cell assures support to the visiting companies at every stage of the placement process by making Vishwavidyalaya infrastructure available to them.

#### Detail of Students placed during Session 2013-2014 in different company

Sl. No.	Name of the Company	No of students placed	Date of Placement
1.	Patil Rail Infrastructure, Hyderabad	05	02/04/2013
2.	Devanshi Engineering Cons. Services	11	04/04/2013
3.	Collebra Pvt.Ltd.	07	6-7/04/2013
4.	Neo Soft Pvt.Ltd.	07	07/04/2013
5.	D-Link (Smart Link) Pvt.Ltd.	09	08/04/2013
6.	Ma Hari Siddhi Infrastructure Developers Pvt.Ltd.	03	27/04/2013
7.	Orient Paper Mill	13	25/10/2013
8.	Pradan	06	31/01/2014
9.	Prompttimes.com	09	25/02/2014
10.	Godrej & Boyce	02	24/03/2014





# COMMON FACILITIES

## 6. COMMON FACILITIES

Common Facilities, as an integral part of the university system provide a conducive environment for academic activities. Since it's up gradation to a Central University, Guru Ghasidas Vishwavidyalaya has made a number of concerted efforts to develop new support services and strengthen the existing ones. Major initiatives taken during the session are:

### 6.1 ACCOMMODATION

#### Jawahar Atithi Griha

The Vishwavidyalaya Guest House, located amidst lush green surrounding and pollution free environment has 16 well-furnished and air-conditioned rooms to provide comfortable stay to visitors to the Campus at a reasonable charge and 01 air conditioned conference hall for meetings. To serve delicious vegetarian food to the guests at reasonable charges, a well-equipped kitchen operates within the guest house premises. At present all the rooms are equipped with television with DTH system. Refrigerators have been installed in 08 rooms. Four VIP rooms have now been equipped with direct dialing telephone facility.

#### Forestry Guest House

The Forestry Guest House was established with a grant-in-aid received from Indian Council for Forestry Research and Education (ICFRE), Dehradun. It has 31 rooms. The guest house is surrounded by different forest tree species. The guest house provides temporary accommodation to visiting teachers, research scholars and students. The guest house has well equipped modern Gymnasium. All the rooms are well furnished. Presently, forestry guest house has been temporarily converted into a girls' hostel to meet the increasing demand of accommodation for girl students.

#### Residential Facility for Employees

The University extends residential facility to its employees. Presently, there are 60 staff quarters for different categories of non-teaching staff of the University. The staff colony is very well connected by roads with well-lit avenues. The colony is surrounded by lush green trees and has a pleasant environment. A 'Kali' temple built near the quarters provides a space for peaceful meditation and for occasional social celebrations. Residential facilities for Employees in the campus are as follows:

S. No.	Type of Residence	Number of Residences
1	Type i	02
2	Type ii	48
3	Type iii	48
4	Type iv	75
5	Type D	32
6	Type G	08
7	Type I	20

### 6.2 AUDITORIUM AND CONFERENCE HALLS

#### Silver Jubilee Auditorium

To commemorate Silver Jubilee Year (2007) of the university, a centrally air-cooled auditorium with a seating capacity of about 800 persons was constructed. All the seats in the auditorium offer a perfect view of the stage. Apart from annual events, such as, convocation ceremony, Guru Ghasidas Jayanti, Central University Foundation Day and Teachers Day, a number of cultural programmes, seminars, discussions and lectures are hosted in the auditorium.

#### Conference Hall

Located in the administrative block of the university, the fully air-conditioned conference hall can accommodate up to 100 persons. The conference hall is a multipurpose venue for holding meetings, seminars, workshops, Ph.D. viva voce and various co-curricular activities and is equipped with all the latest audio-visual facilities.



### Mini Conference Hall

In addition to the main conference hall, an air-conditioned mini conference hall is located in the administrative block of the university with a seating capacity of about 40 persons.

## 6.3 CENTRAL LIBRARY

The Central Library was established on 26th October, 1984 to meet the academic needs and requirements of the students, teachers and research scholars. It caters the needs and requirements of more than seven thousand students and teachers put together perusing their academic work in the campus. It is housed in spacious building, having seating capacity of more than 500 at a time and a stock of 1,33,275 books., Indian and Foreign scholarly journals and Ph.D. theses. To access the e-resources, Internet and Wi-Fi facilities have been provided to the users free of cost.

### Services and Facilities

- Borrowing
- Inter-Library Loan
- Translation (on demand)
- Reprography
- Reference and referral both
- Internet
- OPAC
- Wi-Fi (within the campus area)

### Achievements during the Year

- More than seventeen thousands books were added during 2013-14 financial year.
- RFID technology has been introduced and started functioning.
- Online services of “Nature, SIAM Journal, and JSTOR” were made available with the help of INFLIBNET.
- Participation in Shodhganga project of INFLIBNET.

### Available Resources

BOOKS			
Particulars	Previous Year (2012-13)	Added During the Year (2013-14)	Total
Books	1,15,092 (including Departmental Loan)	17,251	1,32,343
Reference Books	5,976	102	6078
CD-ROM	800	209	1009
Journals (Printed / Online)			
Back Volumes (Printed)	4420	70	4490
Journals Subscribed (Printed)	341	43+19* sage pub.	403
Online Journals through UGC-INFONET (INFLIBNET)**	4727	-	4427
Bibliographical Databases (INFLIBNET)	02	continued	02
CMIE Databases ( Prowess)	01	continued	01
Business Source Elite(EBSCO Pub.)	1802	1802 (e-journals and magazines) continued	1802
OTHER COLLECTION			
M.Phil Dissertations	650	-	650
Ph.D Thesis	1319	48	1367
Newspapers (Hindi/English/Regional)	17	continued	17
Magazine(Hindi/English/Regional)	09	01	10



### Membership Details

Category of Memberships	No. of Members (2012-13)	Added New Membership (During Reporting Year 2013-2014)	No dues during 2013-14	Total
Students of UTD	5707	2267	1498	6476
Teachers of UTD	207	53	65	195
Research Scholars	178	106	21	261
Employees	300	10	07	303

\* Along with the hard copy SAGE Journals are also accessible online with ten years back volumes.

\*\*Science Direct, Wiley-Blackwell, Taylor & Francis, Springer Link, Cambridge University Press, Economic & Political Weekly, Emerald- Library Science, Institute of Physics, Nature, SIAM Journal and JSTOR (Full Text are accessible through INFLIBNET)

### NMEICT Project

In the emerging global knowledge based society where ICT has to play a vital role was realized by the Government of India and NMEICT project was launched. All the Central as well as State Govt. run Universities were sent a proposal to have campus wide network with 1 gbps speed where 75% expenses will be borne by the MHRD and remaining 25% will be shared by the individual university. Now, GGV campus network is functioning very smoothly and students as well as faculty members are enjoying INTERNET facility for their academic purpose. Further, University tried to make paperless campus and for the same smart class rooms, video conferencing, Wi-Fi, IUMS etc. based services were launched. In addition to above services several others academic consortia services are also rendered to the students and faculty members up to hostel level. Till date several live programs of His Excellency, Hon'ble Prime Minister of India and other VIPs were telecasted. The Govt. of India is very serious to make a national digital library and provide the centralized services to all academic institutions. Again this facility is going to be proved boon as well as backbone for the same.

### 6.4 CAFETERIA

The university Cafeteria was started on 27 June, 2009. It is managed by a team of dedicated teachers, non-teaching staff and students. The Cafeteria is successfully catering to the daily needs of the university community. The Cafeteria remains open on all working days from 8.00 a.m. to 7.00 p.m. On special occasions, the cafeteria opens on holidays too.

### 6.5 CENTRAL SECURITY SECTION

The university is spread over more than 656 acres of land, which houses a number of buildings, laboratories, residential apartments, guest houses, hostels, forest lands with precious species of trees and water bodies. To maintain security of this widely spread campus an efficient and vigilant security system is a prime requirement. Keeping this in view, the Central Security Section of Guru Ghasidas Vishwavidyalaya was established by Office order No. 509/Estt./Adm./2010. The Central Security Section is comprised of one in-charge, one assistant security officers, five security supervisors. The Central Security Section works under the university administration and is responsible for the security of the campus. For this the university campus is divided into four sections – the North, the East, the West, and the South. Every zone is looked after by assistant security officer and security supervisors and the Assistant security officer inspects each zone time to time. The coordination between the university administration and contractual security agencies is also maintain by the Central Security Section.

The duties of the Central Security Section also include: the regulating traffic inside the university campus, systematizing parking facilities and assisting the Proctor board in maintaining discipline in the campus.

### 6.6 HEALTH CENTRE

Health Centre is located in the center of the University Campus. Health Centre has male, female ward and pathological labs, caters to the need of the students, residents of the campus and employees of the University. One medical officer along with assisting staff Compounder, ANM (Female) and Ambulance driver is posted at the center from time to time, specialist doctor visit the health centre, at the same time patients requires further treatment is referred to medical college (CIMS) or Apollo



hospital. All the medical facilities, treatment and medicines for students, employees are free of cost. A total of 13235 patients were examined and treated at the Health Centre during the session. The Health Centre has an Electrocardiography (ECG) machine and a Chemical Blood Analyzer for carrying out various blood tests. The health centre also provides twenty four hours ambulance services and doctors on call are available round the clock. The Centre also has limited in-patient facility.

## 6.7 INFORMATION COMMUNICATION TECHNOLOGY AND COMPUTATIONAL FACILITIES (COMPUTER CENTER)

The University provides many facilities to students and personnel towards Information Technology Literacy, Computation / Simulation and Information Dissemination. The University established an advanced Computer Centre equipped with the latest versions of hardware, machines and software. The Computer Centre develops and maintains the Website of the University ([www.ggu.ac.in](http://www.ggu.ac.in)). And hosted in 2005 the Web site now contains more than 600 pages. Computer Centre is well equipped with modern and latest Hardware and Software as follows:

- Hardware – Desktop(111, including i5), Laser Printer B/W (05), Color Printer(01), Scanners(04), Hub & Switches, LCD Projectors.
- Software – Visual Studio 2008, Ms Office 2007, SQL Server 2005, Win Server ENT 2003, Win Server 2003 R2, Office Pro 2003 Media, Antivirus.

### **Surrounded by a beautiful boundary of trees, the Computer Centre provides following facilities**

- To provide Computing Facility to MCA, M.Sc. (CS). and 5-Year UG/PG Integrated B.Sc.(Computer Science), B.Lib, B.Com. Students for their practical.
- The Computer Centre provides central computational facilities to assist teaching, research, administration, examination, finance and other important tasks of the University.
- To arrange presentation, Lectures, Seminars/Conference with CD, LCD projector from time to time.
- To provide Internet Facility to Students/Scholars/Faculty Members/Staff Members of the Various Departments of University. To assist various Departments of the Vishwavidyalaya in computerizing their tasks.
- To arrange online video streaming of lectures at National level like the knowledge based lectures from eminent scientists.

### **Achievements**

- Maintaining the Official Website([www.ggu.ac.in](http://www.ggu.ac.in)) of Guru Ghasidas Vishwavidyalaya in Bilingual (Hindi/English) form.
- The Computer Center organized lectures of Hon'ble President of India, ShriPranab Mukherjee on 07- 01-2014.
- The Computer Center also hosted online tests to students of the campus for their training and placement.
- The website of Computer Center is hosted on NIC server.
- The Computer Center and Dept of CSIT jointly organized lecture of Mr. Kaiwen Zhang, PhD Candidate at University of Toronto, Canada, and Mr Navneet Pandey, PhD candidate at University of Oslo, Norway for faculty, staff and PhD scholars on 01 June 2014.
- Results of B.E., B.Tech (old) were prepared in Computer Center.

## 6.8 INTERNAL QUALITY ASSURANCE CELL (IQAC)

In order to monitor and improve everyday functioning of various Departments of the University, the Internal Quality Assessment Cell has been established during the period. The cell is expected to enquire, suggest, and monitor the effective implementation of various initiatives towards improvement of the functioning of the university.

## 6.9 MEDIA CELL

The Media Cell of the university is functional since October 2009, which works as a window of the university to the society. Its main objective is to act as a liaising agent in the university-society-media interface. One of its main functions is to send news and information to the media on behalf of the university. Apart from sending news and information it also reports different events and activities inside the University catering to different Departments.

The cell also stores news items published in different newspapers related to the university. The cell has its documentation centre where photographs and videos of the Vishwavidyalaya are stored in print as well as in digital version. It provides the soft and hard copies of news items and photographs to different events at the time of necessity. So far the cell has provided information for the preparation of Udan magazine, Rajyotsav 2012 at Raipur & Bilaspur, Annual Report and other activities.



### Achievements of the Cell

- Successfully disseminated information to the media and the society. It has significantly contributed in maintaining the Vishwavidyalaya's rapport with media and the society.
- Successfully organized five press conferences.

### Facilities Available in the Cell

The Cell has its own digital still camera with video recording for coverage of events and activities of the Vishwavidyalaya. The documentation centre of the cell helps the university, Departments, staff and students to get the video and photographs according to their needs.

### 6.10 OFFICIAL LANGUAGE CELL

The Official Language Cell was established in 2009. The main function of the Official Language Cell is to look after the implementation of Rajbhasa Policy and RajbhasaAdhiniyam 1963, and follows the direction of 1976 in this matter. In this regard a quarterly meeting of University RajbhasaImplementation Committee is organized in the chairmanship of Honorable Vice-Chancellor. The quarterly progress report of the University is regularly sent to Department of Higher Education, MHRD. To effectively implement the functions of Official Language Cell, the University has also appointed Hindi officer. The Cell is committed to implement the Rajbhasa policy in the University. To implement this policy all the notice boards and nameplates are converting in bilingual. A committee is also formed to make all the letters and documents in bilingual.

### 6.11 POST OFFICE AND BANKING

The residents and students on the campus have been provided with banking and communication facilities. The Post Office and the Punjab National Bank are rendering these services. The Post Office located within university premises offers services such as, 'Speed Post' service, telephone bill depositing and other facilities. A new electronic telephone exchange has also been established on the campus. The State Bank of India and the Punjab National Bank ATMs are located on the campus and are available round the clock.

### 6.12 RIGHT TO INFORMATION (RTI) CELL

Right to Information Act, 2005 is implemented in the University. During the year 2013-14 (April 2013 to March 2014), 317 RTI applications were received. The applications received from the applicants were sent to the concern Public Information Officers for providing the information to the applicants. During the year 2013-14 (April 2013 to March 2014) 62 application for First Appeals were placed before the First Appellate Authority. The First Appellate Authority hears the appeal and disposes the application as per rule.

RTI Cell regularly sent monthly returns to the Ministry of Human Resource Development and Central Information Commission for information. Under RTI annual return information system, Quarterly return is also uploaded on CIC website well in time in every quarter.

### 6.13 SPORTS FACILITIES

The Physical Education and Sports Department of the University provides and maintains the sports facilities in the campus. The existing sports facilities include, two floodlit basketball courts, 400 meters track, Volley Ball courts, Cricket, Tennis, Floodlight Gymnastic floor, four Kho-Kho, Badminton courts, Kabaddi courts, Modern Gym, Table-Tennis Hall, Hand-ball ground, Football ground, and Badminton courts in Girls' and Boys' Hostels. These facilities are used by the students, teachers and employees of the campus for their regular sports activities and also for organizing special sports events and competitions at various levels. Training by specialized coaches are provided to the students. The construction of swimming pool of Rs. 1 Crore is in progress.

### 6.14 SCHEDULED CASTE(SC)/SCHEDULED TRIBE (ST) CELL

The university established a SC/ST cell as per the UGC guidelines in November 1988. The Cell provides assistance to the SC, ST, OBC, students from other States, Minority students to receive scholarships as per the government rules and, deals with their problems regarding this. The Cell also observes the reservation policy pursued by the academic Departments with regard to admissions. The main objectives of the cell are:

- To assist the eligible students related to scholarship.
- To document the details of the students regarding scholarship.
- To help the students through counseling
- To liaison with the government officers at the district and state level regarding various scholarships.





### Reservation and Relaxations Specific to Admission

In accordance with the policy of the Government of India and the guidance of the University Grant Commission, the University has reserved 15% of seats in each course for candidates belonging to the Schedule Tribes, with a provision for inter-changeability between the categories, wherever necessary. Out of total seats 27% are reserved for the candidates belonging to OBC category. The relevant certificate for OBC has to be obtained from the same authorities as mentioned for SC/ST categories. Admission against these seats is provided after the candidate has passed the qualifying examination and appeared in the Vishwavidyalaya Entrance Test (VET).

### Government of India Scholarship

The University provides Government of India's SC/ST Welfare Scholarships to the eligible SC and ST students of the University. The scholarships include reimbursement of admission, tuition, examination and hostel fees on the annual basis. The number of students applied for the scholarship is as follows (from 1st April 2013-31st March 2014).

Sl. No.	Year	Category	No. of Students
01	2013-14	OBC	652
02	2013-14	SC	440
03	2013-14	ST	260

### 6.15 STD/PCO AND PHOTOCOPYING CORNER

These facilities are available on the campus, one in the administrative building premises and another in the Central Library building. The photocopy centre provides photocopying at subsidized rates as prescribed by the University. Along with photocopy, telephone and FAX facilities are also available. These corners also sell stationery items at reasonable rates.

### 6.16 TRANSPORTATION

With the addition of many new courses and consequent increase in the strength of students, a strong need was felt to increase the existing transport facilities. University buses regularly ply between selected locations in the city and the University throughout the day.

### 6.17 UNIVERSITY INSTRUMENTATION MAINTENANCE FACILITY

IMF has been established in the University with financial assistance from UGC. The purpose is to provide instrumentation training, maintenance of general purpose electronic instruments in the University, and to assist in maintaining and upgrading the undergraduate and postgraduate laboratories.

### 6.18 INTEGRATED UNIVERSITY MANAGEMENT SYSTEM (IUMS)

**(Inaugurated on 20-4-2013 by Prof. Ved Prakash, Chairman, UGC)**

In order to transform the campus environment from conventional to smart ICT enabled online digital campus, an Integrated University Management System (IUMS) has been developed for the University by Indian Telephone Industries (ITI) in collaboration with Expedian. The system has been prepared for making academic and administrative processes online and automatic including optimum use of smart class rooms. For this, Indian Telephone Industries in partnership with Expedian was awarded the contract and the work for its implementation has started. System Requirement Specification (SRS) level module designing has been completed for Finance, Accounting, Human Resource Management System (HRMS), Academic, Examination, Confidential and Admissions modules. The data / server room has been prepared as per specifications for installation of the IUMS. Through IUMS on line Payment services to University has been implemented.

#### The following modules are currently activated under IUMS

**Employee's Portal-** Provides online access to the employees of their services related information such as salary, pay slip, service book and offers services such as leave applications, loans, advances, etc to be requested online.

**Academic Module:** Offers online services for admissions, enrolment, student databases, course structures etc.

**Examinations Module:** Creates database of all enrolled students, their records of examinations, result processing, etc.

**HRMS Modules:** All processes related to employees for establishment section,

**File Monitoring System Module:** Online tracking of files moving among various sections and Departments, their status and action taken

**Dak Modules:** Provides online communication and sending of documents from one Department/section to other.



**Legal Module:** Provides online access to all legal cases and the status of each case related to the University. RTI Modules tracks and processes all RTI related applications and keeps records of such applications including the action taken on each one.

**Vice-Chancellor Module:** It takes care of all official/ secretarial works related to VC secretariat including the daily diary and tour plan of VC.

All modules are in 1 Phase is available in IUMS. Currently we are conducting the whole admission, salary and result processing through IUMS. This has improved the efficiency and enabled us to move towards paperless office. The system was inaugurated by the Chairman, UGC Dr. Ved Prakash on May 20, 2013.

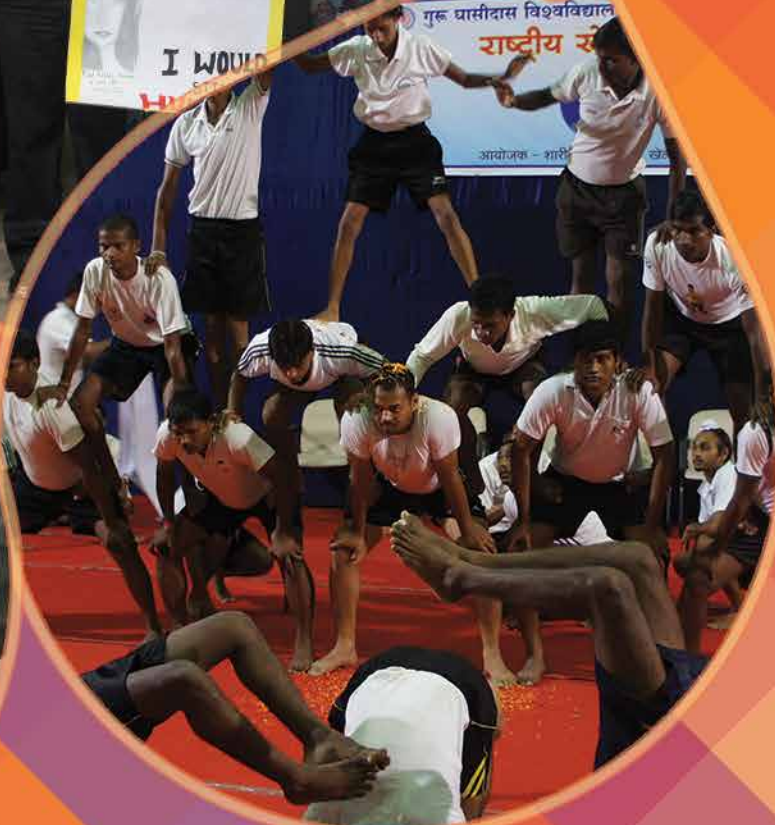
#### Phase wise Implantation of Integrated University Management System (IUMS) in the University

S. No.	Module Name	Delivery Phase	Status
1	Financial Accounting	Phase-1	Live
2	Academics & Admission	Phase-1	Live
3	Examination & Progress Report	Phase-1	Live
4	Secrecy	Phase-1	Live
5	Human Resource Management, Payroll & Pension	Phase-1	Live
6	Employee/Knowledge Management Portal	Phase-1	Live
7	Dak /Courier Management	Phase-1	Live
8	Document & File Tracking	Phase-1	Live
9	Vice- Chancellor's office Management	Phase-1	Live
10	Guest House	Phase-1	Live
11	Student Web Portal Creation	Phase-1	Live
12	RTI	Phase-1	Live
13	Hostel	Phase-1	Live
14	Court Cases Monitoring System(Legal)	Phase-1	Live
15	Vehicle(Transport)	Phase-1	Live
16	Event/Workshop/Seminar	Phase-1	Live
17	Bill Management	Phase-1	Live
18	Inventory	Phase-1	Live
19	Asset Management	Phase-2	Yet to be Implement
20	Bill Management	Phase-2	Yet to be Implement
21	Medical Bill Process	Phase-2	Yet to be Implement

## 6. 19 UNIVERSITY PRESS

The University Press was established in 1989 as a laboratory of the Department of Journalism and Mass Communication. At present, the entire printing is done on offset printing machine except for printing of answer booklets, which is done on Treadle printing machine. Various printing tasks done at the press include printing of examination application forms for the main and the supplementary exams. The university press prints, answer booklet for the theory and the practical examinations, various proformas which are used at examination centre and proformas related to various Departments and sections of the university.





# PART - II ANNEXURES

# ANNEXURE – I

## STATUTORY BODIES OF THE UNIVERSITY

### A. COURT OF THE UNIVERSITY

The first COURT of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.), constituted under Section-44(C) of the Central Universities Act 2009 the Government of India, Ministry of Human Resource Development, Department of Higher Education vide letter no. F.No. 49-6/2013-Dest (U) the 29-01-2014, has nominated the following members for a term of three years with immediate effect (Notification no. 310/Meeting cell/2014 Bilaspur, dated 08-02-2014).

Sl. No.	Name
1.	Dr. W. Selvamurthy Former CC & RD (DRDO)
2.	Dr. (Mrs.) Kavita A. Sharma Director, India International Centre, New Delhi.
3.	Prof. Bhaskar Bose Advisor, Chhattisgarh Swami Vivekananda Technical University, Chhattisgarh.
4.	Dr. Rangananyakulu Bodavala CMD Thrive Solar Energy Pvt. Ltd.
5.	Dr. Vivek Lall President and CEO, Reliance Industries Ltd.
6.	Shri Lalit Surjan Chief Editor, Desh Bandhu
7.	Dr. Sushil Trivedi Former Chief Commissioner, Election Commission, Chhattisgarh.
8.	Dr. Vijay Kr. Aggarwal, Director, National Institute of Technical Teachers Training Institute and Research.
9.	Shri Rajiv Mathur Former DG, National Police Academy, Hyderabad.
10.	Dr. Yasmeen Sultana Naqvi Former Professor Osaka University, Japan.
11.	Dr.(Mrs.) Surendra Kaur Varshney Ex-Dean, Raffles Law School, Neem Rana, Rajasthan.
12.	Shri Rahuk Barua Secretary General, South Asia Foundation.



Sl. No.	Name
13.	Dr. Ashok K. Dutta Founder Director, IIM Shillong, Member, North Eastern Council, Gol, 50, Jatin Das Road, Kolkata (W.B.) 700029
14.	Shri K.B. Sridhar, Advocate, Lakshmi Devi Nilayam, Room No. 2, New MLA Quarters, Adarsh Nagar, Hyderabad
15.	Dr. J.N.P. Reddy, Retd. Professor, Andhra University, Plot No. 57 Road No. 4, Lalitha Nagar Colony, Kakinada (A.P.)
16.	Prof. Sukhpal Singh Vice-Chancellor, Hidayatullah National Law University, Raipur (C.G.)
17.	Prof. Sheo Kumar Pandey Vice-Chancellor, Pt. Ravi Shankar Shukla University, Raipur (C.G.)
18.	Prof. B.B. Sahai Director, IIM, Raipur (C.G.)
19.	Dr. Uma C. Vaidya Vice-Chancellor, Kavi Kulguru Kalidas Sanskrit University, Ramtek
20.	Dr. Arun Triambak Dabke Former Vice-Chancellor, Ayush & Health Science University, Raipur (C.G.)
21.	Dr. A.R. Chandrakar Vice-Chancellor, Pt. Sunderlal Sharma (Open) University, Bilaspur (C.G.)
22.	Prof. Nitin M. Nagarkar Director, All Indian Institute of Medical Science, Raipur (C.G.)
23.	Shri Muku Satyawanthudu Advocate, 118, J. Prakasam Street, Tirupati (A.P.)
24.	Shri Muthangi Subramanyam Sr. Professor & Chairman Department of Life Sciences, Bangalore University, Bangalore



Sl. No.	Name
25.	Prof. Biswajeet Pattanayak Director, Asian School of Business Management, Bhubaneshwar (Orissa) & Former Professor, IIM Indore (M.P.)
26.	Smt. Phoolbasan Bai Yadav Social Worker & Social Entrepreneur, Leading a brigade of 200,000 strong women Selfd Help Group in Chhattisgarh.
27.	Dr. A.K. Shukla Principal, Government Engineering College, Bilaspur (C.G.)
28.	Prof. Anil K. Bhowmick Director, IIT, Patna (Bihar)
29.	Prof. Milan K. Sanyal Director, Saha Institute of Nuclear Physics, Kolkata (W.B.)
30.	Dr. M.K. Mishra Vice-Chancellor, Birla Institute of Technology, Mesra, Ranchi (Jharkhand)
31.	Justice Fakhruddin (Retd.) Chhattisgarh High Court, Bilaspur (C.G.)

## B. EXECUTIVE COUNCIL

The Second Executive Council of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.), constituted under Section-44 of the Central Universities Act 2009 of Department of Higher Education under Ministry of Human Resource Development of Government of India is as follows:

Sl. No.	Name	Designation
1.	Dr. Lakshman Chaturvedi Vice-Chancellor, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	<b>Ex-officio Chairman</b>
2.	Dr. M.S.K. Khokhar Pro Vice-Chancellor, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	<b>Ex-officio Member</b>
3.	Secretary, Department of Higher Education, Ministry of Human Resource Development, Government of India, Shastri Bhawan, New Delhi 110 001	<b>Ex-officio Member</b>
4.	Chairman University Grants Commission, Bahadur Shah Zafar Marg, New Delhi 110 002	<b>Ex-officio Member</b>



Sl. No.	Name	Designation
5.	Chief Secretary Department of Higher Education, Government of Chhattisgarh, Mantralaya, Raipur (C.G.)	<b>Ex-officio Member</b>
6.	Prof. S.S. Singh Dean, School of Natural Resources, Prof. & Head, Deptt. of Forestry Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	<b>Member</b>
7.	Prof. Shailendra Kumar Dean, School of Engg. & Tech. Professor & Head, Department of Civil Engineering, Institute of Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	<b>Member</b>
8.	Prof. V. D. Rangari Professor, <b>Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)</b> Deptt. of Pharmacy	<b>Member</b>
9.	Dr. Manish Shrivastava Professor & Head, Deptt. of English Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	<b>Member</b>
10.	Dr. (Mrs.) Seema Rai Associate Professor, Deptt. of Zoology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	<b>Member</b>
11.	Prof.(Dr.) Pradeep Mathur Director, Indian Institute of Technology, IIT-DAVV Campus, Khandwa Road, Indore (M.P.) 452017	<b>Member</b>
12.	Prof. G.K. Mehta Apartment No.-4-9/2 Whispring Green Apartment, Sapna Ghar Society, Plot No. 6-B, Sector-11, Dwarika- New Delhi- 110075	<b>Member</b>
13.	Shri Ashish Singh Thakur Balram Talkies Campus, Nehru Nagar, Bilaspur (C.G.)	<b>Member</b>



Sl. No.	Name	Designation
14.	Prof. S.V. Sudhakar Professor, 48-7-29/14, Near Rama Talkies, Srinagar, Visakhapatnam (A.P.) 530016	Member
15.	Registrar Secretary (Executive Council), Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Ex-officio Secretary

### C. ACADEMIC COUNCIL

The Second Academic Council of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.), constituted under Section-44 of the Central Universities Act 2009 of Department of Higher Education under Ministry of Human Resource Development of Government of India is as follows:

Sl. No.	Name	Designation
1.	Dr. Lakshman Chaturvedi Vice-Chancellor, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Ex-officio Chairman
2.	Prof. M.S.K. Khokar Pro Vice-Chancellor, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
3.	Prof. A.K. Saxena Dean, School of Mathematical & Computational Sciences, Prof. & Head, Department of Computer Science, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
4.	Prof. S.S. Singh Dean, School of Natural Resources, Prof. & Head, Department of Forestry, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
5.	Dr. Anupama Saxena Prof. & Head, Department of Political Science, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
6.	Prof. B.N. Tiwary Professor, Department of Biotechnology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member





Sl. No.	Name	Designation
7.	Prof. P.K. Bajpai Prof. & Head, Department of Pure & Applied Physics, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
8.	Dr. Manish Shrivastava Dean, School of Law, Prof. & Head, Department of English, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
9.	Prof. Shailendra Kumar Dean, School of Engineering & Technology, Prof. & Head, Department of Civil Engineering Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
10.	Dr. A. Rama Krishna Associate Professpr & Head, Department of Commerce, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
11.	Dr. A.S. Ranadive Prof. & Head, Department of Pure & Applied Mathematics, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
12.	Dr. R.K. Mehta Associate Professor & Head, Department of Rural Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
13.	Dr. L.P. Pateriya Dean, School of Management & Commerce, Prof. & Head, Department of Management Studies, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
14.	Dr. Pradeep Shukla Prof. & Head, Department of History, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member



Sl. No.	Name	Designation
15.	Dr. V.S. Rathore Prof. & Head, Department of Physical Education, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
16.	Dr. J.S. Dangi Prof. & Head, Department of Pharmacy, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
17.	Dr. Manisha Dubey Prof. & Head, Department of Economics, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
18.	Dr. C.S. Vazalwar Associate Prof. & Head, Department of Education, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
19.	Dr. G.K. Patra Dean School of Physical Science, Prof. & Head, Department of Chemistry, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
20.	Dr. S.P. Singh Professor, Department of Pure & Applied Mathematics, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
21.	Dr. Harish Kumar Professor, Department of Management Studies, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
22.	Dr. V.D. Rangari Professor, Department of Pharmacy, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
23.	Dr. Bharti Ahirwar Associate Professor, Department of Pharmacy, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member



Sl. No.	Name	Designation
24.	Dr. B.D. Mishra Associate Professor, Department of Management Studies, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
25.	Dr. Renu Bhatt Associate Professor, Department of Biotechnology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
26.	Dr. M.C. Rao Associate Professor, Department of Civil Engineering, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
27.	Dr. Manish Shrivastava Assistant Professor, Department of Computer Science & Engg., Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
28.	Dr. Ghanshyam Dubey Assistant Professor, Department of History, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
29.	Dr. Devendra Kumar Patel Assistant Professor, Department of Rural Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
30.	Dr. Pravesh Dalei Assistant Professor, Department of Law, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
31.	Dr. U.N. Singh Librarian Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
32.	Proctor Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
33.	Dean Student Welfare Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member



Sl. No.	Name	Designation
34.	Prof. A.K. Bhatnagar Department of Botany, Delhi University, Delhi – 110007	Member
35.	Prof. S.C. Panchali Ameritus Professor, Retired Professor of Physics. Delhi University, Delhi IUAC, Aruna Asaf Ali Marg, New Delhi	Member
36.	Prof. K.S. Mishra Department of Education, Allahabad University, Allahabad	Member
37.	Prof. M.P. Dubey Department of Political Science, Allahabad University, Allahabad.	Member
38.	Prof. K.S. Reddy Department of Civil Engineering, IIT, Kharagpur, (W.B.)	Member
39.	Dr. Pratibha J. Mishra Dean, School of Social Sciences, Prof. & Head, Department of Social Work, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
40.	Dr. S.K. Chaturvedi Prof. & Head, Department of Botany, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
41.	Dr. Pradipta Kishore Dass Prof. & Head, Department of Anthropology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
42.	Dr. Rashmi Agrawal Associate Professor, Department of Forestry, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
43.	Dr. Bhaskar Mukharjee Associate Professor & Head, Department of Library & Information Science, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member



Sl. No.	Name	Designation
44.	Dr. Rajesh Bhushan Associate Professor & Head, Department of Mechanical Engineering, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
45.	Dr. M.K. Singh Prof. & Head, Department of Industrial & Production Engineering, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
46.	Dr. Monika Bhadoria Associate Professor, Department of Zoology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
47.	Dr. I.D. Tiwari Professor Department of English, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member Secretary

#### D. FINANCE COMMITTEE

Sl. No.	Name	Designation
1.	Dr. M.S.K. Khokhar Vice-Chancellor,	Chairman
2.	Pro Vice-Chancellor Guru Ghasidas Vishwavidyalaya, Bilaspur	Vacant
3.	Joint Secretary and Finance Advisor MHRD or his/her nominee from Finance bureau of MHRD	Member
4.	Joint Secretary (CU & L) of MHRD or his/her nominee not below the rank of Joint Secretary to the Government of India	Member
5.	Joint Secretary (CU), UGC or any other Joint Secretary level officer nominated by the Chairman of UGC	Member
6.	Prof. R.P. Das HOD, MBA, Pt. Ravishankar Shukla University, Raipur (C.G.)	Member
7.	Prof. S. S. Singh HOD, Forestry Department, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member



Sl. No.	Name	Designation
8.	Shri Harish Kedia Chairman, Chhattisgarh Laghu avam Sahayak Udyog Sangh.	Member
9.	Shri R.K. Soni Finance Officer (I/C) Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Secretary

### E. BUILDING COMMITTEE

Sl. No.	Name	Designation
1.	Dr. Lakshman Chaturvedi, Vice-Chancellor, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Chairman
2.	Dr. M.S.K. Khokhar, Pro Vice-Chancellor Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
3.	Dr. I.D. Tiwari, Registrar (Acting), Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member/Secretary
4.	Shri R.K. Soni, Finance Officer, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
5.	Member Representative from CPWD/ CGPWD (Not below the rank of Executive Engineer)	Member
6.	Member Representative from CGPWD (Not below the rank of Executive Engineer)	Member
7.	Prof. Virendra Kumar, Head, Department of Civil Engineering, Banaras Hindu University, Varanasi (U.P.)	Member nominated by Executive Council
8.	Shri S.C. Khandelwal, Ex- Executive Engineer, P ublic Work Department, Bilaspur (C.G.)	Member nominated by Executive Council
9.	Prof. S.S. Singh, Head, Department of Forestry, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member nominated by Vice Chancellor
10.	Prof. S.L. Swami, Director, Academic Staff College, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member nominated by Vice Chancellor
11.	Prof. Shailendra Kumar, Director, Institute of Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
12.	Dr. V.S. Rathore, Prof. & Head, Department of Physical Education, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member
13.	Smt. Anita Khanna, I/c Electrical Department,	Member
14.	Shri M.A. Hussain, University Engineer, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	Member



## ANNEXURE – II

### OFFICERS OF THE UNIVERSITY

#### A. DEANS OF THE SCHOOLS

Sr. No.	School	Name
1.	School of Studies in Arts	Dr. V.S. Rathore
2.	School of Studies in Engineering & Technology	Prof. Shailendra Kumar
3.	School of Studies in Law	Dr. Manish Shrivastava
4.	School of Studies in Life Sciences	Dr. S.K. Chaturvedi
5.	School of Management & Commerce	Prof. L.P.Pateriya
6.	School of Studies in Mathematical and Computational Science	Prof. A.K. Saxena
7.	School of Studies in Natural Resources	Prof. S.S. Singh
8.	School of Studies in Physical Sciences	Prof. Gautam Kumar Patra
9.	School of Studies in Social Sciences	Prof. Pratibha J. Mishra

#### B. OFFICERS OF THE UNIVERSITY

Visitor – The President of India shall be the Visitor of the University as per the Central University Act 2009 No. 25 of 2009.

Sl. No.	Designation	Name
1.	Chancellor	Prof. (Dr.) N. R. Madhava Menon
2.	Vice-Chancellor	Dr. Lakshman Chaturvedi
3.	Pro Vice-Chancellor	Prof. M.S.K. Khokhar
4.	Registrar	Vacant Dr. I.D. Tiwari (Acting)
5.	Finance Officer	Vacant R.K. Soni (Incharge)
6.	Controller of Examinations	Vacant Prof. A. S. Randive (Acting)
7.	Librarian	Dr. U.N. Singh

#### C. OTHER OFFICERS OF THE UNIVERSITY

Sl. No.	Designation	Name
1.	Dean Student Welfare	Prof. S.V.S. Chauhan
2.	Chief Proctor	Prof. Pradeep Shukla
3.	Shri Hari Narayan Choubey	Deputy Registrar
4.	Shri Ravindra Kumar Soni	Deputy Registrar(Administration & Finance Officer –incharge)
5.	Dr.SampoonanandJha	Deputy Registrar (Exam & IT)
6.	Shri SurajKumarMehtar	Deputy Registrar (Academic & Development)
7.	Shri Santosh Kumar Tripathi	Assistant Registrar (Finance)
8.	Shri Abhideep Tiwari	Assistant Registrar (Administration)
9.	Shri Tikendra Prakash Singh	Assistant Registrar (Store)
10.	Shri Sudhakar Lonare	Assistant Registrar (VC Secretariat)
11.	Shri Shrikant Kardekar	Assistant Registrar (Confidential & Registrar Office)



# ANNEXURE – III

## THE UNIVERSITY FACULTY

(AS ON 31 MARCH 2014)

S. No.	Name	Department	Designation	Specialization
1	Dr. S.L. Swamy	Academic Staff College	Professor	
2	Dr. Manju Tiwari	Academic Staff College	Assistant Professor	Organic Electroluminescence, Electronics, Opto Electronics
3	Dr. Pradipta Kishore Das	Anthropology and Tribal Development	Professor	Human Genetics
4	Dr. Neelkantha Panigrahi	Anthropology and Tribal Development	Associate Professor	Social Anthropology
5	Mr. Balaram Oraon	Anthropology and Tribal Development	Assistant Professor	Social Anthropology (Tribal Development)
6	Dr. Subal Das	Anthropology and Tribal Development	Assistant Professor	Physical/Biological Anthropology (Growth and Nutrition)
7	Dr. K. Bharathi	Anthropology and Tribal Development	Assistant Professor (Ad-Hoc)	Biological Anthropology (Demography)
8	Dr. Huidrom Suraj Singh	Anthropology and Tribal Development	Assistant Professor (Ad-Hoc)	Biological Anthropology (Human Genetics)
9	Prof. Bhupendra Nath Tiwary	Biotechnology	Professor & Head	Microbial Biotech
10	Prof. Kishan Lal Tiwari	Biotechnology	Professor	Aerobiology & Environmental Biotechnology
11	Dr. Renu Bhatt	Biotechnology	Associate Professor	Nanotechnology, Toxicity and cancer
12	Dr. Pradeep Kumar Naik	Biotechnology	Associate Professor	Molecular Biotechnology & Bio Informatics
13	Ms. Alka Ekka	Biotechnology	Assistant Professor	Microbiology
14	Dr. Dharmendra Kumar Parihar	Biotechnology	Assistant Professor	Microbial Enzyme & Fermentation Technology
15	Dr. Harit Jha	Biotechnology	Assistant Professor	Biochemistry & Microbial Biotech
16	Dr. Dhananjay Shukla	Biotechnology	Assistant Professor	Animal Biotechnology
17	Dr. Naveen Kumar Vishwakarma	Biotechnology	Assistant Professor	Immunology, Cellular Biology, Oncology, Animal Cell Culture Technology
18	Dr. Munidra Ruwali	Biotechnology	Assistant Professor (Ad-hoc)	
19	Dr. Abhishek Singh	Biotechnology	Assistant Professor (Ad-hoc)	
20	Ms. Kripalata	Biotechnology	Assistant Professor (Ad-hoc)	





S. No.	Name	Department	Designation	Specialization
21	Dr. Sunil Kumar Senapati	Biotechnology	Assistant Professor (Ad-hoc)	
22	Dr. Sunil Kumar Chaturvedi	Botany	Professor & Head	Plant Reproductive Biology, Palynology, Plant Diversity, Floral morphology and Ethnobotany
23	Dr. Ashwani Kumar Dixit	Botany	Associate Professor	Bionanotechnology, Pharmacognosy and Medical Botany
24	Dr. Sushil Kumar Shahi	Botany	Associate Professor	Microbiology, Mycology, Herbal
25	Dr. Sudheer Kumar Pandey	Botany	Assistant Professor	Environmental Chemistry and Pollution Ecology
26	Dr. Santosh Kumar Prajapati	Botany	Assistant Professor	Air pollution and Stress Ecology
27	Dr. Satya Sheela Singh	Botany	Assistant Professor	Stress physiology and Molecular Microbiology
28	Dr. Vibhaynath Tripathi	Botany	Assistant Professor	Host Pathogen Interaction
29	Mr. Mahip Kumar	Botany	Assistant Professor (Adhoc)	
30	Dr. Meenakshi Singh	Botany	Assistant Professor (Adhoc)	Plant Pathology
31	Dr. Rakesh Kumar Dwivedi	Botany	Assistant Professor (Adhoc)	Phycology, Algal systematics and culture techniques
32	Prof. Samrendra Nath Saha	Chemical Engineering	Professor (Under Suspension)	Fluidization Engg.
33	Mr. Amit Jain	Chemical Engineering	Assistant Professor	Thermal
34	Dr. Anil Chandrakar	Chemical Engineering	Assistant professor	Catalysis
35	Mrs. Anuradha Nenevar Joshi	Chemical Engineering	Assistant Professor	Environmental management
36	Mr. Gautam Prasad Dewangan	Chemical Engineering	Assistant Professor	Computer Added Process & Equipment Design
37	Mr. Neeraj Chandrakar	Chemical Engineering	Assistant Professor & In-Charge Head	Chemical Process Design
38	Dr. Raghwendra Singh Thakuar	Chemical Engineering	Assistant Professor	Adsorption
39	Mr. Saurabh Meshram	Chemical Engineering	Assistant Professor	Chemical process design
40	Mr. Vishnu Prasad Yadav	Chemical Engineering	Assistant Professor	Catalysis
41	Smt. Vibha Verma Deshmukh	Chemical Engineering	Assistant Professor (Ad-hoc)	
42	Prof. Gautam Kumar Patra	Chemistry	Professor & Head	Inorganic Chemistry Metal Organic, Framework, Crystal Engineering, Electrochemistry



S. No.	Name	Department	Designation	Specialization
43	Dr. Charu Arora	Chemistry	Associate Professor	Physical Chemistry Kinetic, Thermal Technique synergism, Natural product
44	Dr. Sunil Kumar Singh	Chemistry	Associate Professor	
45	Dr. Vijay Kumar Rai	Chemistry	Assistant Professor	
46	Ms. Manorama	Chemistry	Assistant Professor	
47	Dr. Bhaskar Sharma	Chemistry	Assistant Professor	
48	Dr. Subhash Banerjee	Chemistry	Assistant Professor	Organic Chemistry, Nano-Catalysis and Green Synthesis
49	Dr. Arti Srivastva	Chemistry	Assistant Professor	Physical Chemistry and Polymer Chemistry
50	Dr. K. V. S. Ranganath	Chemistry	Assistant Professor	Organic Synthesis, Asymmetric Catalysis
51	Dr. Kamlesh Srivas	Chemistry	Assistant Professor	Analytical Chemistry and Nanochemistry
52	Dr. Santosh Singh Thakur	Chemistry	Assistant Professor	Inorganic Chemistry, Catalysis, Chiral Chemistry and Hydrolysis
53	Dr. V. K. Raman	Chemistry	Assistant Professor (Ad-hoc)	Organic Chemistry and Oligopeptides
54	Dr. Shraddha Shukla	Chemistry	Assistant Professor (Ad-hoc)	
55	Ms. Divya Singh	Chemistry	Assistant Professor (Ad-hoc)	
56	Dr. Pathik Manjhi	Chemistry	Assistant Professor (Ad-hoc)	
57	Vikash Khande	Chemistry	Assistant Professor (Ad-hoc)	
58	Dr. Tony Moses Rajan	Chemistry	Assistant Professor (Ad-hoc)	
59	Dr. Pankaj Patidar	Chemistry	Assistant Professor (Ad-hoc)	
60	Prof. Shailendra Kumar	Civil Engineering	Professor	Structural Engg.
61	Dr. Chakradhar Rao Meesla	Civil Engineering	Associate Professor	Structural Engg
62	Mr Ashish Kumar Parashar	Civil Engineering	Assistant Professor	Water Resources Engg.
63	Mr. Nikhil Kumar Verma	Civil Engineering	Assistant Professor	Construction planning & Mgt.
64	Mr. Rajendra Kumar Choubey	Civil Engineering	Assistant Professor	Environmental Engg.
65	Dr. V. V. S. S. K. Dadi	Civil Engineering	Assistant Professor	Structural Engg.



S. No.	Name	Department	Designation	Specialization
66	Shri Bahuguna Dalai	Civil Engineering	Assistant Professor (Ad-hoc)	
67	Dr. A. R. Krishna	Commerce	Associate Professor and Head	Marketing and Finance
68	Mr. Amit Manglani	Commerce	Assistant Professor	Finance
69	Mr. Budheshwar Prasad Singhraul	Commerce	Assistant Professor	Accounting and Finance
70	Mr. Vineet Singh	Commerce	Assistant Professor	Marketing
71	Mr. Gyanranjan Bal	Commerce	Assistant Professor (Ad-hoc)	
72	Mr. Abhinna Srivastava	Commerce	Assistant Professor (Ad-hoc)	Marketing
73	Mr. Arjun Agrawal	Commerce	Assistant Professor (Ad-hoc)	
74	Ms. Renu	Commerce	Assistant Professor (Ad-hoc)	Finance
75	Mr. Neelmani Tripathi	Commerce	Assistant Professor (Ad-hoc)	
76	Mr. Harish Khandelwal	Commerce	Assistant Professor (Ad-hoc)	
77	Mr. Arun Vaidyak	Commerce	Assistant Professor (Ad-hoc)	
78	Shri Jamalludin	Commerce	Assistant Professor (Ad-hoc)	
79	Dr. Manish Shrivastava	Computer Science & Engineering	Assistant Professor & Head	Network Security
80	Mr. Amit Baghel	Computer Science & Engineering	Assistant Professor	Mobile Ad-hoc Network
81	Mr. Devendra Kumar Singh	Computer Science & Engineering	Assistant Professor	Computer Security
82	Mr. Manjit Jaiswal	Computer Science & Engineering	Assistant Professor	Parallel Computing
83	Mr. Nishant Behar	Computer Science & Engineering	Assistant Professor	Digital Evidence, Network security
84	Mrs. Nishi Yadav	Computer Science & Engineering	Assistant Professor	Mobile Ad-hoc Network
85	Mr. Pushpendra Kumar Chandra	Computer Science & Engineering	Assistant Professor	Optical Network
86	Mrs. Raksha Sharma	Computer Science & Engineering	Assistant Professor	Grid Computing
87	Mr. Satish Kumar Negi	Computer Science & Engineering	Assistant Professor	Vehicular Ad-hoc Network
88	Mr. Vaibhav Kant Singh	Computer Science & Engineering	Assistant Professor	Data Mining
89	Dr. Amit Kumar Saxena	Computer Science and Information Technology	Professor & Head	Data Mining, soft computing



S. No.	Name	Department	Designation	Specialization
90	Mr. Amitesh Kumar Jha	Computer Science and Information Technology	Assistant Professor	Data mining, Programming Languages
91	Dr. Babita Majhi	Computer Science and Information Technology	Assistant Professor	Data Mining, Signal Processing
92	Dr. Hari Shankar Hota	Computer Science and Information Technology	Assistant Professor	Fuzzy logic, Neural Network
93	Mrs. Pushplata Pujari	Computer Science and Information Technology	Assistant Professor	Soft Computing, Classification
94	Mr. Rajwant Singh Rao	Computer Science and Information Technology	Assistant Professor	TOC, Artificial Intelligence
95	Ms. Sushma Jaiswal	Computer Science and Information Technology	Assistant Professor	Digital Image Processing
96	Mr. Bramha Prakash Dahiya	Computer Science and Information Technology	Assistant Professor (Ad-hoc)	
97	Mr. Harishankar Pd Tonde	Computer Science and Information Technology	Assistant Professor (Ad-hoc)	
98	Mr. Kaushal Bhardwaj	Computer Science and Information Technology	Assistant Professor (Ad-hoc)	
99	Shailendra Kr. Verma	Computer Science and Information Technology	Assistant Professor (Ad-hoc)	
100	Mr. Rakesh Kr. Meshram	Computer Science and Information Technology	Assistant Professor (Ad-hoc)	
101	Mr. Sudhanshu Kumar	Computer Science and Information Technology	Assistant Professor (Ad-hoc)	
102	Dr. Manisha Dubey	Economics	Associate Professor & Head	Research Methodology, Public Finance, Gandhian Economics, Issues in Indian Economy
103	Mr. Dilip Jha	Economics	Assistant Professor	Banking, Econometrics, Mathematical Economics
104	Dr. Namita Sharma	Economics	Assistant Professor	Macro-Economics, Indian Economy, Money & Banking
105	Mr. Ravindra Kumar Sharma	Economics	Assistant Professor	Quantitative Economics, Industrial Economics, and International Economics
106	Dr. Seraphinus Kispotta	Economics	Assistant Professor	Micro-Economics, Statistics, Demography, Industrial Economics.
107	Mr. Thakur Ram Ratre	Economics	Assistant Professor	Macro Economics, Public Finance, Economic Development and Planning
108	Dr. C. S. Vazalwar	Education	Head & Associate Professor	Administration Supervision & Management, Educational Psychology, English Methodology
109	Dr. Sujeet Mishra	Education	Associate Professor	Research Methodology, Learner and learning Process, Educational Guidance & Counseling, Educational Assessment & Evaluation, Teaching of History



S. No.	Name	Department	Designation	Specialization
110	Dr. Kaushal Kishore	Education	Assistant Professor	Educational Measurement & Evaluation, Research Methodology & Statistics, Teaching of Physical Science
111	Dr. Payel Banerjee	Education	Assistant Professor	Educational Technology, Measurement & Evaluation in Education, Science Education, Curriculum Studies, School Administration
112	Dr. Sambit Kumar Padhi	Education	Assistant Professor	Educational Measurement & Evaluation, Research Methodology & Statistics
113	Dr. Sonia Sthapak	Education	Assistant Professor	Elementary Teacher Education, Educational Psychology, Early childhood Care & Education, Method of Teaching Science
114	Mr. Sudhir Sudam Kaware	Education	Assistant Professor	Educational Technology, Educational Sociology, Teaching of English and Civics
115	Dr. Sunil Kumar Sain	Education	Assistant Professor	Educational Technology, Educational Sociology, Measurement & Evaluation, Teaching of Maths and Civics
116	Ms. Vindeshwari Pawar	Education	Assistant Professor	Guidance and Counseling, Educational Technology, Teaching of Social Science
117	Mr. Ajay Sameer Kujoor	Education	Assistant Professor	Sociology of Education & Education Administration
118	Dr. Mukesh Kumar Chandrakar	Education	Assistant Professor	Computer Education
119	Mr. Krishna Ku. Pathak	Education	Assistant Professor (Adhoc)	
120	Mr. Rahul Kumar Pandey	Education	Assistant Professor (Adhoc)	Clinical Psychology, Special Education, Hindi Methodology
121	Mr. Shiv Kumar	Education	Assistant Professor (Adhoc)	
122	Dr. Anita Khanna	Electrical Engineering	Assistant Professor,	Electrical Engineering
123	Mr. Sumit Kr. Gupta	Electrical Engineering	Assistant Professor,	Power Electronics & Basic Design
124	Mr. Abhishek Mishra	Electrical Engineering	Assistant Professor (Ad-hoc)	
125	Mrs. Bhawna Shukla	Electronics and Communication Engineering	Assistant Professor & Head	Communication
126	Mr. Abhishek Awasthi	Electronics and Communication Engineering	Assistant Professor	Electronics and Communication



S. No.	Name	Department	Designation	Specialization
127	Mrs. Beulah Nath	Electronics and Communication Engineering	Assistant Professor	Electronics and Communication
128	Mr. Deepak Kumar Rathor	Electronics and Communication Engineering	Assistant Professor	Communication
129	Mr. Nipun Kumar Mishra	Electronics and Communication Engineering	Assistant Professor	Communication
130	Mrs. Pragati Patharia	Electronics and Communication Engineering	Assistant Professor	Opto-Electronics
131	Mr. P. S. Srivastava	Electronics and Communication Engineering	Assistant Professor	Microwave communication
132	Mr. Shrawan Kr Patel	Electronics and Communication Engineering	Assistant Professor	Electronics and Telecommunication
133	Dr. Soma Das	Electronics and Communication Engineering	Assistant Professor	Material Thin Film Multifarious Experimental Physics
134	Mrs. Praveena Rajput	Electronics and Communication Engineering	Assistant Professor (Ad-hoc)	Communication
135	Mr. Sushir Kr. Dubey	Electronics and Communication Engineering	Assistant Professor (Ad-Hoc)	
136	Prof. Manish Shrivastava	English & Foreign Languages instead of English	Professor & Head	British Fiction
137	Prof. Indra Deo Tiwari	English & Foreign Languages instead of English	Professor	Indian literature in English
138	Dr. Anurag Chauhan	English & Foreign Languages instead of English	Assistant Professor	Canadian Fiction, British Literature
139	Dr. Archana Kumari	English & Foreign Languages instead of English	Assistant Professor	Linguistics & ELT
140	Dr. Prasenjit Panda	English & Foreign Languages instead of English	Assistant Professor	Literary Theories
141	Dr. Shabana Yasmeen Khan	English & Foreign Languages instead of English	Assistant Professor	Indo-Anglian Literature



S. No.	Name	Department	Designation	Specialization
142	Dr. Ashutosh Singh	English & Foreign Languages instead of English	Assistant Professor (Ad-hoc)	Literary Theory & Post-Colonial Literature
143	Ms. Pratibha Somkuwar	English & Foreign Languages instead of English	Assistant Professor (Ad-hoc)	
144	Mr. Abhay Ranjan	English & Foreign Languages instead of English	Assistant Professor (Ad-hoc)	
145	Dr. Mahavir Prasad Goutam	Forensic Science	Professor	Forensic Chemistry, Forensic Toxicology, Crime Scene Investigation.
146	Ku. Akanksha Rastogi	Forensic Science	Assistant Professor (Ad-hoc)	
147	Mr. I. Arjun Rao	Forensic Science	Assistant Professor (Ad-hoc)	
148	Prof. Shyam Sundar Singh	Forestry, Wildlife & Environmental Sciences	Professor & Head	Forest tree improvement and Tree Mutagenesis,
149	Dr. Krishna Kumar Chandra	Forestry, Wildlife & Environmental Sciences	Associate Professor	Forestry extension and Agroforestry,
150	Dr. Rashmi Agarwal	Forestry, Wildlife & Environmental Sciences	Associate Professor	Forest pathology and Restoration ecology
151	Dr. Subhash Chandra Tiwari	Forestry, Wildlife & Environmental Sciences	Associate Professor	Soil Science and Ethnobotany
152	Dr. S. S. Dhuria	Forestry, Wildlife & Environmental Sciences	Associate Professor	Tree improvement and Biosystematics
153	Dr. Garima Tiwari	Forestry, Wildlife & Environmental Sciences	Assistant Professor	Forest Management
154	Ms. Gunjan Patil	Forestry, Wildlife & Environmental Sciences	Assistant Professor	Environmental science
155	Dr. Manoj Kumar Dubey	Forestry, Wildlife & Environmental Sciences	Assistant Professor	Wood science and technology
156	Dr. Bhavna Dixit	Forestry, Wildlife & Environmental Sciences	Assistant Professor	Forest Pathology
157	Dr. Anandia Bhattacharya	Forestry, Wildlife & Environmental Sciences	Assistant Professor (Ad-hoc)	Environmental Science
158	Dr. M. Uma Devi	Forestry, Wildlife & Environmental Sciences	Assistant Professor (Ad-hoc)	
159	Dr. Prabal Sarkar	Forestry, Wildlife & Environmental Sciences	Assistant Professor (Ad-hoc)	Wildlife
160	Dr. Shusma	Forestry, Wildlife & Environmental Sciences	Assistant Professor (Ad-hoc)	Silviculture
161	Mr. Murali Manohar Singh	Hindi	Assistant Professor	Kavya shastra aur tulnatmak sahitya
162	Dr. Ramesh Kumar Gohe	Hindi	Assistant Professor	Hindi Aalochana



S. No.	Name	Department	Designation	Specialization
163	Dr. Rajesh Mishra	Hindi	Assistant professor (ad-hoc)	
164	Dr. Satya Soni	Hindi	Assistant professor (Ad-hoc)	
165	Dr. Suresh Kumar	Hindi	Assistant professor (Ad-hoc)	
166	Dr. Vandana Tiwary	Hindi	Assistant professor (Ad-hoc)	
167	Shri Nilesh Kumar	Hindi	Assistant professor (Ad-hoc)	
168	Ms Hempushpa Naik	Hindi	Assistant professor (Ad-hoc)	
169	Prof. Pradeep Kumar Shukla	History	Professor & Head	Medieval Indian History
170	Dr. Ghanshyam Dubey	History	Assistant Professor	Modern Indian History and Developmental Studies
171	Dr. Seema Pandey	History	Assistant Professor	Modern Indian History and Social History
172	Mr. Mahesh Kumar Shukla	History	Assistant Professor (Guest Faculty)	Medieval Indian History
173	Dr. Abhay Kumar	History	Assistant Professor (Ad-hoc)	Indian Religion and Culture
174	Dr. Vipin Tirkey	History	Assistant Professor (Ad-hoc)	
175	Dr. Mukesh Singh	Industrial Production and Production Engineering	Professor	CAD/CAM,ROBOTICS
176	Mr. Chatra Pal Dewangan	Industrial Production and Production Engineering	Associate Professor & Head	Industrial Engineering & Management
177	Mrs. Arpita Roy Choudhary	Industrial Production and Production Engineering	Assistant Professor	Production Engineering
178	Mr. Atul Kumar Sahu	Industrial Production and Production Engineering	Assistant Professor	Production Engineering
179	Mr. Ganesh Prasad Shukla	Industrial Production and Production Engineering	Assistant Professor	Industrial Engineering & Management
180	Mr. Kottala Sriyogi	Industrial Production and Production Engineering	Assistant Professor	Industrial Engineering & Management
181	Ms. Disha Dewangan	Industrial Production and Production Engineering	Assistant Professor	Energy System & Pollutions
182	Shri Leeladhar Rajput	Industrial Production and Production Engineering	Assistant Professor	Mechanical Systems Design
183	Shri Nitin Kr Sahu	Industrial Production and Production Engineering	Assistant Professor	Introduction (Mechanical) Engg
184	Ms. Poonam Diwan	Industrial and Production Engineering	Assistant Professor (Ad-hoc)	
185	Mr. Rajesh Mahule	Information Technology	Assistant Professor (On Study Leave)	Data Mining





S. No.	Name	Department	Designation	Specialization
186	Dr. Amit Khaskalam	Information Technology	Assistant Professor & Head	Material Science & Embedded System, Data Mining
187	Mr. Abhishek Jain	Information Technology	Assistant Professor	GIS
188	Mr. Agnivesh Pandey	Information Technology	Assistant Professor	Information Security
189	Ms. Akansha Gupta	Information Technology	Assistant Professor	Mobile Ad Hoc Network
190	Mr. Anand Prakash Rawal	Information Technology	Assistant Professor	Information Security
191	Mr. Deepak Kant Netam	Information Technology	Assistant Professor	Cryptography
192	Mr. Pankaj Chandra	Information Technology	Assistant Professor	WSN
193	Mr. Santosh Soni	Information Technology	Assistant Professor	WSN
194	Mr. Suhel Ahmad	Information Technology	Assistant Professor	Information Security
195	Dr. Gopa Bagchi	Journalism and Mass Communication	Associate Professor (Under Suspension)	--
196	Ms. Amita	Journalism and Mass Communication	Assistant Professor	
197	Mr. Guru Saran Lal	Journalism and Mass Communication	Assistant Professor (Ad hoc)	Communication theory, Electronic media
198	Mr. Sudhir Kumar	Journalism and Mass Communication	Assistant Professor (Ad hoc)	
199	Mr. Vinay Bhushan	Journalism and Mass Communication	Assistant Professor (Ad hoc)	
200	Mr. Ramavtar Yadav	Journalism and Mass Communication	Assistant Professor (Ad hoc)	
201	Ms. Purnima Uraon	Journalism and Mass Communication	Assistant Professor (Ad hoc)	
202	Mr. Pravesh Dalei	Law	Assistant Professor & Head	Business Law
203	Mr. Samannarayan Upadhyay	Law	Assistant Professor (Ad-hoc)	
204	Ms. MV Rajkumari	Law	Assistant Professor (Ad-hoc)	
205	Ms. Nikki Jaiswal	Law	Assistant Professor (Ad-hoc)	
206	Dr. Bhaskar Mukharjee	Library and Information Science	Associate Professor and Head	
207	Dr. Brajesh Tiwari	Library and Information Science	Associate Professor	Research Methods, Knowledge Organization
208	Mr. Ashwani Kumar	Library and Information Science	Assistant Professor (Ad-hoc)	Application of ICT in Libraries, Advanced Management in Libraries
209	Mr. Jitendra Kumar Gautam	Library and Information Science	Assistant Professor (Ad-hoc)	Information Retrieval and Information Processing



S. No.	Name	Department	Designation	Specialization
210	Mr. Rushmanasab R Gourikar	Library and Information Science	Assistant Professor (Ad-hoc)	
211	Ms. Jaishree Mondal	Library and Information Science	Assistant Professor (Ad-hoc)	
212	Prof. Lalit Prakash Pateriya	Management Studies	Professor & Head	Marketing OR, QT & Buss. Law
213	Prof. Harish Kumar	Management Studies	Professor	HRM & Organizational Behavior
214	Prof. S. V. S. Chauhan	Management Studies	Professor	Organizational Behavior, HRM, Research Methodology
215	Dr. Biswadeep Mishra	Management Studies	Associate Professor	Financial Management, Business Policy and Strategic Management
216	Dr. (Mrs.) Boby Bramhe Pandey	Management Studies	Assistant Professor	Marketing Management and Business Economics
217	Dr. Ramesh Kumar Chaturvedi	Management Studies	Assistant Professor	Strategic Management and Marketing Research
218	Ku. Shobhana Dewangan	Management Studies	Assistant Professor (Ad-hoc)	
219	Dr. Rajesh Kumar Bhushan	Mechanical Engineering	Associate Professor & Head	
220	Mr. Shailendra Singh	Mechanical Engineering	Assistant Professor	Machine Design
221	Mr. Prashant Jangde	Mechanical Engineering	Assistant Professor	Thermal Engineering
222	Mrs. Shweta Singh	Mechanical Engineering	Assistant Professor	Manufacturing
223	Mrs. Jasnita Poonam Ekka	Mechanical Engineering	Assistant Professor	Energy Engineering
224	Mr. Nirvikar Goutam	Mechanical Engineering	Assistant Professor (Ad-hoc)	
225	Mr. Shambhu Pd. Shukla	Mechanical Engineering	Assistant Professor (Ad-hoc)	
226	Mr. Ramesh Ku. Sonkar	Mechanical Engineering	Assistant Professor (Ad-hoc)	
227	Mr. Gourishankar Khande	Mechanical Engineering	Assistant Professor (Ad-hoc)	
228	Mr. Ajay Singh	Mechanical Engineering	Assistant Professor (Ad-hoc)	
229	Shri Amit Kumar Agrawal	Mechanical Engineering	Assistant Professor (Ad-hoc)	
230	Prof. Vishan Singh Rathore	Physical Education and Sports	Head & Director	Sports Medicine, Volleyball
231	Dr. Sanjit Sardar	Physical Education and Sports	Associate Professor	Measurement & Evaluation, Football
232	Dr. Ratnesh Singh	Physical Education and Sports	Associate Professor	Sport Biomechanics



S. No.	Name	Department	Designation	Specialization
233	Mr. Bhoj Ram Rawte	Physical Education and Sports	Assistant Professor	Sports Psychology, Kabaddi
234	Dr. Mahendra Kumar Singh	Physical Education and Sports	Assistant Professor	Sports Psychology, Basketball
235	Dr. Mahesh Singh Dhapola	Physical Education and Sports	Assistant Professor	Research Methodology, Cricket
236	Ms. Shalini Menon	Physical Education and Sports	Assistant Professor	Exercise Physiology, Badminton
237	Mr. Tilak Raj Meena	Physical Education and Sports	Assistant Professor (Adhoc)	
238	Dr. Jaswant Singh Thakur	Physical Education and Sports	Assistant Professor (Adhoc)	Exercise Physiology, Kabaddi
239	Mr. Arvind Bahadur Singh	Physical Education and Sports	Assistant Professor (Adhoc)	Sports Biomechanics, Volleyball
240	Prof. Anupama Saxena	Political Science	Professor & Head	Policy Studies, Gender Studies
241	Dr. Achchuta Nand Panda	Political Science	Associate Professor	Indian Government and Politics, Political Sociology
242	Ms. Santwana Pandey	Political Science	Assistant Professor	Indian Government and Politics, Regional Politics
243	Mr. Vivek Kumar Hind	Political Science	Assistant Professor (Ad-hoc)	
244	Dr. Rajkumar Khosla	Political Science	Assistant Professor (Ad-hoc)	
245	Dr. Ram Pratap Yadav	Political Science	Assistant Professor (Ad-hoc)	International Relation and Political Theory
246	Dr. Surendra Mishra	Political Science	Assistant Professor (Ad-hoc)	Public Policy and Local Government
247	Prof. Suresh Prasad Singh	Pure and Applied Mathematics	Professor	Approximation Theory
248	Prof. Abhay Sharan Ranadive	Pure and Applied Mathematics	Professor & Head	Mathematics of Fuzzy Sets
249	Dr. Penumarthi Parvateesam Murthy	Pure and Applied Mathematics	Associate Professor	Non-linear functional analysis (Fixed Point Theory)
250	Dr. Brij Bhushan Chaturvedi	Pure and Applied Mathematics	Assistant Professor	Differential Geometry of Manifolds
251	Dr. K. N. V. V. V. Prasad	Pure and Applied Mathematics	Assistant Professor	Non-linear functional analysis (Fixed Point Theory)
252	Dr. Manish Kumar Gupta	Pure and Applied Mathematics	Assistant Professor	Finsler Geometry
253	Dr. Sandeep Singh	Pure and Applied Mathematics	Assistant Professor	
254	Mr. Chandra Prakash Dhuri	Pure and Applied Mathematics	Assistant Professor	



S. No.	Name	Department	Designation	Specialization
255	Shri Lokesh Kumar	Pure and Applied Mathematics	Assistant Professor (Ad-hoc)	
256	Dr. Abhay Singh	Pure and Applied Mathematics	Assistant Professor (Ad-hoc)	Finsler Geometry
257	Dr. Daya Shankar Singh	Pure and Applied Mathematics	Assistant Professor (Ad-hoc)	Algebra
258	Shri Suresh Kr. Shukla	Pure and Applied Mathematics	Assistant Professor (Ad-hoc)	
259	Shri Suresh Kr. Choubey	Pure and Applied Mathematics	Assistant Professor (Ad-hoc)	
260	Ms. Juli Shrivastava	Pure and Applied Mathematics	Assistant Professor (Ad-hoc)	
261	Prof. Parmendra Kumar Bajpai	Pure and Applied Physics	Professor and Head	Experimental Condensed Matter Physics, Material Science and Laser Spectroscopy
262	Mr. Chaturanan Mallik	Pure and Applied Physics	Project Manager	Nuclear Reactions, Nuclear Instrumentation
263	Dr. Parijat Thakur	Pure and Applied Physics	Associate Professor	Astronomy & Astro Physics (Observational & Theoretical Astro Physics)
264	Dr. Hari Shankar Tewari	Pure and Applied Physics	Associate Professor	Material Science, Nano Science and Technology
265	Dr. Madhvendra Nath Tripathi	Pure and Applied Physics	Associate Professor	Condensed matter Physics / Computational Material Science
266	Dr. Ajay Kumar Gupta	Pure and Applied Physics	Assistant Professor	Experimental Condensed Matter Physics, Material Science and Laser Spectroscopy, and Low Temperature Physics
267	Dr. Goverdhan Reddy Turpu	Pure and Applied Physics	Assistant Professor	Experimental condensed matter physics, and low temperature Physics
268	Mr. Pachineela Rambabu	Pure and Applied Physics	Assistant Professor	Nanostructures
269	Dr. Pradip Das	Pure and Applied Physics	Assistant Professor	Experimental Condensed Matter Physics
270	Dr. Ram Prasad Prajapati	Pure and Applied Physics	Assistant Professor	Stability analysis in Dusty plasma, Quantum plasma, Strongly coupled and Fusion theory
271	Dr. Shiv Poojan Patel	Pure and Applied Physics	Assistant Professor	Experimental Materials Physics
272	Dr. Sunil Kumar Srivastava	Pure and Applied Physics	Assistant Professor	Raman spectroscopy, Inter-/intra-molecular interactions, and Surface Enhanced Raman Spectroscopy (SERS)



S. No.	Name	Department	Designation	Specialization
273	Dr. Tarkeshwer Trivedi	Pure and Applied Physics	Assistant Professor	Experimental Nuclear Physics: In-beam Gamma Ray Spectroscopy, Nuclear Reactions, Nuclear Instrumentation
274	Dr. Rakesh Pandey	Pure and Applied Physics	Assistant Professor	Digital Electronics & Micro Processing
275	Dr. Mahaveer Pd. Sharma	Pure and Applied Physics	Assistant Professor	Solid State Physics
276	Dr. Amarnath Sil	Pure and Applied Physics	Assistant Professor	Atomic & Molecular Spectroscopy (Theory)
277	Mr. Shailesh Kr. Suman	Pure and Applied Physics	Assistant Professor (Ad-hoc)	
278	Mr. Satyaprakash Trivedi	Pure and Applied Physics	Assistant Professor (Ad-hoc)	
279	Dr. Arun Kr. Singh	Pure and Applied Physics	Assistant Professor (Ad-hoc)	
280	Dr. Harsha Dahariya	Pure and Applied Physics	Assistant Professor (Ad-hoc)	
281	Shri Vinod Kumar Choudhary	Pure and Applied Physics	Assistant Professor (Ad-hoc)	
282	Prof. M. S. K. Khokhar	Rural Technology and Social Development	Professor	Luminescence
283	Dr. Rajendra Metha	Rural Technology and Social Development	Associate Professor & Head (From 18-09-2012)	Microbial Biotechnology and Medicinal Plant
284	Dr. Pushpraj Singh	Rural Technology and Social Development	Associate Professor	Agriculture Extension
285	Dr. Bhaskar Chaurasia	Rural Technology and Social Development	Assistant Professor	Plant pathology, Mycorrhizal Biotechnology, Plant microbe interaction
286	Dr. Devendra Kumar Patel	Rural Technology and Social Development	Assistant Professor	Plant Ecology
287	Dr. Satyendra Kumar Nirala	Rural Technology and Social Development	Assistant Professor	Applied Toxicology and Pharmacology
288	Dr. Alka Mishra	Rural Technology and Social Development	Assistant Professor	Agro Forestry
289	Mr. Dilip Kumar	Rural Technology and Social Development	Assistant Professor	Agriculture Extension
290	Dr. Naresh Chandra Agrawal	Rural Technology and Social Development	Assistant Professor (Ad-hoc)	Limnology and Entomology
291	Dr. Ajay Singh	Rural Technology and Social Development	Assistant Professor (Ad-hoc)	
292	Prof. Jawahar Singh Dangi	SLT Institute of Pharmaceutical Sciences	Professor and Head	Pharmaceutics
293	Prof. Vinod. D. Rangari	SLT Institute of Pharmaceutical Sciences	Professor	Pharmacognosy



S. No.	Name	Department	Designation	Specialization
294	Dr. Alpana Ram	SLT Institute of Pharmaceutical Sciences	Associate Professor	Pharmaceutics
295	Dr. Bharti Ahirwar	SLT Institute of Pharmaceutical Sciences	Associate Professor	Pharmacognosy
296	Dr. Dilip Pal	SLT Institute of Pharmaceutical Sciences	Associate Professor	Pharmaceutical Chemistry
297	Dr. Kamta. Prasad Namdeo	SLT Institute of Pharmaceutical Sciences	Associate Professor	Pharmaceutical Chemistry
298	Dr. Suresh Haribhau Bodakhe	SLT Institute of Pharmaceutical Sciences	Associate Professor	Pharmacology
299	Dr. Samati. K. Jain	SLT Institute of Pharmaceutical Sciences	Associate Professor	Pharmaceutics
300	Dr. Akhlesh Jain	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmaceutics
301	Dr. Arjun Patra	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmacognosy
302	Dr. Harish Rajak	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmaceutical Chemistry
303	Dr. Jagdish Singh	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmaceutical Chemistry
304	Mr. K. Kesavan	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmaceutics
305	Mr. Kedar Prasad Meena	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmaceutics
306	Ms. Meenakshi Jaiswal	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmaceutical Chemistry
307	Mr. Manoj Kumar	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmaceutics
308	Dr. Nishant Sudhir Jain	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmacology
309	Ms. Neeli Rose Beck Ekka	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmacognosy
310	Dr. Parth Pratim Roy	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmaceutical Chemistry
311	Mr. Pradeep Samal	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmacology
312	Dr. Ravishankar Pandey	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Biotechnology
313	Dr. Sunil Jain	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmaceutics
314	Mr. Sanjay Bharti	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmaceutical Chemistry
315	Dr. Sanjay Kumar Lanjhiyana	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmaceutics
316	Dr. Shiwani Rai Paliwal	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmaceutics



S. No.	Name	Department	Designation	Specialization
317	Dr. Suresh Thareja	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmaceutical Chemistry
318	Dr. Vivekanand Mandal	SLT Institute of Pharmaceutical Sciences	Assistant Professor	Pharmacognosy
319	Prof. Pratibha J. Mishra	Social Work	Professor & Head	Labour Welfare & Human Relations, Women Empowerment/ Gender Studies, Education, Research Methods, Working with Elderly, Community Development, Rural Development, Social Work Practice, Skill, Development, Health Sector
320	Ms. Archana Yadav	Social Work	Assistant Professor	Community Development, Disaster Management, NGO Management & Sustainable Rural Development
321	Dr. Sangya Tripathi	Social Work	Assistant Professor	Family & Child Welfare
322	Mr. Vikram Singh	Social Work	Assistant Professor	Social Development, Social Exclusion & Governance
323	Mr. Abdul Azeez EP	Social Work	Assistant Professor (Ad-hoc)	Medical & Psychiatric Social Work, Psycho Social Interventions, Research Methodology, Training & Development
324	Mr. Shaheid Fazal Chouhan	Social Work	Assistant Professor (Ad-hoc)	Organization Behaviour, Occupational Social Work, HIV/ AIDS & Social Work Practice, Conflict Mitigation and Peace Building
325	Mr. Xavior Vivek Jerry	Social Work	Assistant Professor (Ad-hoc)	
326	Dr. Seema Rai	Zoology	Associate Professor	Pineal-Melatonin Physiology, Neuro-endocrinology and Immunology
327	Dr. Monika Bhadauria	Zoology	Associate Professor	Toxicology and Pharmacology
328	Dr. Santosh Singh	Zoology	Assistant Professor	Biochemistry-Molecular biology and Fish Biology
329	Dr. Manish Kumar Tripathi	Zoology	Assistant Professor	Immuno-endocrinology and Fish Biology
330	Dr. Sushant Kumar Verma	Zoology	Assistant Professor	Fish Biology and Biodiversity
331	Dr. Dhiraj Kumar	Zoology	Assistant Professor (Ad hoc)	Insect Biology and Entomology
332	Dr. Iswar Baitharu	Zoology	Assistant Professor (Ad hoc)	Cognitive Neuroscience and Biochemistry



# ANNEXURE - IV

## ACADEMIC CONTRIBUTIONS OF THE FACULTY MEMBERS

### A. PUBLICATIONS

Sl. No.	Name of the Institute/ Faculty/Department	Research Papers		Articles		Books/ Chapters	Mono- graphs/	Manuals/ Others
		International	National	International	National			
<b>SCHOOL OF STUDIES IN ARTS</b>								
1	Department of English	02	01	-	-	-	-	-
	Department of Hindi	-	02	-	-	-	-	-
	Department of Journalism and Mass Communication	-	07	-	03	02	-	-
	Department of Library and Information Science	08	08	04	01	03	01	-
	Department of Physical Education and Sports	06	14	-	-	-	-	-
<b>SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY</b>								
2	Department of Chemical Engineering	-	-	-	-	-	-	-
	Department of Civil Engineering	05	-	-	-	-	-	-
	Department of Computer Science and Engineering	-	-	-	-	-	-	-
	Department of Electronics and Communication Engineering	10	-	-	-	-	-	-
	Department of Industrial and Production Engineering	06	02	-	-	-	-	-
	Department of Information Technology	-	-	-	-	-	-	-
	Department of Mechanical Engineering	03	-	-	-	-	-	-
<b>SCHOOL OF STUDIES IN LAW</b>								
3	Department of Law	-	-	01	02	-	-	-
<b>SCHOOL OF STUDIES IN LIFE SCIENCES</b>								
4	Department of Anthropology and Tribal Development	05	04	-	-	08	-	01
	Department of Biotechnology	15	-	-	-	01	-	-
	Department of Botany	15	-	-	-	02	-	-
	Department of Forensic Science	01	03	-	-	-	-	-
	Department of Zoology	06	01	-	-	-	-	-





Sl. No.	Name of the Institute/ Faculty/Department	Research Papers		Articles		Books/ Chapters	Mono-graphs/	Manuals/ Others
		International	National	International	National			
<b>SCHOOL OF STUDIES IN MANAGEMENT AND COMMERCE</b>								
5	Department of Commerce	-	-	-	-	-	-	-
	Department of Management Studies	-	-	-	-	-	-	-
<b>SCHOOL OF STUDIES IN MATHEMATICAL AND COMPUTATIONAL SCIENCES</b>								
6	Department of Computer Science and Information Technology	-	-	-	-	-	-	-
	Department of Pure and Applied Mathematics	13	01	-	-	-	-	-
<b>SCHOOL OF STUDIES IN NATURAL RESOURCES</b>								
7	Department of Forestry, Wildlife & Environmental Sciences	-	-	-	-	-	-	-
	SLT Institute of Pharmaceutical Sciences	30	14	04	05	10	-	-
	Department of Rural Technology and Social Development	07	06	-	04	-	-	-
<b>SCHOOL OF STUDIES IN PHYSICAL SCIENCES</b>								
8	Department of Chemistry	10	02	-	-	02	-	-
	Department of Pure & Applied Physics	45	03	-	-	01	-	-
<b>SCHOOL OF STUDIES IN SOCIAL SCIENCES</b>								
9	Department of Economics	-	-	-	-	01/01	-	-
	Department of Education	15	-	-	-	02	-	-
	Department of History	-	21	-	-	-	-	-
	Department of Political Science	02	03	-	03	01	-	-
	Department of Social Work	-	-	-	-	-	-	-

## B. PARTICIPATION OF FACULTY MEMBERS IN NATIONAL/INTERNATIONAL CONFERENCES/SEMINARS/WORKSHOPS

Sl. No.	Name of the Institute/ Faculty/ Department	International Seminars	National Seminars	Workshops
<b>SCHOOL OF STUDIES IN ARTS</b>				
1	Department of English	01	04	03
	Department of Hindi	-	01	-
	Department of Journalism and Mass Communication	-	-	-
	Department of Library and Information Science	03	05	03



Sl. No.	Name of the Institute/ Faculty/ Department	International Seminars	National Seminars	Workshops
	Department of Physical Education and Sports	-	02	01
	<b>SCHOOL OF STUDIES IN ENGINEERING AND TECHNOLOGY</b>			
2	Department of Chemical Engineering	03	-	01
	Department of Civil Engineering	01	-	-
	Department of Computer Science and Engineering	-	02	-
	Department of Electronics and Communication Engineering	01	01	-
	Department of Industrial and Production Engineering	09	-	02
	Department of Information Technology	05	06	-
	Department of Mechanical Engineering	-	-	03
	<b>SCHOOL OF STUDIES IN LAW</b>			
3	Department of Law	01	01	-
	<b>SCHOOL OF STUDIES IN LIFE SCIENCES</b>			
4	Department of Anthropology and Tribal Development	01	04	-
	Department of Biotechnology	-	-	05
	Department of Botany	-	-	03
	Department of Forensic Science	-	02	-
	Department of Zoology	-	-	10
	<b>SCHOOL OF STUDIES IN MANAGEMENT AND COMMERCE</b>			
5	Department of Commerce	-	-	-
	Department of Management Studies	-	-	-
	<b>SCHOOL OF STUDIES IN MATHEMATICAL AND COMPUTATIONAL SCIENCES</b>			
6	Department of Computer Science and Information Technology	-	-	-
	Department of Pure and Applied Mathematics	08	07	02
	<b>SCHOOL OF STUDIES IN NATURAL RESOURCES</b>			
7	Department of Forestry, Wildlife & Environmental Sciences	-	-	-
	SLT Institute of Pharmaceutical Sciences	34		2
	Department of Rural Technology and Social Development	01	06	04



Sl. No.	Name of the Institute/ Faculty/ Department	International Seminars	National Seminars	Workshops
<b>SCHOOL OF STUDIES IN PHYSICAL SCIENCES</b>				
8	Department of Chemistry	05	04	-
	Department of Pure & Applied Physics	02	15	12
<b>SCHOOL OF STUDIES IN SOCIAL SCIENCES</b>				
9	Department of Economics	-	04	-
	Department of Education	02	13	-
	Department of History	-	11	-
	Department of Political Science	01	02	01
	Department of Social Work	-	-	-

### C. RESEARCH PROJECTS

#### • ONGOING RESEARCH PROJECTS (FROM 01-04-2013 TO 31-03-2014)

S. No	Title of Project	Principal Investigator	Funding Agency	Worth in Lakhs	Sanction Letter No. with date	Duration of Project	Grants received (in Rs.)
1.	Neuroendocrine Modulation of Lymphocyte Function in Albino Rat <i>Rattus Norvegicus</i> : Role of Endogenous Melatonin and Catecholamine.	Dr. Seema Rai	UGC	11.738	F.No.41- 94/2012 (SR) 13 Jul. 2012	3 Years	5,28,800
2.	Melatonin Receptor (mt1/mt2) Expression Following Steroid (adrenal/ gonadal) Induced Toxicity Inlymphocytes(blood & spleen).	Dr. Seema Rai	UGC BSR Research Startup grant)	6. Lakhs	F.No. 20-1/2012(BSR)/20-3 (3)/2012 (BSR)	1 year	6.00
3.	DBT Builder Action of Metatonin on Ovarian Free Radical Load and Sytokine (s) Secretion in Normal as well as Experimentally Induced Auovulatory Condition in Rat an Invivo and Invitto Study.	Dr. Seema Rai	DBT	1.557 Crore	BT/PR7O20/ INF/22/172/2012	-	1.557 Crore
4.	Gender Mainstreaming of Information Communication Technology(ICT) Policies and Programme in India 'A Comparative Study of Madhya Pradesh & Chhattisgarh.	Dr. Anupama Saxena	ICSSR	6.9 015 Lakhs	F.No02/287/2011/ RP 27 Mar. 2012	2 years	2.568 Lakhs



S. No	Title of Project	Principal Investigator	Funding Agency	Worth in Lakhs	Sanction Letter No. with date	Duration of Project	Grants received (in Rs.)
5.	Comparative Study of Policy Formulation process in Madhya Pradesh and Chhattisgarh.	Dr. Anupama Saxena	British Academy	Collaborative Project	Details are available at <a href="http://www.cspppindia.org">http://www.cspppindia.org</a>	-	-
6.	Assessment of Air Pollutants in Tropical Forest of Northern Chhattisgarh.	Prof. S.S. Singh	Ministry of Environment & Forest (MoEF) New Delhi	57.19	F.No. 13-08/2010 RE	-	57.19
7.	Application of RS & GIS for Integrated Management of Hasdeo River Watershed (A Tributary of Mahanadi River) in Chhattisgarh.	Prof. S.S. Singh (Co-Investigator) Prof. S.P. Singh	Ministry of Environment & Forest (MoEF) New Delhi	50.03	F.No.13/08/2010-RE dt. 14 Jan. 2013	-	50.03
8.	Vesicular Arbuscular Mycorrhizal Fungi in Important Forest Species Planted in Entisol Soil of Eastern Chhattisgarh and its Exploitation for the Production of Quality Nursery Stock.	Dr. K.K. Chandra	UGC	13.82	F.No.42-740/2013 (SR)	-	13.82
9.	Thermal Modification of Wood for Improving Physical and Moisture Related Properties of Plantation Grown Species.	Dr. M.K. Dubey	UGC	12.84	-	-	12.84
10.	Role of Peoples Participation from Forest Protection and Sustainable Ecosystem Management in Janjgir Champa District of Chhattisgarh.	Dr. Garima Tiwari	UGC	6.00	F.20-25(03)2012 BSR	-	6.00
11.	MODROB for Pharmaceutics Laboratory.	Prof. J.S. Dangi	AICTE	12.00	-	-	12.00
12.	Phytochemical Investigations and Anti Sicking Activity Study of Medicinal Plants.	Dr. V.D. Rangari	AICTE	19.40	-	-	19.40
13.	Phytochemical Investigation and Fracture Healing Activity Studies of Medicinal Plants.	Dr. V.D. Rangari	AICTE	12.80	-	-	12.80
14.	Design, Synthesis and Pharmacological Evaluation and Novel Combretastatin A-4 Analogues as Anticancer Agent.	Dr. Harish Rajak	UGC-MRP	10.05 Lakhs	40-275/2011 (SR)	3 years	8.28 Lakhs



S. No	Title of Project	Principal Investigator	Funding Agency	Worth in Lakhs	Sanction Letter No. with date	Duration of Project	Grants received (in Rs.)
15.	Dosage Form Development and Evaluation of Phytomedicines of Effective Treatment of Lymphatic Filariasis Disease Prevalent Among Indian Population.	Dr. S.K. Lanjhiyana	UGC	5.14 Lakhs	F.No-41-740/2012 (SR) 23 Jul. 2012	3 years	5.14 Lakhs
16.	Synthesis and Biological Evaluation of Some Novel 2-N Substituted Pthalarine 1-4 Dione Analogues for Their Potential Antihypertensive Activity.	Dr. K.P. Namdeo	AICTE	12.00	-	-	12.00
17.	Lectine Conjugated Multiparticulate Delivery System for the Effective Treatment of H. Pylori Infection.	Dr. Sunil Kumar Jain	AICTE	12.00	20/AICTE/RIFD/RSP(Policy-III)	-	12.00
18.	Development & Characterization of Natural Biodegradable Polysaccharides Based Multiparticulate Formulations.	Dr. S.K. Lanjhiyana	AICTE	20.00	-	-	20.00
19.	Development of Targeted Nanovector System(s) for Intracellular Delivery of Cytotoxic Agents (SERB/LS-428/2013).	Dr. Shivani Rai Paliwal	DST	27.00	SERB/LS-428/2013	-	27.00
20.	Ethanopharmacological Studies of Some Traditional Medicinal Plants.	Prof. J.S. Dangi & Dr. S.H. Bodakhe	UGC SAP	75.00	F-3-60/2011 dt.13 Jul. 2011	5 years	41.00
21.	Synthesis and Biological Evaluation of Histone Deacetylase Inhibitors.	Prof. J.S. Dangi	AICTE RPS	14.5 Lakhs	8023/RID/RPS-63/2010-11	2 years	14.42
22.	MODROB for Pharmaceutics Laboratory.	Prof. J.S. Dangi	AICTE	12.00	-	-	12.00
23.	Phytochemical Investigations and Anti Sicking Activity Study of Medicinal Plants of Chhattisgarh State.	Dr. V.D. Rangari	AICTE	19.40	20/AICTE/RIFD/RPS(Policy-III)12/2013-14	-	19.40
24.	Phytochemical Investigation and Fracture Healing Activity Studies of Medicinal Plants.	Dr. V.D. Rangari	UGC	12.80	42-696/ 2013(SR)	-	12.80



S. No	Title of Project	Principal Investigator	Funding Agency	Worth in Lakhs	Sanction Letter No. with date	Duration of Project	Grants received (in Rs.)
25.	Development of Phytoformulations for Crohn's Disease.	Dr. K.P. Namdeo	AICTE	17.08	8-160/ RIFD/ RPS/ Policy-IV	-	17.08
26.	Isolation of Secondary Metabolites and Evaluation of Antisteroidogenic Activities of Some Potential Indian Medicinal Plants Obtained Locally from Chhattisgarh State.	Dr. Dilip Kumar Pal	UGC	13.23	-	-	13.23
27.	Design and Synthesis of Novel Estrone-Deacetylase Inhibitors for Their Anticancer Activity.	Dr. Harish Razak	DST	27.00	-	-	27.00
28.	Development of Colon Targeted New Generation Vaccine Formulation.	Dr. Ravi Shankar Pandey	UGC-MRP	7.228	F.No-41-742/2012 (SR) 23 Jul. 2012	3 years	7.228
29.	Photochemical and Pharmacological Evaluation of Some Potential Antigenotoxic Plant.	Dr. Pradeep Kumar Samal	UGC-MRP	3.20	F.No-41-729/2012 (SR) dt. 23 Jul. 2012	3 Years	3.20
30.	Development of Colloidal Carriers for Mucosal Vaccination.	Dr. Akhilesh Jain	UGC –Start up	6.00 I	F.20-1/2012(BSR)/ 20-10 (3)/ 2012	2 years	5.40
31.	Computational Prediction of Cytochrome P-450 Enzyme Inhibitors.	Dr. P.P. Rai	UGC	6.00	20-21 (3 )BSR (2012)	-	6.00
32.	To Assess the Amtoabuse Potential of Central Histamine Receptor Analogs for Anxiety Related Reinforcing Effect of Nicotine.	Dr. Nishant S. Jain	UGC	6.00	20-23(3)BSR(2012)	-	6.00
33.	Pharmacological Evaluation Quality Control and Standardization of Some Potential Antidiabetic Plants.	Dr. Arjun Patra	UGC	6.00	20-14(3)BSR(2012)	-	6.00
34.	Synthesis Characterization and Antiproliferation of Oxadiazole Derivatives.	Dr. Jagdish Singh	UGC	6.00	20-19(3)BSR(2012)	-	6.00
35.	Computer Aided Design, Synthesis and Study of Novel PTP-IB Inhibitors as Potential Antidiabetic Agents.	Dr. Suresh Tareja	UGC	6.00	20-19(3)BSR(2012)	-	6.00



S. No	Title of Project	Principal Investigator	Funding Agency	Worth in Lakhs	Sanction Letter No. with date	Duration of Project	Grants received (in Rs.)
36.	A Chemometric Way of Strategizing Extraction of Nutraceutical Phenolic Antioxidants with Subcritical Water as An Eco-Convenient Extraction Fluid :An Accelerated Green Approach for Meeting Industrial Demand.	Dr. Vivekanand Mandal	UGC	6.00	20-27(3)BSR(2012)	-	6.00
37.	Design and Synthesis of Some Novel Metal (Co. Ni, Ga Complexes of Bi/tridentate Ligand(s) as Potential Nucleolytic & Anticancer Agents.	Dr. Sanjay Kumar Bharti	UGC	6.00	20-28(3)BSR(2012)	-	6.00
38.	Mucoadhesive Chitosan Coated Cationic Nanoemulsion: Ocular Drug Delivery System.	Dr. K. Kesavan	UGC	6.00	20-29(3) BSR (2012)	-	6.00
39.	Chemical Characterization of Few Indigenous Plants Chhattisgarh State and Their Evaluation for Therapeutic Potential and Safety Against Experimental Hepatitis.	Dr. S.K. Nirala	UGC-Startup	6.00 lakhs	F.20-1/2012 (BSR)/20-10(3)/2012 (BSR), 14 Sep. 2012	2 years	5.40 Lakhs
40.	Tunneling Nanotubes Exploration of Possible Target for Anticancer Therapies.	Dr. S.K. Nirala	DST	17.08 lakhs	SERC/ LS-0424/ 2010 13 Aug. 2012	3 years	5.00 lakhs
41.	Ex Situ Conservation Important Medicinal and Aromatic Plants (MAPs) Resources from Chhattisgarh in GGV Bilaspur (CG).	Dr. D.K. Patel	UGC	6.00	F.20-17(3) 2012 (BSR) Feb. 2013	-	6.00
42.	Invertigations on the Properties and Optimization of the Matuide for Room Temperature Magnetic Refrigeration Application.	Dr. Soma Das	UGC	12.330	42-908/2013 (SR)	-	12.330
43.	Process Optimization of Conditions for Extraxction and Purification of Lignin from Agro and Forest Wastes Using Physio-chemical and Biological Approach.	Dr. B.N. Tiwary	UGC	10.03	F-1831/ 2011	3 years	10.03



S. No	Title of Project	Principal Investigator	Funding Agency	Worth in Lakhs	Sanction Letter No. with date	Duration of Project	Grants received (in Rs.)
44.	Exploring Fungal Diversity from Selected area or Assam Using Biochemical & Molecular Approach for Industrially Important Biomoleculars.	Dr. Pradeep Verma & Dr. Renu Bhatt	DBT	30.82	BT/304/NE/TBP/2012, 4 Dec. 2012	3 years	30.82
45.	DBT Builder Scheme to Boost Interdisciplinary Research in School of Life Sciences (Botany, Biotechnology and Zoology).	Prof. B.N. Tiwary (Proj. Co-ordinator)	DBT	369.80	BT/PR/7020/INF/22/172/ 2012	-	369.80
46.	Studies on Diversity of Entomopathogenic Fungi of Chhattisgarh Understanding the Molecular Mechanism of Entomopathogenesis for Bioprospecting.	Prof. B.N. Tiwary (Proj. Co-ordinator)	DBT	33.64	BT/PR/4484/AGR/05/570/ 2012	-	33.64
47.	Application of Accacia & Rice Husk Liguin in the Synthesis of Biopolymer, Biotiem and Resins.	Dr. Harish Rajak	UGC	11.268 Lakhs	F-41-543/2012 (SR) 17 Jul. 2012	3 years	7.028 Lakhs
48.	Exploitation of Exopolysaccharide Producing Bacterial/Fungi Strain from Chhattisgarh Having Potent Biotech Applications.	Ms. Alka Ekka	UGC	1.25	F-42-1027/ 2013(SR)	-	1.25
49.	Identification of Intermediate Metabolites for Linking Missing Links in the Biosynthetic Pathways of Desired Chemical Constituents in Target Plant Species.	Dr. Pradeep Naik	DBT	68.65	BT/01/CE113/09/V/02	-	68.65
50.	Fabrication of Energy Harvesting Prototypes Using Piezoelectric Materials.	Dr. Pradeep Naik (Co- PI)	DRDO	9.68	118/JUIT-3/DIHAR	-	9.68
51.	Genetic Analysis to Avoid Inbreeding of the Endangered Western Tragopan in the Aviaries of Himachal Pradesh.	Dr. Pradeep Naik (Co- PI)	DST	11.5	SR/50/A-3-42/2011	-	11.5
52.	Development of Business Intelligence Model of Army Personnel's at Higher Altitude.	Dr. Pradeep Naik (Co- PI)	DRDO	9.90	118/JUIT-12/DIHAR	-	9.90





S. No	Title of Project	Principal Investigator	Funding Agency	Worth in Lakhs	Sanction Letter No. with date	Duration of Project	Grants received (in Rs.)
53.	Design and Development of Nanoparticles as Biochemical Probes and Sensors for the Detection of Biomolecules and Organic Toxicants.	Dr. K.K. Shriwas	DST	24.00	SERB/F/SS07/2013-1	-	24.00
54.	Synthesis and Characterization of Smart Polymeric Hydrogels Through Free Radical Polymerization Process.	Dr. Arti Shrivastava	UGC	9.868	F.No. 42-387/2013 (SR)	-	9.868
55.	ASYMMETRIC Catalysis Using Carbon Nano Tube.	Dr. K.V.S. Ranganath	DST	40.00	-	-	-
56.	Synthesis of Dinuclear Chiral (Salen) CoMX <sub>n</sub> Complex and Their Catalytic Application Towards Asymmetric Hydrolytic Kinetic Resolution of Terminal Epoxides.	Dr. S.S. Thakur	UGC	6.00	-	-	6.00
57.	Novel Mesoporous Ru-MCM-48 Materials for the Development of Green Synthesis Methodologies.	Dr. Subhash Banerjee	DST	27.00 lakhs	-	3 years	27.00
58.	Designing & Synthesis of Novel Amino Acids Modified Imidazolium Based Chiral Ionic Liquids for Asymmetric Synthesis.	Dr. Subhash Banerjee	UGC-Startup	6.00 lakhs	No.F20-1/2012 (BSR) 20-8(03)/2012 (BSR) 30 Oct. 2012	2 years	5.40 lakhs
59.	Access to Novel Imino-/Thiosugar Scaffolds from Renewable Bioresources.	Dr. V.K. Rai	CSIR	18.00 lakhs	N0.01(2441)/10/EMR-II dt. 4 Jan. 2011	3 years	6.36473 & 5,59308 Rs.
60.	Access to Potentially Antiviral Novel Nucleosides Using Microwave Methodology.	Dr. V.K. Rai	UGC	5.558 lakhs	F-39-764/2010 (SR)	3 years	2.11588 Rs.
61.	NHC-/Enamine-Iminum Catalysis in Stereocontrolled Construction of Bioactive Scaffolds.	Dr.V.K. Rai	DST	26.70 lakhs	No.SR/FT/CS-99/2010	3 years	15.00 lakhs
62.	Green Enzymatic Routes to Liquid Polyols as Precursor for Polyurethane Manufacturing Towards a Sustainable Development.	Dr. Bhaskar Sharma	UGC	5.40	-	-	5.40



S. No	Title of Project	Principal Investigator	Funding Agency	Worth in Lakhs	Sanction Letter No. with date	Duration of Project	Grants received (in Rs.)
63.	A Novel Amperometric Pesticide Biosensor for Organophosphates/ Carbamates Based on Acety/Cholinesterase Immobilized on Grapheme-Gold Nanoparticles (AuNPs) Composite.	Dr. Manorama	UGC	12.408	-	-	12.408
64.	Some Fixed Point Problems in Different Spaces and Their Possible Applications.	Dr. P.P. Murthy	UGC	10.436	F.No.42-32/2013 (SR) dt. 12 Mar. 2013	-	10.436
65.	Study of Complex Manifolds with Semi- Symmetric Metric and Non Metric Connections.	Dr. B.B. Chatruvedi	UGC	6.00	Start up	-	6.00
66.	Study of Vegetable Oil Leaching in Fluidized Bed Extr.	Dr. S.N. Saha	UGC	14.56 Lakhs	41-368/ 2012(SR) 17 Jul. 2012	3 years	9.92 lakhs
67.	Size Effect and Characterization of Fracture Parameters for Crack Propagation in Concrete.	Dr. Shailendra Kumar	UGC	13.868	F.No.42-162/2013 (SR)	-	13.868
68.	Normal and Medium Strength Concrete with 100% Recycled Coarse Aggregate.	Dr. M.C. Rao	CSIR	13.70	No.70(0069)/11/ EMR-II dt. 11 Jan. 2013	-	13.70
69.	DST-FIST Level-1.	Prof. P.K. Bajpai (Co-ordinator)	DST/ FIST	80.00 Lakhs	SR/FST/ PSI-180/ 2012, 2012-2017	5 years	-
70.	Spl. Grants for Establishing Particle Accelerator Facility(2012).	Prof. P.K. Bajpai, (Co-ordinator)	UGC	1100 Lakhs	F.No-38-5/2011 (CU)	-	-
71.	A-UGC-SAP (DRS-1) (B)- SAP-DRS-I Fund of Development of Infrastructural Facilities to Supported Departments.	Prof. P.K. Bajpai, (Co-ordinator)	SAP, DRS-I UGC	75.00 Lakhs, 20 Lakhs	F-530/2/ DRS/ 2012(2012-2017) F. 4-1/ 2006 (BSR)/7-406/2012 (BSR) 2012	5 years	3.20 Lakhs
72.	Relaxor Behaviour and Dielectric Relaxation in Bismuth Sodium Niobate Based Non-Lead Relaxors: Solid Solutions with Perovskite, Colum Bite and Tungsten Bronze Phases.	Prof. P.K. Bajpai, (Investigator)	UGC	13.49 lakhs	F.No-41-884/2012 (SR) 2012-15	3 years	-



S. No	Title of Project	Principal Investigator	Funding Agency	Worth in Lakhs	Sanction Letter No. with date	Duration of Project	Grants received (in Rs.)
73.	Effects of Heavy Metals/ Metalloids Contamination of Soils on Micronucleus Induction in Tradescantia and on Microbial Enzyme Activities.	Dr. S.K. Prajapati	UGC	8.03 Lakhs	41-428/ 2012(SR) dt. 16 Jul. 2012	3 years	4.493 lakhs
74.	Density Functional Study of Magneto-Opto-Electronic Properties of Transparent Conducting Oxides(P1).	Dr. M.N.Tripathi, P/c & Investigator and co- P/I Prof. P.K. Bajpai	UGC	3.55 lakhs	F.No-41-1009/ 2012(SR)(2012-15)	3years	
75.	Sythesis and Development of Double Mixed Perovskite Oxide Based Lead Free Piezoceramics.	Dr. H.S. Tewari	UGC	14.34 Lakhs	F.No-41-954/2012 (SR) 2012-15	3 years	10,29,800

• **Sanctioned Research Projects (01 April 2013 to 31 March 2014)**

**Research Projects Sanctioned by UGC**

S. No.	Principal Investigator's Name	Department	Agency	Project Details	Sanction Amount (Rs in Lakhs)
1.	Prof. P.K. Bajpai	Pure & Applied Physics	DST	First Programme	85.00
2.	Dr. Pradeep Verma & Dr. Renu Bhatt	Biotechnology	DBT	Exploring Fungal Diversity from Selected Area of Assam Using Biochemical and Molecular Approach for Industrially Important Bio-Molecules (Project Transferred to Central University of Rajasthan Vide order no. 584/Dev/2013 Dt. 23-09-2013.	12.89
3.	Dr. Pradeep Kumar Singh	Botany	SERB	Isolation and Characterization of Glomalin Protein Produced by Arbuscular Mycorrhizal Fungi in Different Stress Conditions.	22.45
4.	Prof. P.K. Bajpai	Pure & Applied Physics	DAE (BRNS)	NCAR at GGV, Bilaspur.	500.00
5.	Dr. K.V.V. Prasad	Pure & Applied Mathematics	UGC	Start up Grant	06.00
6.	Dr. Bhaskar Mukherjee	Library & Inf. Science	DST	Measuring Scientific Value of Indian Journals: A Pilot Study on Physics, Chemistry, Biology Journals.	12.344



S. No.	Principal Investigator's Name	Department	Agency	Project Details	Sanction Amount (Rs in Lakhs)
7.	Dr. B.N. Tiwary	Biotechnology	DBT	Studies on the Diversity of Entomopathogenic Fungi of Chhattisgarh Understanding the Molecular Mechanism of Entomopathogenesis for Bioprospecting.	33.64
8.	Dr. Bhaskar Chourasia	Rural Technology	UGC	Start up Grant.	06.00
9.	Dr. R.P. Prajapati	Physics	SERB	Linear and Non Linear Instabilities in Dusty and Quantum Plasmas.	11.76
10.	Dr. K.V.S. Ranganath	Chemistry	DST (SERB)	Asymmetric Catalysis Using Carbon Nano Tube.	40.00
11.	Dr. Pradeep Das	Pure & Applied Physics	SERB	Synthesis of Topological Insulators and Investigation of Their Topological Properties by Transport Magnetization, Hall Measurements.	22.56
12.	Dr. Manish Kumar Gupta	Pure & Applied Mathematics	UGC	Start up Grant	06.00
13.	Dr. Kamlesh Kumar Shriwas	Chemistry	SERB	Design and Development of Nanoparticles as Biochemical Probes and Sensors for the Detection of Biomolecules and Organic Toxicants.	24.00
14.	Prof. J.S. Dangi	Pharmacy	AICTE	MODROB for Pharmaceutics Laboratory.	12.00
15.	Dr. V.D. Rangari	Pharmacy	AICTE	Phytochemical Investigations and Anti Sicking Activity Study of Medicinal Plants.	19.40
16.	Dr. V.D. Rangari	Pharmacy	AICTE	Phytochemical Investigation and Fracture Healing Activity Studies of Medicinal Plants.	12.80
17.	Dr. Harish Rajak	Pharmacy	UGC-MRP	Design, Synthesis and Pharmacological Evaluation and Novel Combretastatin A-4 Analogues and Anticancer agent.	10.05
18.	Dr. S.K. Lanjhiyana	Pharmacy	UGC	Dosage form Development and Evaluation of Phytomedicines of Effective Treatment of Lymphatic Filariasis Disease Prevalent Among Indian Population.	05.30
19.	Dr. K.P. Namdeo	Pharmacy	AICTE	Synthesis and Biological Evaluation of Some Novel 2-N Substituted Pthalazine 1-4 Dione Analogues for Their Potential Antihypertensive Activity.	12.00



S. No.	Principal Investigator's Name	Department	Agency	Project Details	Sanction Amount (Rs in Lakhs)
20.	Dr. Sunil Kumar Jain	Pharmacy	AICTE	Lectine Conjugated Multiparticulate Delivery System for the effective Treatment of H. Pylori Infection.	12.00
21.	Dr. S.K. Lanjhiyana	Pharmacy	AICTE	Development & Characterization of Natural Biodegradable Polysaccharides Based Multiparticulate Formulations.	20.00
22.	Dr. Shivani Rai Paliwal	Pharmacy	DST	Development on Targeted Nanovector System(s) for Intracellular Delivery of Cytotoxic Agents (SERB/LS-428/2013)	27.00
23.	Dr. Harish Rajak	Pharmacy	DST	Design and Synthesis of Navel his Tone Deacetylase Inhibitors for Their Anticancer Activity.	27.00
24.	Dr. Rajesh Kumar Bhushan	Mechanical (IT)	UGC	Experimental and Computational Analysis of Fabrication of Metal Matrix Composites(MMCs)	05.27
25.	Dr. S.K. Nirala	Rural Technology	UGC	Influence of Phytochemicals on Resurgence of Acrylamide Induced Hepato, Nephro and Encephalopathy.	13.29
26.	Prof. B.N. Tiwary	Biotechnology	DBT	Studies on Diversity of Entomopathogenic Fungi of Chhattisgarh Understanding the Molecular Mechanism of Entomopathogenesis for Bioprospecting.	33.64
27.	Ms. Alka Ekka	Biotechnology	UGC	Exploitation of Exopolysaccharide Producing Bacterial/Fungi Strain from Chhattisgarh Having Potent Biotech Applications.	01.25
28.	Dr. Pradeep Naik	Biotechnology	ICMR	In Vitro and In Vivo Evaluation of Synergistic Effect of Novel Microtubule-Interfering Agent. Amino-Noscapine and Taxotere for Prostate Cancer Therapy.	42.35
29.	Dr. D. Shukla	Biotechnology	DST (YOUNG SCIENTIST)	Role of GPNMB in Pathogenesis of Bronchopulmonary Dysplasia.	20.20
30.	Dr. D. Shukla	Biotechnology	UGC	Therapeutic Approach for HSPS Syndrome Using Antioxidant and Mitochondrial Biogenesis Enhancers.	10.30
31.	Dr. Pradeep Naik (Co-PI)	Biotechnology	DBT	Chemical Profiling of Turmeric from Different Agroclimatic Regions and Optimization of Environmental Parameters for High Curcumin Yield.	34.52



S. No.	Principal Investigator's Name	Department	Agency	Project Details	Sanction Amount (Rs in Lakhs)
32.	Dr. Pradeep Naik (Co-PI)	Biotechnology	DBT	Establishment of An Assay Using Human Embryonic Stem Cell Derived Cardiac Precursors from KIND2 cells for Cytotoxicity Testing.	45.00
33.	Dr. Renu Bhatt	Biotechnology	DBT	Exploring Fungal Diversity from Selected Areas of Assam Using Biochemical and Molecular Approaches for Industrially Important Biomolecules.	27.00
34.	Dr. Arti Shrivastava	Chemistry	UGC	Synthesis and Characterization of Smart Polymetric Hydrogels Through free Radical Polymerization Process.	09.868
35.	Dr. Ashwini Kumar Dixit	Botany	NTPC	Aquatic and Terrestrial Ecological Studies of NTPC Seepat Area.	13.09
36.	Dr. Sudhir Kumar Pandey	Botany	DST	Plant Specific Emission Patterns of VOC's with Respect to Global Carbon Budget.	25.00

• **Submitted Proposals**

S. No.	Submission date	Name of Faculty Member	Type of Project	Agency	Proposed Grants (Lakhs)
1.	08.04.13	Dr. Alpana Ram	MRP	UGC	12.00
2.	13.04.13	Dr. Harish Razak	MRP	DST/CSIR	11.96899
3.	22.04.13	Dr. Shivani Rai Paliwal	MRP	DST/Young scientist	27.37809
4.	22.04.13	Dr. Surendra H. Bodakhe	MINOR	CCOST	02.00
5.	25.04.13	Dr. Surendra H. Bodakhe	MRP	MINISTRY OF HEALTH AND FAMILY WELFARE	30.00
6.	27.05.13	Dr. Kedar Pd. Meena	MINOR	UGC	02.00
7.	18.05.13	Dr. Bharti Ahirwar	MRP	UGC	14.38
8.	31.05.13	Meenakshi Jaiswal	MRP	CCOST	05.00
9.	05.06.13	Dr. Shivani Rai Paliwal	MRP	CCOST	05.00
10.	02.07.13	Dr. Babita Manjhi	MAJOR	DST	23.00
11.	28.10.13	Dr. Bhasker Mukherjee	MAJOR	DST	11.84
12.	31.10.13	Dr. Renu Bhatt	MAJOR	UGC	16.48
13.	17.10.13	Dr. R.P. Prajapati	MAJOR	DST	11.76



S. No.	Submission date	Name of Faculty Member	Type of Project	Agency	Proposed Grants (Lakhs)
14.	24.12.13	Dr. Rajesh Kumar Bhushan	MRP	DST(SERB)	76.6
15.	06.02.14	Dr. Santosh Singh	START UP	UGC	06.00
16.	06.02.14	Dr. S.K. Verma	START UP	UGC	06.00
17.	07.02.14	Dr. Bharti Ahirwar	MAJOR	MINISTRY OF HEALTH AND FAMILY WELFARE	29.635
18.	11.02.14	Dr. Bharti Ahirwar	MAJOR	DST	24.98
19.		Dr. Vinod D. Rangari	MAJOR	DST(SERB)	03.47 Crore
20.		Dr. K.P. Namdeo	MAJOR	UGC	12.00
21.		Dr. Surendra H. Bodakhe	MAJOR	AICTE	25.00
22.		Dr. Nishant S. Jain	MAJOR	AICTE (MODRB)	
23.		Dr. Alka Mishra	Start-up	UGC	06.00
24.	Nov-13	Dr. Renu Bhatt	MAJOR	UGC	16.00
25.		Dr. G.K. Patra	MAJOR	UGC	20.00
26.		Dr. G.K. Patra	MAJOR	CSIR	22.00
27.		Dr. R.S. Thakur	MAJOR	UGC	17.46
28.		Dr. Anil Chandraker	MAJOR	UGC	19.81
29.		Dr. L.P. Pateriya	MINOR	UNIV. DEV. FUND	02.95
30.		Dr. S.V.S. Chouhan	MINOR	UNIV. DEV. FUND	03.00
31.		Dr. Ashwini Kumar Dixit	MAJOR	UGC	23.21
32.		Dr. Sudhir Kumar Pandey	MAJOR	UGC	16.08





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