

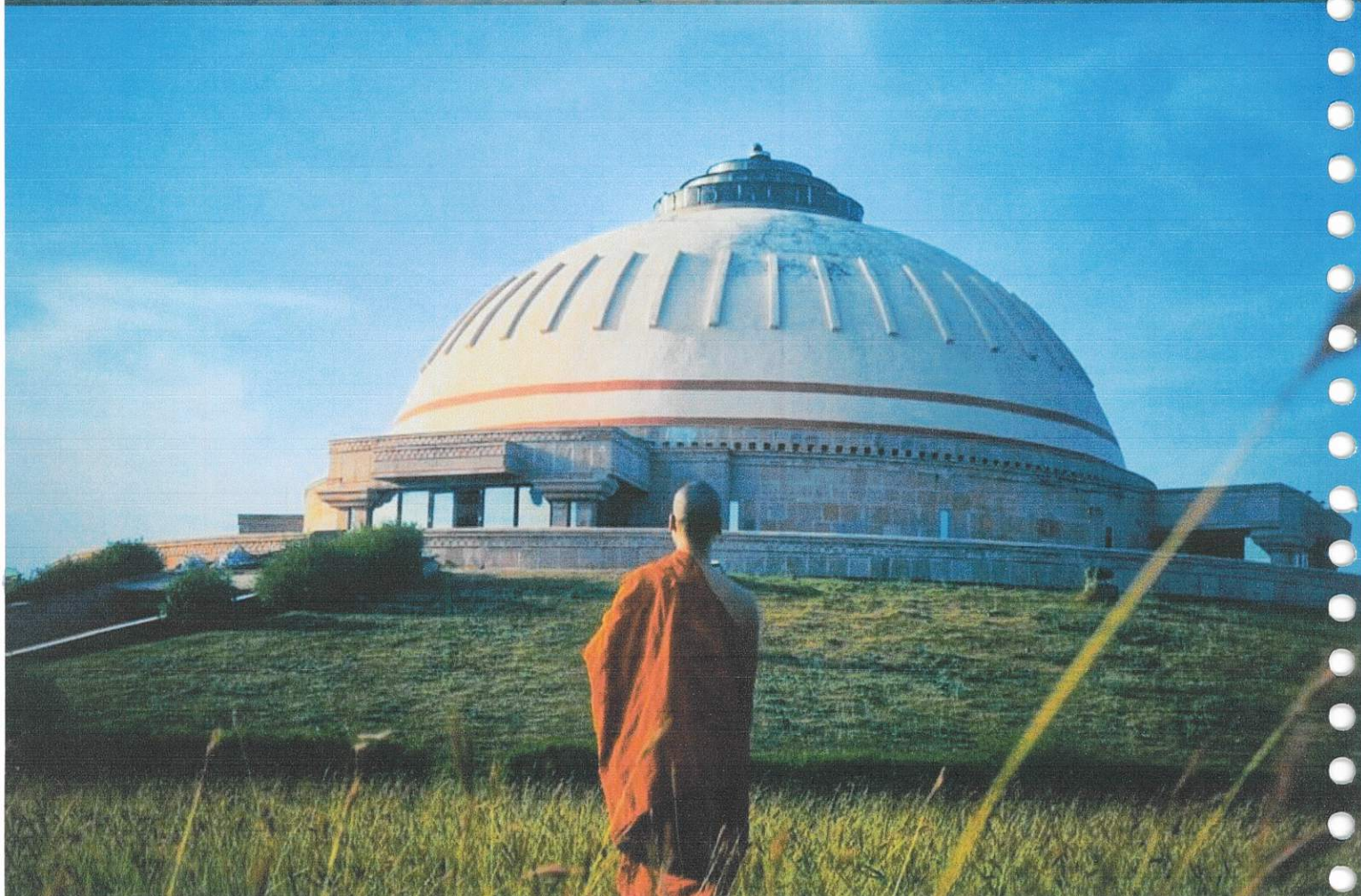
# GAUTAM BUDDHA UNIVERSITY

Established by the Uttar Pradesh Gautam Buddha University Act 2002, UP Act No. 9 of 2002

Annual Report  
2022-2023











**PROF. RAVINDRA KUMAR SINHA**  
**Vice Chancellor**

The University has seen considerable growth in the past few years, with the introduction of new courses of study, new disciplines, and new initiatives taken for the larger benefit of students to help them grow academically and prepare them for a global society through curricular innovation and program development. In the age of globalization, Gautam Buddha University has set out to make its presence felt globally through internationalization of its various programmes and opening new avenues of association for international student community. Here, it is imperative to mention that University has adopted National Education Policy 2020 in principle and offering Undergraduate Programme of 4 years B.A./B.Sc./B.Com. (H) with multiple exitoptions. In the same line, University is introducing new programmes B.A. B.Ed./ B.Sc. B.Ed./ B.Com. B.Ed. (under ITEP), M A (Hindu Studies), & M A (Linguistics) along with weekend programmes for working professionals M. Tech. in Computer Science and Engineering, MBA (Executive), LLM, B. Tech (CE), and M. Tech (CE).

The University endeavors to employ, a variety of interventions to enhance employability of the passing out students through several skill development programmes. The overall thrust of the university is to enhance quality and innovativeness in teaching- learning and research, integrate our national ethos in teaching and make an effort to ingrain the ethics and values in the conduct and behavior of the students, passing out from this university.

The University has world class state-of-the-art infrastructure with IT facilities and well-found laboratories having advanced analytical instrumentation and computing facilities. The University promotes multi-dimensional growth with emphasis on an integrated physical and intellectual training. The Eklavya Sports Complex in the University is spread over 47 acres with indoor and outdoor stadium of global standards, equipped with state-of-the art sports facilities for almost all popular games.

University is commencing its admission process with the announcement of offering 130+ programmes out of which 26 new programmes encompassing many new and sunrise disciplines of studies to the prospective students. Among these emerging sunrise field of studies, the University has included programmes in ArtificialIntelligence, Machine Learning, Internet of Things, Cyber Security, Data Science, Railway Signaling & RAMS, Molecular Medicines, Genomics, Bio-informatics, Microbial Biotechnology, Buddhist Tourism and Heritage, Interior Design, Bio-medical Engineering, Electric Vehicles, Polyurethane Technology, Environment Management, Clinical Psychology, etc. All such programmes related with emerging sectors and sunrise technologies in synchrony with the essence of predominant Buddhist Ethical Practices would place India in the front rank of advanced nations.



# Annual Report

## Year: 2022-23

---

This Annual Report contains the details of the academic year i.e., 2022-2023 of the University. This report covers major activities and achievements during the post pandemic period. This is an attempt to present initiatives, developments, accomplishments, and accolades, the University has earned during this year.

The report is divided into six chapters and details are as under as per the following details:

Chapter-01	Prologue and a brief Introduction of the University
Chapter-02	A brief description and development of infrastructure
Chapter-03	An Overview of the Intellectual Capital of the University
Chapter-04	Information about central admissions process
Chapter-05	Examination details
Chapter-06	Academic supports extended to the students and teachers in the smooth functioning of the University
Chapter-07	Detailed information of Departments and Schools
Chapter-08	Gives a brief note on Extra Curricular Activities
Chapter-09	Gives a brief note on finances of the University of this year

**PS:** The information and data compiled here are procured from various departments and sections. We welcome and acknowledge any feedback on some unintentional gaps and printing errors.



## Chapter-01

### General Information

---

**1.1** Gautam Buddha University, established by the Uttar Pradesh Act (9) of 2002, commenced its first academic session at its 511 acres [now 454.76-acres] lush greencampus at Greater Noida in August 2008. The University is fully funded by the New Okhla Industrial Development Authority (NOIDA) and the Greater Noida Industrial Development Authority (GNIDA), the undertakings of the Government of Uttar Pradesh. The University envisions to become a world class centre for excellence in education with a special focus to serve the under privileged and economically challenged sections of the society. The campus is modelled as a fully residential educational campus in line with the best institutions of higher learning across the globe. The uniqueness of its reputation is acknowledged through the format, content and pedagogy of its programmes and their relevance to the society. The University is recognized by the University Grants Commission under UGC Act and is a member of the Association of Indian Universities.

#### **1.2 Vision**

“A globally acclaimed integrated academic and research institution that creates a vibrant community of intellectuals and entrepreneurs endowed with Character, Creativity, Competence and Commitment, who can inspire meaningful transformations to ensure holistic growth and development of the society.”

#### **1.3 Mission**

The Mission of University is expressed through the following goals;

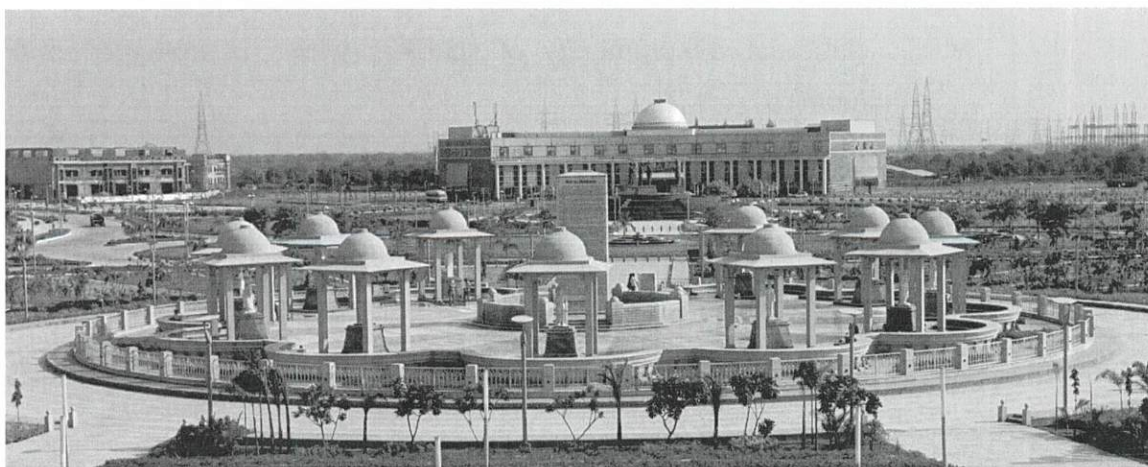
- To generate a community of scholars who can manage continuity and change.
- To seek and incorporate the best practices in teaching and learning from around the world.
- To inculcate in the learner's due appreciation for ethical, ecological and economic issues of knowledge.
- To provide knowledge based scientific solutions to satisfy the need of society and industry.
- To ensure an academic environment that guarantees avenues for all historically excluded sections of the society.



## 1.4 Recognition, Affiliations, Memberships, and Certifications

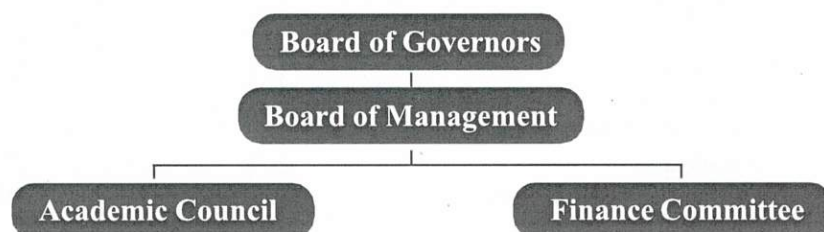
The academic programmes offered by the University have been recognized by the UGC and by various Statutory Councils, whichever are applicable in individual cases. The academic programmes offered by the University are recognized by the University Grants Commission of India and various other Statutory Bodies, Councils, whichever are applicable in individual cases.

- **Recognized by University Grants Commission of India (UGC):** F.9-18/2009 (CRP-I) dated 13th May 2009 and F.No. 9-18/2009 (CPP-I/PU) dated 17th Feb., 2018 under section 2(f) & 12(B) of UGC Act 1956.
- **Member of the Association of Indian Universities** [Meet/84-AM/2009/ 289139-73.]
- **Council of Architecture (CoA), India**
- **National Council for Teacher Education, India (NCTE):** B.Ed. Programme accredited by NCTE.
- **Rehabilitation Council of India:** M.Phil. Clinical Psychology
- **Bar Council of India (BCI):** BA. LL.B. programme accredited by Bar Council of India.
- **National Accreditation and Assessment Council [NAAC]** Accreditation
- **ISO 9001: 2008** Quality Certified





## 1.5 Gautam Buddha University Governing Bodies



### 1.5.1 Board of Governors

<b>1. Chief Secretary</b> U.P. Government	Chairman
<b>2. Vice Chancellor</b> Gautam Buddha University	Member Secretary
<b>Education Society Nominee</b> <b>3. Prof. Jaimala Bishnoi</b> Professor & Head, Department of Mathematics, Chaudhary Charan Singh University, Meerut-250001 (Uttar Pradesh)	Member
<b>4. Prof. H.D. Charan</b> Vice Chancellor, Bikaner Technical University, University College of Engineering & Technology, Bikaner - 334004 (Rajasthan)	Member
<b>5. Prof. Shyam Bihari Lal</b> Professor and Head, Department of Ancient History & Culture and Archeological, Mahatma Jyotiba Phule Rohilkhand University, Bareilly 243006, (U.P) India.	Member
<b>6. Secretary</b> Industry Development Department U.P. Govt.	Member
<b>7. UGC Nominee</b>	Member
<b>8. Technical Education Nominee</b>	Member

### 1.5.2 Board of Management

<b>(A) Vice Chancellor</b> Gautam Buddha University, Greater Noida	Chairman
<b>(B) Technical Education Nominee</b>	Member
<b>(C) Education Society Nominee</b> <b>1. Prof. Shailendra Singh Gaurav</b> Dean Faculty of Agriculture Department of Plants & Genetics Breeding Chaudhary Charan Singh University, Meerut- 250001 (Uttar Pradesh)	Member
<b>2. Prof. S.K. Khare</b> Dean R&D & Institute Chair Professor of Biochemistry Enzyme and Microbial Biochemistry Lab Department of Chemistry Indian Institute of Technology, Delhi, New Delhi - 110016	Member
<b>3. Prof. Santosh Kumar</b> Department of Geology Centre of Advanced Study Kumaun University, Nainital (Uttarakhand)	Member
<b>(D) Deans (Coordinating)</b> <b>1. Prof. N.P. Melkania (Retd.)</b> Dean, Academics, Gautam Buddha University	Member



<b>2. Dr. Indu Uprety</b> Dean (I/C), Planning & Research Gautam Buddha University, Greater Noida	Member
<b>3. Dr. Manmohan Singh Sisodia</b> Incharge Student Affairs Gautam Buddha University	Member
<b>(E) School's Deans</b> <b>1. Prof. N.P. Melkania (Retd.)</b> Dean, SOVS&AS and SOBT Gautam Buddha University, Greater Noida	Member
<b>2. Prof. Bandana Pandey</b> Dean, School of Humanities & Social Sciences Gautam Buddha University	Member
<b>3. Prof. Shweta Anand</b> Dean, School of Buddhist Studies & Civilization Gautam Buddha University	Member
<b>4. Prof. Sanjay Kumar Sharma</b> Dean, School of Information & Communication Technology Gautam Buddha University, Greater Noida	Member
<b>5. Dr. Indu Uprety</b> Dean (I/C), School of Management Gautam Buddha University, Greater Noida	Member
<b>6. Dr. Krishna Kant Dwivedi</b> Dean (I/C), School of Law Justice and Governance Gautam Buddha University, Greater Noida	Member
<b>7. Dr. Kirti Pal</b> Dean (I/C), School of Engineering Gautam Buddha University, Greater Noida	Member
<b>Secretary</b> Industry Development Department, U.P. Govt.	Member
<b>Dr. Vishwas Tripathi</b> <b>Registrar</b> Gautam Buddha University, Greater Noida	Secretary

### 1.5.3 Academic Council

<b>Prof. Ravindra Kumar Sinha</b> Vice Chancellor Gautam Buddha University, Greater Noida	Chairman
<b>Prof. Dinesh Kumar</b> Vice Chancellor Gurugram University, (Haryana)	Member
<b>Prof. Pradeep Singh Chauhan</b> Center of Economics Studies and planning Jawaharlal Nehru University, Delhi.	Member
<b>Prof. Ram Chandra Singh</b> Department of Mechanical Engineering Delhi Technological University, Delhi.	Member
<b>Prof. Raj Kumar Mittal</b> Hon'ble Vice Chancellor Chaudhary Bhanji Lal University, Bhiwani, Haryana	Member
<b>Prof. N.P. Melkania (Retd.)</b> Dean, Academics Dean, School of VS&AS and SOBT Gautam Buddha University, Greater Noida	Member
<b>Dr. Indu Uprety</b> Dean (I/C), Planning & Research Gautam Buddha University, Greater Noida	Member
<b>Prof. Bandana Pandey</b> Dean, School of Humanities and Social Sciences Gautam Buddha University, Greater Noida	Member
<b>Prof. Shweta Anand</b>	Member



Dean, School of Buddhist Studies & Civilization Gautam Buddha University, Greater Noida	
<b>Prof. Sanjay Kumar Sharma</b> Dean, School of Information & Communication Technology Gautam Buddha University, Greater Noida	Member
<b>Dr. Indu Uprety</b> Dean (I/C), School of Management Gautam Buddha University, Greater Noida	Member
<b>Dr. Krishna Kant Dwivedi</b> Dean (I/C), School of Law Justice and Governance Gautam Buddha University, Greater Noida	Member
<b>Dr. Kirti Pal</b> Dean (I/C), School of Engineering Gautam Buddha University, Greater Noida	Member
<b>Dr. Vishwas Tripathi</b> <b>Registrar</b> Gautam Buddha University, Greater Noida	Secretary



## Chapter-02

### Infrastructure and Support Facilities

---

**2.1** Gautam Buddha University has an integrated lush green residential campus at Greater Noida. The campus is an architectural marvel and has the following infrastructural facilities:

- 30% green area with total built up campus area of 55 lacs sq. fts.
- Central Library with total built up area of 1.8 lacs sq. fts. with 2000 seating capacity,
- Central Auditorium with 2700 seating capacity,
- An Administrative Building and Eight School Buildings,
- Mahatma Jyoti Ba Phule Vipassana Dhyaan Kendra,
- Eklavya Sports Complex with Indoor and Outdoor Stadium,
- Open Air Theatre,
- Mahamaya Shanti Sarowar, a water body spread over 1Lac sq. ft. area,
- Panchsheel Avasiya Parisar for Faculty and Staff Members,
- Separate Transit Hostel for 156 Married Research Scholars,
- 18 Hostels with single occupancy for 5000 students,
  1. Savitri Bai Phule Girl's Hostel,
  2. Rama Bai Ambedkar Girl's Hostel,
  3. Mahamaya Girl's Hostel
  4. Rani Laxmibai Girl's Hostel
  5. Mahadevi Verma Girl's Hostel
  6. Ismat Chughtai Girl's Hostel
  7. Chhatrapati Shahuji Maharaj Boy's Hostel,
  8. Shri Narayan Guru Boy's Hostel,
  9. Sant Ravi Das Boy's Hostel,
  10. Sant Kabir Das Boy's Hostel,
  11. Birsa Munda Boy's Hostel,



12. Guru Ghasi Das Boy's Hostel,
13. Malik Mohd Jaysi Boy's Hostel
14. Rahim Boy's Hostel
15. Tulsi Das Boy's Hostel
16. Munshi Premchand Boy's Hostel
17. Ram Sharan Das Boy's Hostel
18. Balmiki Boy's Hostel

- A Convention Centre and Well-furnished University Guest House,
- Shopping Complex and Utility Centres (Bank, Post Office, Dispensary, Clinical Psychology OPD, Mother Dairy etc.),
- Faculty Club, and many other support facilities.

The following section describes in brief some of the significant infrastructure facilities in the campus. The details may not be exhaustive; however, it gives a fairly good idea about the salient features of these facilities.

## 2.2 Mahatma Jyotiba Phule Meditation Centre

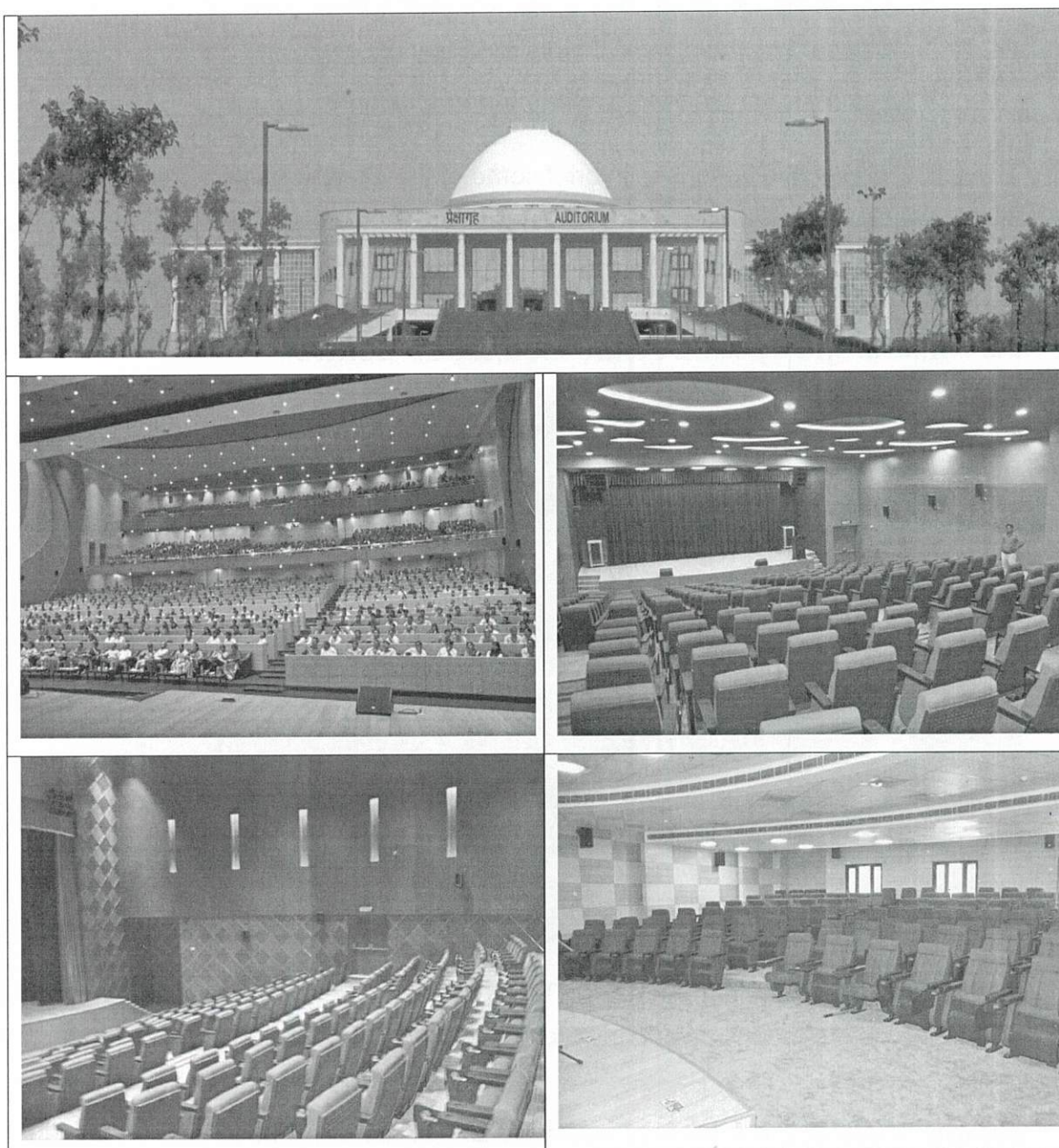


Mahatma Jyotiba Phule Meditation Centre, inspired by stupa architecture is a learning and retreat centre to give an experience of the power of peace and inner silence. The centre organizes seminars, lectures and experiential workshops in meditation, positive values, stress free living and self-management. It aims to help the residents at campus in recognizing their own inherent qualities and recollect their inner most potential. The meditation centre facilitates the experience of the inner self through silence.



### 2.3 Central Auditorium

Apart from four auditorium located in the school buildings with approximately 300 seating capacities each, the state-of-the-art Central Auditorium with a capacity of 2700 is equipped with all kind of advanced audio-video systems. There are five halls out of which the central hall that has 1900 seating capacity. Apart from the main auditorium hall, this building houses three mid-size conference rooms, committee rooms, elaborate corridors, and multipurpose open areas. The auditorium building was made operational in April 2015. Since then this facility is available for the academic as well as extracurricular activities at the University campus.



## **2.4 International Convention Centre**

The convention centre of the university is a true global platform for intellectual exchanges. The centre hosts a number of programmes, activities, and engagements. An impeccable infrastructure keeps it ahead of the best available in the class. The centrally air-conditioned building has state of the art convention centre conference halls, committee rooms, more than 40 rooms and suits and a huge central hall.

## **2.5 University Guest House**

In addition to International Convention Centre and Guest House, the University Guest House situated adjacent to the building houses 100 well furnished rooms with huge open area and a lush green lawn at the centre of the building.

## **2.6 Students' Accommodation and Hostel Facilities**

The University is a fully residential campus, which has separate hostel accommodations for boys and girls with 5000 single seated hostel accommodation rooms and complete wi-fi premises. These hostel complexes have state of the art facilities. To enable the students to spend quality time in the University, each hostel is equipped with a common room, T.V. Room, Table Tennis Room, Reading Room, Internet Room, Indoor Games Room, Gymnasium, Badminton Courts and Basketball Court. Each room in the hostel is equipped with an internet connection. In addition to this each hostel houses a medical room and a visitors' room. All the hostels are supported by the solar system which helps in the supply of hot water in winters.

## **2.7 Married Research Scholars' Hostel (MRSH)**

Apart from the hostels for students on campus, the University has a separate complex of 1 BHK apartment to accommodate 156 married research scholars enrolled in various full-time Doctoral Degree Programmes of the University which is popularly known as MRSH. This complex has 78 units already functional and occupied. Fee and other charges for MRSH are applicable as per the University policy in effect.

## **2.8 Panchsheel Awasiya Parisar: Residence Complexes**

The University is a fully residential campus and provides accommodation facility to all faculty members and staffs working with the University. In addition to the Vice-Chancellor's Bungalow, the University has provision for five types of quarters; type II & III for support staffs and type IV, V, & VI for faculty members and senior administrative officials of the University. There are six blocks of housing complexes.



All the houses are equipped with the facilities of power backup, hot & cold running water, intercom & internet services, fire alarm services, and block specific parks and gardens.

## **2.9 Sports Facilities**

The university promotes multi-dimensional growth with emphasis on an integrated physical and intellectual training. The Eklavya Sports Complex spread over approx. 47 acres with indoor and outdoor stadium of global standards, equipped with state-of-the-art sports facilities is getting ready in this academic session to shape health and sports aspirations of the students. It has an Olympic size swimming pool with an additional practice track and a world class gymnasium. Facilities that comprise of games, functions and sports facilities are given as under:

### **a. Outdoor Sports**

1. Cricket stadium with 650 sitting capacity Pavilion.
2. Hockey Astro-turf stadium with 650 sitting capacity Pavilion.
3. Synthetic Athletic Cum Soccer stadium with 650 sitting capacity Pavilion.
4. Practice Arena for Athletic and Soccer
5. Swimming (25 X 50 Meter) with Spectators Arena.
6. Diving Pool with Spectators Arena
7. Synthetic Basketball Arena with flood light facility.
8. Synthetic Volleyball Arena with flood light facility.
9. Synthetic Tennis Arena with flood light facility.
10. Cricket Practice Pitches.

### **b. Indoor Sports**

1. Table Tennis
2. Badminton
3. Squash
4. Gymnasium
5. Wrestling
6. Billiards & Snooker

7. Weight Lifting
8. Boxing
9. Basketball
10. Volleyball
11. Tennis



## 2.10 Faculty Club

Apart from the central sports facilities in its sports complex and local facilities available in the hostel premises, the University has also a Faculty Club designated for faculty members of the University. The faculty club is equipped with the facilities viz. Badminton, Table Tennis, Billiards and Snooker, Squash, Gym, Swimming Pool, Yoga and other recreational and other sports activities.



## 2.11 An Environment Friendly Clean and Green Campus

Global warming is a global issue that requires global response. With emphasis on environment and ecological equilibrium, the University has developed a green area in approx. 127 acres in which more than 50,000 trees are already planted. As it is believed, trees are of continued importance to the environment for their emotive power and their importance to other forms of life, the horticulture plan and

plantation drive of the University attribute mainly to the ecological aspects, such as Soil Erosion, Wind Filtration, Temperature Control, Green Atmosphere, and Retention of Water Level. The external fencing of the University is marked with hundreds of Bodhi Trees that bear immense significance in Buddhist Civilization and harmony. The Bodhi Tree strip runs uninterrupted on the entire circumference of the external campus fencing, parallel to the green belt with all kinds of flora and fauna. Apart from these green strips, a beautiful and rich green landscaping has come along with buildings, walking track, huge lawns, and water bodies.

## 2.12 3200-kilowatt Capacity Roof Top Solar Energy Plant

A 3200-kilowatt Capacity Roof Top Solar Energy Plant started operating since 2015 on the campus.



## Chapter-03

### Intellectual Capital

#### 3.1 Intellectual Capital

With a major thrust placed on research, innovation and training; the University has been working towards achieving its objectives as enshrined in its Vision and Mission. All the eight Schools of the University work in perfect harmony to accomplish the objectives of attaining excellence in education and training. These Schools of Studies offer programmes in various disciplines such as, Management and Decision Sciences, Vocational and Applied Sciences, Engineering and Technology, Information and Communication Technology, Biotechnology, Humanities and Social Sciences, Buddhist Studies, Law and Governance, etc. The mission of the University is accomplished by its skilled and trained faculty members, drawn from national and international institutions of repute. The University has been thriving on its intellectual resources and has produced quality Research Theses, Research Articles, Text Books, Reference Books, Reviews, etc. The University produced fourteen (14) Doctoral Theses. The University has been administering a number of Sponsored Research Projects funded by various funding agencies of Govt. of India. The details of research publications, Sponsored Projects, and Doctoral Theses are given in the following sections. The major academic publications by the University during the academic year 2022-2023 is given below.

#### 3.2 Ph. D. Awarded during 2022-2023

S.N.	Name of the Candidate & (Category)	Supervisor/ Co-supervisor	Title of Ph.D. Thesis	Date of the Viva-Voce
1.	Navaneet Singh Patel नवनीत सिंह पटेल (Working Professional)	Dr. Naveen Kumar	Transactional Customer Satisfaction in Online Shopping (with Reference to Consumer Electronics Goods)	02/06/2022
2.	Pramendra Kumar परमेन्द्र कुमार (Working Professional)	Dr. Vikas Panwar	Intelligent Control Techniques for Uncertain Nonaffine Nonlinear Systems	05/07/2022
3.	Vinay Kumar Rathi विनय कुमार राठी (Full Time)	Dr. Shobha Ram	Hydro Geological Modeling of Himalayan Springs of Uttarakhand Region (India)	30/07/2022
4.	Pratiksha Jha प्रतीक्षा झा (Full Time)	Dr. Satish Kumar	Impact of Financing Pattern on Financial Performance of SMEs in India	25/08/2022
5.	Bindu Tiwari बिंदु तिवारी (Full Time)	Dr. Naveen Kumar	A Study of Marketing Efforts and Customer Attitude in Building Loyalty Towards Online Shopping Sites	07/09/2022



6.	Suman सुमन (Full Time)	Dr. Vikrant Nain	Studies in Development of Drought Tolerant Rice ( <i>Oryza sativa Indica</i> ) by Expression of RNA Chaperone Gene	29/09/2022
7.	Sumati Rohilla सुमति रोहिल्ला (Full Time)	Dr. Rekha Puria	Regulation of Liver Angiogenesis and Fibrogenesis by Fat Metabolism in Non-Alcoholic Liver Disease	07/10/2022
8.	Saumya Sisodia सौम्य सिसोदिया (Full Time)	Dr. Pankaj Deep	Ethics in Public Service Delivery System in India: A Case Study of Public Distribution System in Allahabad District	20/10/2022
9	Sanjeev Khokhar संजीव खोखर (Full Time)	Dr. Pankaj Deep	Deliberative Democracy and the Indian Parliament: Analysis of Parliamentary Debates and Deliberation in the Committee System (2009-2019)	12/10/2022
10	Saroj Singh सरोज सिंह (Working Professional)	Dr. Om Prakash and Dr. Anand K. Pradhan	Gender and Responses of News Media Organizations: An Exploratory Study of Career, Growth and Upward Mobility of Women Journalists in Private News Television	02/11/2022
11	J. Amutha जे. अमुथा (Full Time)	Dr. Sanjay Kumar Sharma	Computational Intelligence Based Energy Efficient Clustering Algorithm for Wireless Sensor Networks	16/11/2022
12	Hari Pratap हरी प्रताप (Full Time)	Dr. Fahed Zulfegarr and Dr. Amit Ujlayan	Analytical Aspects of Some Fractional Derivatives and Their Applications	16/11/2022
13	Geet गीत (Full Time)	Dr. Ombir Singh	Foreign Direct Investment: An Analytical Study of the Presence of Linkages in Automobile Firms in India	06/12/2022
14	Tripti Singh तृप्ती सिंह (Full Time)	Dr. Imteyaz Qamar	Regulation of Hypoxic Induced Genes and its Physiological Role in Hypobaric Hypoxia	28/01/2023

### 3.3 List of some of the Sponsored Research Projects

The University has been administering the Sponsored Research Projects funded by different agencies of Govt. of India. The details of Sponsored Projects are given in the following section.

(1) S. No.	(2) Name of the Scheme/Project	(3) Principal Investigator/ Co Investigator	(4) School/ Department	(5) Funding Agency	(6) Year of Award	(7) Duration of the Project (in Years)	(8) Status
1	Study of Supply Chain Linkages in the major potato- producing districts of Uttar Pradesh	Dr. Dinesh Kumar Sharma	School of Management	ICSSR	2023	3	Approved and Work in Process
2	Ancient Indian Maritime power and its Contemporary Relevance in Maritime Security	Dr. Vivek Kumar Mishra	School of Humanities and Social Sciences	ICSSR	2023	2	Approved and Work in Process

3	A Study of Perception and Attitude of Teachers and students towards Indian knowledge system with special focus on NEP 2020	Dr. V.K. Shanwal	School of Humanities and Social Sciences	ICSSR	2023	3	Approved and Work in Process
4	Characterization of tRNA Adenosine Deaminase from Pseudomonas aeruginosa	Dr. Nagendra Singh	School of Biotechnology/Biotechnology	ICMR	2023	3	Approved and Work in Process

### 3.4 Academic Collaborations and MOUs [2022-2023]

S. No.	MoU Signed date	Initial Validity (years)	Institution	Objective
1	18 <sup>th</sup> November, 2022	03	<b>Buddhist Culture Research Institute</b> DONGGUK UNIVERSITY 30, Pildong-ro 1-gil, Jung-gu, Seoul, 04620, South Korea	This MoU aims to provide a framework for active professional cooperation for academic and research activities of the two institutions. It will strengthen the mutual understanding, and foster friendly cooperation and exchange for productive academic and research activities such as, dissertation / project / internship / doctoral research and advanced research in Buddhist Studies and other relevant streams students/research scholars and faculty/scientists leading to undergraduate, postgraduate and doctoral degrees of the University
2	18 <sup>th</sup> November, 2022	03	<b>College of Buddhism</b> DONGGUK UNIVERSITY 30, Pildong-ro 1-gil, Jung-gu, Seoul, 04620, South Korea	This MoU aims to provide a framework for active professional cooperation for academic and research activities of the two institutions. It will strengthen the mutual understanding, and foster friendly cooperation and exchange for productive academic and research activities such as, dissertation / project / internship / doctoral research and advanced research in Buddhist Studies and other relevant streams students/research scholars and faculty/scientists leading to undergraduate, postgraduate and doctoral degrees of the University.
3	31 <sup>st</sup> January, 2023	03	<b>Edunet Foundation</b> A-11-1105, Arcadia South City 2, Gurgaon-122 018, Haryana, India	Enabling and empowering young women learners from underserved communities and backgrounds under the CSR Initiative by Microsoft and SAP
4	13 <sup>th</sup> March, 2023	03	<b>Dongguk University WISE</b> 123, Dongdae-ro, Gyeongju-si, Gyeongsangbuk-do, 38066, Republic of Korea	Collaboration for Promotion of Academic and Research Activities <ul style="list-style-type: none"> <li>• to promote interest in the teaching and research activities of the respective institutions, and</li> <li>• to widen the understanding of the academic, cultural, environmental and economic benefits of cooperation between the respective institutions.</li> </ul>
5	21 <sup>st</sup> March, 2023	03	<b>Bharat Test House Pvt. Ltd. (BTH)</b> , 1474, HSIIDC, Industrial Estate, Rai, District-	Short-Term Specialized Skill-Oriented Training Courses <ul style="list-style-type: none"> <li>• to promote collaboration between the GBU and the BTH on high-end multi-disciplinary engineering test facilities and technologies among youth,</li> </ul>



			Sonepat, Haryana-131 029	<ul style="list-style-type: none"> <li>to provide opportunity on employability through Technical Trainings to be conducted at BTH labs using test facilities of the BTH; and</li> <li>to strengthen the 'Make in India' and 'Skill India' initiatives of GoI, to boost employability of the young aspirants at national and international levels.</li> </ul>
6	27 <sup>th</sup> March, 2023	03	<b>Western Sydney University, Sydney Australia</b>	<p>Collaboration for Promotion of Academic and Research Activities.</p> <p>The potential areas of collaboration include research, education, training, capacity building, experience sharing and knowledge management in the domain of Biotechnology and Environmental Science.</p>
7	29 <sup>th</sup> March, 2023	03	<b>Ch. Ramesh Chandra Charitable Trust (CRCCT),</b> Mirpur, Tronica City, Ghaziabad-201 102, Uttar Pradesh	The potential areas of collaboration include research, training, capacity building, experience sharing and knowledge management, in the broad domain of Sustainable Development in rural, sub-urban and urban landscapes, and Sustainable livelihood promotion
8	18 <sup>th</sup> July, 2023	03	<b>Next Gen Life Sciences Pvt. Ltd.</b> F 44-45, Pankaj Central Market, I. P. Extension, Patparganj, Delhi 110092	The potential areas of collaboration under this MoU between the GBU and the NGLS shall include academic, research and development activities in Biotechnology.
9	19 <sup>th</sup> July, 2023	03	<b>The Association for Disabled People (ADP) Vikas Kendra, F-1, Sundar Nagri, Delhi, India</b>	This MoU aims to provide a framework for active participation of disabled people. It will strengthen the disabled people, and foster friendly cooperation and exchange for productive sports activities.
10	28 <sup>th</sup> July, 2023	03	<b>Software Technology Parks of India (STPI) 1st Floor, Plate B, Office Block-1, East Kidwai Nagar, New Delhi</b>	To develop a Centre of Entrepreneurship and Skilled Human Resource in the domains of interest, such as, management, technology, etc., through participatory mode, such as, internships, placements, field visits to name a few.

## Chapter- 04

### Admissions

#### 4.1 Admissions Report (2022-23)

The University had invited applications for admission in various programmes for Academic Session 2022-23, entirely through online application process. This year admission commenced from April 11, 2022 due to pandemic in two modes i.e., online and offline. For this academic session 2022-23, 131 programmes (Diploma/Certificate level, UG, PG, M.Phil. and Doctoral levels) with 2 programmes ICCR (M.Phil. and Doctoral levels) have been offered out of which admission in 92 programmes have been accomplished, admissions in 41 programmes were not done due to very less numbers of applications. Details are as follows:

S.No.	Code	Name of the Programmes- 2022-2023	No of Seats & Duration of the Course -2022-23
1.	UM01	Five Year Dual Degree BBA-MBA [with exit option after BBA]	60 Seats in each programme (Duration and exit as per NEP 2020)
2.	UM02	B.Com (Hons.)	
3.	PM01	MBA (Specialization: HRM/Finance/Marketing/Operations/ Business Analytics) (to be offered based on minimum no. of students opting)	60 Seats 2 Years (4-Semester)
4.	PM02*	MBA (Executive)	40 Seats 2 Years (4-Semesters)
5.	PM01	Ph.D. (Management)	Finance and Economics/Strategy-03 (FT/WP) Operations-03 (FT/WP)
6.	UIE1	B.Tech. I. Electronics and Communication Engg. II. Computer Science and Engg. III. Computer Science and Engg. (Under Self Finance Mode) IV. Information Technology	(60 Seats for each branch) 4 Years (8-Semesters)
7.		V. Artificial Intelligence VI. CSE with Specialization: • Machine Learning • Data Science • Cyber Security • Internet of Things	(30 Seats for each branch) 4 Years (8-Semesters)
8.	UI01	Integrated B.Tech.-M.Tech.: I. ECE (Specialization: Wireless Communication and Networks, VLSI Design, Artificial Intelligence and Robotics)	30 Seats 5 Years (10-Semesters)
9.		II. CSE (Specialization: Software Engg., Data Science, Artificial Intelligence and Robotics, Wireless Communication and Networks) (without exit and	60 Seats 5 Years (10-Semesters)
10.	UI02	BCA (Bachelor of Computer Application)	40 Seats 3 Years (6-Semesters)



11.	UIE1	B. Tech. I. Civil Engineering II. Mechanical Engineering III. Electrical Engineering with minor degree in 1. Industrial Automation 2. Electric Vehicles 3. AI & ML 4. Biomedical Engineering	(60 Seats for each branch) 4 Years (8-Semesters)
12.	UE01*	B. Arch* (Bachelor in Architecture)	30 Seats 5 Years (10-Semester)
13.	UE02	B.Des. (Bachelor of Design (I.D.))	20 Seats 4 Years (8-Semester)
14.	PI01	M.Tech. in CSE (Specialization: Software Engineering)	20 Seats in each programme 2 Years (4-Semesters)
15.		M.Tech. in CSE (Specialization: Artificial Intelligence and Robotics)	
16.		M.Tech. in CSE (Specialization: Data Science)	
17.	PI02	M. Tech. in Cyber Security	20 Seats 2 Years (4-Semesters)
18.	PI03	M. Tech. in ECE (Specialization: Wireless Communication and Networks)	20 Seats in each programme 2 Years (4-Semesters)
19.		M.Tech. in ECE (Specialization: VLSI Design).	
20.		M. Tech. in ECE (Specialization: Railway Signalling Telecommunication & RAMS)	
21.	PI04	MCA (Master in Computer Application) (Specialization: Artificial Intelligence, Data Science)	40 Seats (20 Seats for each branch) 2 Years (4-Semesters)
22.	PI05	M. Sc. in Computer Science (Specialization: Artificial Intelligence, Data Science)	40 Seats (20 Seats for each branch) 2 Years (4-Semesters)
23.	PI06*	M. Tech. in Computer Science and Engineering (Weekend Programme)	20 Seats 2 Years (4-Semesters)
24.	PE01	M. Tech. in EE (Specialization: Power System)	20 Seats 2 Years (4-Semester)
25.			
26.		M. Tech. in EE (Specialization: Instrumentation & Control)	
27.		M. Tech. in EE (Specialization: Power Electronics & Drives)	20 Seats 2 Years (4-Semester)
28.	PE02	M. Tech. in CE (Specialization: Structural Engineering)	20 Seats 2 Years (4- Semester)
29.		M. Tech. in CE (Specialization: Environmental Engineering)	20 Seats 2 Years (4- Semester)
30.	PE03	MURP (Master of Urban & Regional Planning)	20 Seats in each programme 2 Years (4-Semester)
31.	PE04	M.Arch. (Master in Architecture)	

32.	PE05	M. Tech. in ME (Specialization: Design Engineering)	20 Seats in each programme 2 Years (4-Semester)
33.		M. Tech. in ME (Specialization: Manufacturing Engineering)	
34.		M. Tech. in ME (Specialization: Thermal Engineering)	
35.	RI01	Ph.D. (Electronics and Communication Engineering)	04 Seats (FT)
36.	RE01	Ph.D. (Electrical Engg.) (Specialization: Instrumentation and Control, Power System, Power Electronics & Drives, Renewable Energy Systems, Control & Robotics, Signal & Image Processing, Biomedical Instrumentation, Nanomaterials and other related areas)	5 Seats (FT/WP) or As per availability
37.	RE02	Ph.D. (Architecture & Planning)	01 Seats (FT/ WP)
38.	RE03	Ph.D. (Mechanical Engg.) (Specialization: Thermal Engg., Design Engg., Manufacturing Engg., Industrial Engg.)	07 Seats (FT/WP)
39.	RE04	Ph.D. (Civil Engg.) (Specialization: Structure/ Environme	01 Seat (FT/WP)
40.	LIE01	B.Tech. in ECE	32 Seats
41.		B. Tech. in CSE (Under Self Finance)	14 Seats
42.		B. Tech. in Artificial Intelligence	12 Seats
43.		B. Tech. in CSE	2 Seats
44.		B. Tech. in IT	10 Seats
45.	LE01	B. Tech. in CE	15 Seats
46.		B. Tech. in ME	56 Seats
47.		B. Tech. in EE	48 Seats
48.	UB01	Integrated (B.Tech - M.Tech. (Biotechnology)/ MBA (Without exit and lateral entry options)	60 Seats 5 Years (10-Semesters)
49.	UB02	B.Sc. (Hons.) Biotechnology with research (A four year Degree program with exits options for students. If a student complete 4 years successfully then B.Sc. (H) Biotechnology with Research degree would be awarded and in case of exit after 3 years then B.Sc. (H) Biotechnology degree will be awarded)	30 Seats 3 Years or 4 years (6 or 8-Semesters)
50.	UV01	B. Tech. (Food Processing and Technology)	30 Seats 4 Years (8-Semester)
51.	UV03	B.Sc. (Hons.) (Physics)	30 Seats in each programme (Duration and exit as per NEP 2020)
52.	UV04	B.Sc. (Hons.) (Chemistry)	30 Seats in each programme (Duration and exit as per NEP 2020)



53.	UV05	B.Sc. (Hons.) (Mathematics)	30 Seats in each programme (Duration and exit as per NEP 2020)
54.	PB01	M. Tech. (Biotechnology)	20 Seats 2 Years (4-Semesters)
55.	PB02	M.Sc. (Biotechnology)	30 Seats (20 Seats-GBUET 2022 and 10 seats GAT-B) 2 Years (4-Semesters)
56.	PB03	M.Sc. (Molecular Medicine)	(20 Seats for each programme) 2 Years (4-Semesters)
57.	PB04	M.Sc. (Bioinformatics & Genomics)	
58.	PB05	M.Sc. (Microbial Biotechnology)	
59.	PV01	M. Tech. (Food Processing and Technology) (Two year programme for Engineering Graduate and Science Post Graduate)	20 Seats 2 Years (4-Semester)
60.	RB01	Ph.D.* (Biotechnology) (Broad areas: Animal Biotechnology/Microbial Biotechnolog/ Structure and Molecular Biology/ Plant Biotechnology/ Bioprocess Technology)	17 Seats (FT-07/ WP-10)
61.	PV02	M. Sc. (Applied Chemistry)	20 Seats 2 Years (4-Semester)
62.	PV03	M. Sc. (Applied Physics)	20 Seats 2 Years (4-Semester)
63.	PV04	M. Sc. (Applied Mathematics)	20 Seats 2 Years (4-Semester)
64.	PV05	M. Sc. (Environmental Science)	20 Seats 2 Years (4-Semester)
65.	PV06	M. Sc. (Food Science)	20 Seats 2 Years (4-Semester)
66.	RV01	Ph.D. (Applied Chemistry)	03 Seats (FT/WP)
67.	RV02	Ph.D. (Applied Physics)	09 Seats (FT/WP)
68.	RV03	Ph.D. (Applied Mathematics)	08 Seats (FT/WP)
69.	RV04	Ph.D. (Environmental Science)	02 Seats (FT/WP)
70.	RV05	Ph.D. (Food Processing and Technology)	02 Seats (FT)
71.	PGV01	PGDEM (PG Diploma in Environmental Management) (Full time/ Working Professional)	20 Seats (FT/WP) 1 Year (2 Semester)
72.	PGV02	PG Diploma in Polyurethane Technology	20 Seats 1 Year (2 Semester)
73.	PGV03	PGDELP (P.G. Diploma in Environmental Law and Policy) (Full Time (FT)/ Working Professional (WP)	20 Seats (FT/WP) 1 Year (2 Semester)
74.	PGV04	PGDRET (P.G. Diploma in Renewable Energy Technologies) (Full Time)	20 Seats 1 Year (2 Semester)
75.	PGV05	PGDMMEA (P.G. Diploma in Mathematical Methods for Environmental Applications) (Full Time)	20 Seats 1 Year (2 Semester)
76.	PGV06	PGDFSQM (P.G. Diploma in Food Safety and Quality Management) (Full Time)	20 Seats 1 Year (2 Semester)
77.	PGV07	PGDFST (P.G. Diploma in Food Science & Technology) (Full Time)	20 Seats (FT/WP) 1 Year (2 Semester)
78.	UH01	B.Ed (Specialization: Arts & Commerce)	50 Seats 2 Year (4 Semester)

79.	UH02	B.A. (Hons.) in English	60 Seats (Duration and exit as per NEP 2020)
80.	UH03	B.A. (Hons.) in Political Science	
81.	UH04	B.A. (Hons.) in History	30 Seats (Duration and exit as per NEP 2020)
82.	UH05	B.A. (Hons.) in Hindi	
83.	UH06	B.A. (Hons.) in Economics	
84.	UH07	B.A. (Hons.) in Urdu	
85.	UH08	B.A. in Journalism and Mass Communication	
86.	UH09	BSW (Bachelor of Social Work)	
87.	UH10	B.A./B.SC.** (Hons.) in Applied Psychology	60 Seats (Duration and exit as per NEP 2020)
88.	PH01	M.A. in Economics, Planning and Development	20 Seats in each programme 2 Years (4-Semesters)
89.	PH02	M.A. in English	
90.	PH03	M.A. in Hindi	
91.	PH04	M.A. in Urdu	
92.	PH05	MSW (Master of Social Work )	
93.	PH06	M.A. in Political Science and International Relations	
94.	PH07	M.A. in Education	
95.	PH08	M.A. in History	
96.	PH09	M.A./M.SC.* (Applied Psychology) (with specialization in Clinical and Counseling Psychology)	60 Seats 2 Years (4-Semesters)
97.	PH10	M.A. in Journalism and Mass Communication	20 Seats 2 Years (4-Semesters)
98.	PH11	M. Phil. (Clinical Psychology)	10 Seats (FT) 2 Years
99.	RH01	Ph.D. (Political Science & International Relations) (Specialization: International Relations)	02 Seats (FT)
100.	RH02	Ph.D. (Psychology) (Specialization: Clinical Neuro-Psychology)	01 Seats (FT/WP)
101.	PGH01	PG Diploma in English Language Teaching (ELT) (Part-Time, Non - Residential)	30 Seats in each programme 1Year (2-Semester)
102.	DH01	Diploma in Urdu Language (Part-Time, Non-Residential)	
103.	PGH02	PG Diploma in Guidance & Counseling (PGDGC)	20 Seats in each programme 1Year (2-Semester)
104.	PGH03	PG Diploma in Forensic Neuropsychology (PGDFNP)	
105.	PGH04	PG Diploma in Creative Writing (Part-Time, Non -Residential)	20 Seats in each programme 1Year (2-Semester)
106.	UBS01	B.A. (Hons.) in Buddhist Studies & Civilization	30 Seats (Duration and exit as per NEP 2020)
107.	PBS01	M.A. (Buddhist Studies & Civilization)	30 Seats 2 Years (4-Semester)
108.	CBS01	Certificate Course in Pali Language and Literature (Part-Time)	10 Seats 1 /2 Year (1-Semester)
109.	PGBS01	PG Diploma in Pali Language and Literature (Part-Time)	10 Seats 1 Year (2-Semester)
110.	PGBS02	PG Diploma in Buddhist Tourism and Heritage (Part-Time)	10 Seats 1 Year (2-Semester)



111.	UL01	B.A. LL.B. (5-Year Integrated Programme)	120 Seats 5 Years (10-Semester)
112.	PL01*	LL.M.	30 Seats 1 Year (2-Semester)
113.	PGL01	PG Diploma in Economic Laws	30 Seats 1 Year (2-Semesters)
114.	PC01	M.Tech. in RAMS and Maintenance Engineering	40 Seats 2 Years
115.	CC01	Certificate course in Reliability Availability and Safety	40 Seats 3 Months
116.	CC02	Certificate course in Prognostics and Health Management	40 Seats 3 Months
117.	CC03	Certificate course in Maintenance Engineering	40 Seats 3 Months
118.	DC01	Diploma in Reliability Availability and Safety	40 Seats 6 Months
119.	DC02	Diploma in Prognostics and Health Management	40 Seats 6 Months
120.	DC03	Diploma in Maintenance Engineering	40 Seats 6 Months

**4.1.1 Mode of Admission adopted:** This year admission committee has adopted two modes of admission duly approval by the Competent Authority which are as under:

- a. **Entrance Test Mode (GBU-ET) for PhD/M.Phil. Entrance Test** was held on July 13, 2022, **All B. Tech./B.A. LL.B. and LLM Entrance Test** was held on July 18, 2022 and a series of Counselling was conducted from August 17, 2022 onwards till November 30, 2022.
- b. **A series of Direct Cum-Admission Counselling based on merit** was conducted from July 28, 2022 till September 30, 2022.
- c. A series of Counselling against Vacant Seats through **On Spot** (First Cum First) basis were conducted from October 1, 2022 till November 30, 2022.

**4.1.2 Detail of registration for admissions are as follows**

**A. Category wise details of admitted candidates:**

Category	Total Non-Paid Applications	Total Paid Applications Received	Total Admitted (Enrolled) Candidates	Total Withdrawal
General (GEN)	8206	7632	816	183
Other Backward Classes (OBC)			522	86
Scheduled Castes (SC)			332	53
Scheduled Tribes (ST)			7	00
Economically Weaker Section (EWS)			88	13
International Students	327		62	00
Total	16,165		1827	335
Total Admissions (Including withdrawal)			2162	

**B. The school-wise details of admissions are as under:**

S. No.	School	UG		PG		Diploma/Certificate		M.Phil./Ph.D.		Total Withdraw	Total	Grand Total
		Admissions	withdawal	Admissions	wit hdrawal	Admissions	Total With draw	Admissions	withdawal			
1	USOM	183	63	57	5	0	0	6	0	68	246	314
2	USOICT	443	78	70	3	0	0	1	0	81	514	595
3	USOBT	112	14	35	3	0	0	2	0	17	149	166
4	USOE	71	12	25	7	0	0	3	0	19	99	118
5	USOVSA S	55	15	48	10	10	0	6	1	26	119	145
6	USOHSS	405	69	123	21	1	2	12	1	93	541	634
7	USOLJG	104	25	13	5	0	0	0	0	30	117	147
8	USOBSC	5	1	18	0	0	0	19	0	1	42	43
Total		1378	227	389	54	11	2	49	2	335	1827	2162

## 4.2 International Students Affairs

Gautam Buddha University in compliance with the approval of the competent authority agreed in principle to open admissions to International Students. The intake of International Students has been started from the academic session (2012-2013). International Affairs Cell at Gautam Buddha University offers a very cordial welcome to the international students wishing to join various programmes of the University for Higher Studies.

To enforce it properly, the University has created a separate entity to look after the matters related to admissions of International Students in terms of procedure, process, admission, and related administration. The International Affairs Office advises students on all matters relating to application, admission, fees, accommodation, FRRO documentation for registration of student with MHA, arrival services and orientation. It also offers an ongoing support and after arrival advices. The University has planned to attract a large number of international students not only for Undergraduate and Post Graduate courses, but also for M. Phil. and Ph.D. programs. The Cell facilitates the international student community in acquiring information, in arranging for their admission, and in looking after their welfare. The University administers a variety of research programs, scholarly events, and outreach activities, often in collaboration with agencies on and off campus. Activities include a colloquium series, conferences, a visiting scholar program, etc.



Since the academic session 2012-2013, the University is able to get applications from various foreign nationals especially Asian Countries, SAARC and ASEAN Nations, USA, Europe, Latin America for various programmes of the University. Here, it is imperative to mention that the most of the applications received for various programmes offer by School of Buddhist Studies & Civilization. Till the academic session 2022-23, International Students registered in the University since its inception belongs to following countries:

Number of Foreign Nationals Studying / Pass Out							
S. No.	Country	S. No.	Country	S. No.	Country	S. No.	Country
1	Vietnam	6	South Korea	11	Sri Lanka	16	USA
2	Myanmar	7	Mongolia	12	Afghanistan	17	Canada
3	Thailand	8	Taiwan	13	Bangladesh	18	Yemen
4	Cambodia	9	Bhutan	14	Nepal	<b>Applications received from more than 30 Countries</b>	
5	Lao PDR	10	China	15	Suriname		

#### 4.2.1 Admissions of Foreign students at GBU in various programmes

S. No.	School	Program	No. of Admissions
1	SOBSC	B. A.	05
2	SOBSC	M. A.	17
3	SOBSC	M. Phil.	08
4	SOBSC	Ph. D.	11
5	Other Schools	M. Arch., MBA, Ph. D., B. Tech., M. A., M.Sc.'s etc.	23
<b>Total Admission</b>			<b>64</b>

#### 4.2.2 Initiated or Coordinated Signing of MOUs for the University

International Affairs Cell has initiated the process of tie up with Indian Council for Cultural Relations which resulted into getting ICCR sponsored foreign students to GBU. Also played an important and instrumental role in connecting national and international tie-ups with Educational and funding institutions through MOUs. Foreign MoUs started with signing an MOU with Dhammachai International Research Institute, Australia and New Zealand with headquarter in Thailand. After this, the cell has also coordinated signing of MoUs with Mahabodhi International Meditation Centre, Leh, Ladakh, etc.

#### 4.2.3 Tie-Up for Students admission from Ministry of Education, Government of India agencies

**i. Direct Admission Student Abroad (DASA):** Became participating University under DASA-2022 Scheme of Ministry of Education, Government of India which offers admissions of foreign nationals, SAARC Countries, ASEAN, CIWG (Citizen of India Working in Gulf Countries) and any other foreign nationals.

**ii. Visit of Representative from abroad during session:**

- Prof Dr. Thich Nhat Tu from Vietnam Buddhist University, HCM City, Vietnam on October 4, 2022.
- Mr. Peters Ly Chen, Director, Education Division, Ministry of Education, ROC, Taiwan (Attached with Taiwan Economic and Culture Centre, New Delhi) visit coordinated with aim to familiarize GBU Students with Taiwan's Job Market and educational institution on December 1, 2023.

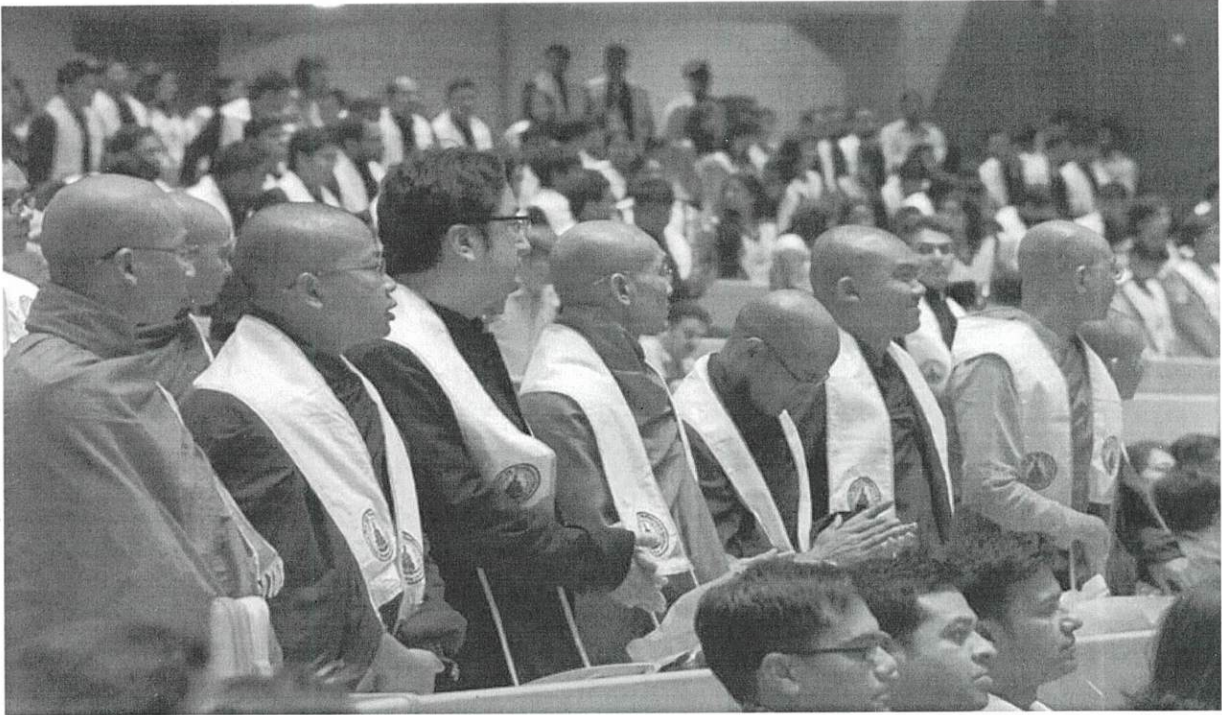
Gradually International Affairs Office is able to expand its outreach to other countries and getting overwhelming response from international students. In the coming academic sessions, International Affairs Office has already started receiving applications for upcoming academic session.

To cater more students, the Cell organizes cultural or national event or days of foreign countries viz:

1. Initiated and coordinated with National Institute of Disaster Management (NIDM), Ministry of Home Affairs, Govt of India to associate GBU as member of the Indian Universities and Institutions Network on Disaster Risk Reduction and finally GBU became the member of IUINDRR-NIDM.
2. Coordinated with AICTE in handling the foreign delegates and Media coverage during India-Africa Hackathon held at GBU from November 22-25, 2022.
3. Organized Maha Karuna Diwas in collaboration with MoU partner Mahabodhi International Meditation Centre at GBU on February 15, 2023.
4. Visit of Director General, International Buddhist Confederation for Collaboration on September 1, 2022.
5. International Abhidhamma Diwas on October 5, 2022
6. Vesak Day at International Hostel on May 14, 2022
7. Coordinated the participation foreign students of GBU in the Buddha Purnima at Delhi organized by IBC and Ministry of Culture, Govt of India.



8. Vietnam and Myanmar National Days
9. Patimokkha Day
10. Vassavasa



## Chapter- 05

### Examinations

#### 5 Examinations

The Central Examination Department administers the academic performance, evaluation, grading and award of degrees in all programmes of studies in the University.

##### 5.1 Degree awarded during the session 2022-23

The following table illustrates the school-wise details of students who completed their degrees in the session 2022-23.

S.No.	School	Programme	Count Of Roll Number
1	School of Biotechnology	Integrated Dual Degree Programme (B. Tech - M.Tech./MBA) in Biotechnology	29
2		Integrated Dual Degree Programme (B.Tech. in Biotechnology) +MBA	7
3		M.Sc. (Biotechnology)	22
4		M.Sc. (Molecular Medicine)	2
5		M.Tech. (Biotechnology)	2
6	School of Buddhist Studies and Civilization	M.A. (Buddhist Studies and Civilization)	7
7	SCHOOL OF ENGINEERING	B.Tech. (Civil Engineering)	55
8		B.Tech. (Electrical Engineering)	40
9		B.Tech. (Mechanical Engineering)	40
10		M.Tech. Power System Engineering	5
11		Master of Architecture (Sustainable Architecture)	2
12		Master of Urban and Regional Planning	2
13	School of Humanities and Social Sciences	B. Ed. (Bachelor of Education)	13
14		B.A. (Hons.) Applied Psychology	18
15		B.A. (Hons.) Economics	13
16		B.A. (Hons.) English	12
17		B.A. (Hons.) History	6
18		B.A. (Hons.) in Journalism and Mass Communication	3
19		B.A. (Hons.) Political Science	35
20		B.Sc. (Hons.) Applied Psychology	11
21		Bachelor of Social Work (BSW)	1



22		M. A (Journalism and Mass Communication)	4
23		M. A. (Economics, Planning & Development)	1
24		M. A. (English)	6
25		M. A. (Hindi)	2
26		M. A. (Political Sciences and International Relations)	12
27		M. Sc. (Applied Psychology)	7
28		M.A (History)	5
29		M.A. (Applied Psychology)	15
30		Master of Social Work (MSW)	4
31	School of Information and Communication Technology	B. Tech. (Electronics and Communication Engineering)	98
32		B. Tech. Computer Science and Engineering	141
33		B.Tech. (Artificial Intelligence)	20
34		B.Tech. in Information Technology (IT)	51
35		BCA (Bachelor of Computer Application)	24
36		M.Tech. in CSE	3
37		MCA (Master of Computer Application)	17
38	School of Law Justice & Governance	BA LLB	75
39	School of Management	B.Com. (Hons.)	83
40		MBA	24
41	School of Vocational Studies and Applied Sciences	B.Sc (Hons.) Chemistry	16
42		B.Sc. (Honors) Physics	11
43		B.Sc. (Hons.) Mathematics	4
44		B.Sc. (Physical Sciences)	4
45		B.Tech. (Food Processing and Technology)	18
46		M.Sc. Applied Chemistry	8
47		M.Sc. Applied Mathematics	3
48		M.Sc. Applied Physics	2
49		M.Sc. Environmental Science	3
50		M.Sc. Food Science	9
51		M.Tech. (Food Processing & Technology)	3
		<b>Total</b>	<b>998</b>

## Chapter-06

### Academic Support Activities

---

#### 6.0 Academic

##### 6.1 Bodhisattva Dr. Bhim Rao Ambedkar Library

Bodhisattva Dr. B. R. Ambedkar Library is the soul of academic and research activities of the Gautam Buddha University. The library is fully automated and functional with the LIBSYS and RFID system. With a huge volume of books and e-journals which cover the various subjects like Management, Computer Science, Engineering, Applied Sciences, Information Technology, Biotechnology, Humanities, Social Sciences, Law & Governance, Buddhist Studies etc. The library is well equipped with modern facilities, spacious stack halls, reading halls with 2000 seating capacity, reference sections, catalogue area and computer work stations at each floor of the library to access Internet resources. The library aims to “provide high quality services in support of the teaching and research objectives of the University”. A development report is given as under:



- Library is member of Shodhganga and INFLIBNET to enhance academic and



research activities among the scholars of the University.

- To enhance quality research in university, library is subscribing Anti Plagiarism software TURNITIN.
- Remote Access facility started in the library through Shibboleth (INFED) to access e-resources
- To promote reading habit and inculcate the value of the books among the students, library established Gandhi Darshan room where literature related to Gandhi ji are available for students.
- To support the students for preparation of the competitive examinations like IAS /PCS a separate section is established for students.
- For study of personal books, a separate hall 24x7 is also available for the students.

Library Services	
1	Access to Abstracts and Full text articles through e-resources
2	Library Users Help desk service
3	Book Loan facility
4	Online Public Access Catalogue (OPAC)
5	User Suggestion Register
6	Making ID Card/Smart Card
7	Self-Issue/Return by Libsys Software (LSmart)
8	Documents Scanning
9	E-delivery service for articles & chapters
10	Inter Library Loan Services through DELNET
11	Locker Facility
12	New Arrival Display Service
13	Newspaper Clippings
14	Photocopy
15	Printing
16	Referral Services
17	Selective Dissemination of Information (SDI)
18	CAS (Current Awareness Services)

### 6.1.1 Seminar/Training Programme organized

1. Turnitin user Training organised by Bodhisattva Dr. B.R. Ambedkar Library, GBU Greater Noida on 29 sept.2021.
2. Webinar on "Library and Information Science Profession in India. Career Prospects" organised by the Bodhisattva Dr. B.R. Ambedkar Library, GBU Greater Noida in Collaboration with FCCI and Federation of Indian Chambers of commerce and Industry 4<sup>th</sup> August 2020 and 18<sup>th</sup> August 2022.
3. Training of Web Centric LIBSYS10 software is organised for Library Staff on 31.1.2023.

### 6.1.2 Details of Resources, Collections and Services in the Library

Details of Resources, Collections and Services in the Library		
S. No.	Library Resources	Total Collection
1	Text/References Books	47261
2	Book Bank	12014
3	E-books	500
4	Magazines	22
5	Print Journals	204
6	CD/DVD	2399
7	Project Reports	2839
8	Thesis	300
9	Daily News Paper	10

### 6.1.3 E-resources Collection

S. No.	Name of E-resources	No. of E-Journals/Database
1	Emerald E-Journals Premier	310
2	IEEE (ASPP)	205
3	Springer	1700+
4	J-STOR	2832
5	EMIS Database	Company Database
6	SCC online and Heionline Platinum	18
7	Turnitin	01



#### 6.1.4 Library Services

**Total Library Users:** 5446 Active Users

**Total Books issued:** 6718

- Access to Abstracts and Full text articles through e-resources
- Library Users Help desk service
- Book Loan facility
- Online Public Access Catalogue (OPAC)
- User Suggestion Register
- 1514 I- Card/Smart Card was made
- Self-Issue/Return by Libsys Software (LSmart)
- E-delivery service for articles & chapters
- Inter Library Loan Services through DELNET
- Locker Facility
- New Arrival Display Service
- Newspaper Clippings
- Photocopy
- Printing
- Referral Services
- Selective Dissemination of Information (SDI)
- CAS (Current Awareness Services)

#### 6.1.5 Research and Career Support Services

- Library is member of Shodhganga and INFLIBNET to enhance academic and research activities among the scholars of the University.
- To enhance quality research in university, library is subscribing Anti-plagiarism software TURNITIN.
- Remote Access facility started in the library through Shibboleth (INFED) to access e-resources from 17.6.2022.
- To promote reading habit and inculcate the value of the books among the students, library established Gandhi Darshan room where literature related to Gandhi ji are available for students.

- To support the students for preparation of the competitive examinations like IAS /PCS a separate section is established for students.
- For study of personal books, a separate hall 24x7 is also available for the students.



## 6.2 Central Computer Centre

The Central Computer Centre (CCC) is responsible for creating, controlling, and regulating IT support services at the university level. The center's vision includes carrying out activities to achieve its objectives, such as the development of a state-of-the-art Data Centre, in-house hosting of various IT applications and servers, ensuring complete Wi-Fi coverage across the campus, providing 100 Mbps internet bandwidth to each school and 2 Gbps at CCC, establishing an advanced video conferencing system with 24x7 high-speed internet connectivity for students, delivering training on the latest IT software and technology to faculty members and staff at Gautam Buddha University, as well as offering consultancy services to nearby industries. The new building features a state-of-the-art Data Center equipped with the following facilities.

- VRV AC units for CCC building
- Visitor's area with front helpdesk
- Hardware Maintenance room
- 20 Racks space area



- Power Backup with 160 KVA (80KVA \*2) online ups.
- Lan switching managed by Cisco 6502E
- Precision AC for Data Center
- Lan Network Cisco switch 360 Nos.
- Cisco Access point for Wireless network 306 Nos.
- 16 Servers of DELL and HP for and Chassis SUN Server
- 54 Nos. Workstations for high computing
- 7 Nos. Eaton 80 KVA online UPS for power backup.
- 63 Projectors for Smart classes and board rooms.
- 861 Nos Desktops for labs and faculty & Staff's
- 233 Nos. Printers.
- 79 Nos Laptops.
- 2 Nos. NGFW for securing the Network
- 2 Nos. Router for dual ISP
- Total 1968 Nos. Complaints solved by CCC.
- Support Facility given by CCC in 200 Webinars and 10 high level Events

### **6.3 Corporate Relations Cell**

CRC acts as an interface between the students, faculty, and the corporate world to initiate continuous interaction with the industry, sharing the industry experiences, and understanding the industry needs.

#### **6.3.1 CRC Activities**

- GTT Foundation CSR led Skill Development/Job Readiness programme supported by Barklay's Bank was organized from 7th Oct to 10th Oct, 2022 for final year students.
- An expert lecture on "Way to Entrepreneurship" is organized on 12.12.2022, Speakers were Mr Anil Singh, Commissioner of Industries, GB Nagar and Mr Naresh Kumar Gupta, CEO Funzoo Toys India Pvt Ltd.
- Entrepreneurship Awareness Programme was organized on 10.02.2023 on Entrepreneurship Skills, Attitude and Behaviour Development by MSME-Development & Facilitation Office, Govt. of India, Ministry of MSME, Okhla, New Delhi. Speakers were Shri DS Tomer, Asst Director, MSME-DFO, GoI , Shri Neeraj Sharma, Asst Director, MSME-DFO, GoI, Shri YK Sharma, Sr Br. Manager, NSIC Noida

- HR Conclave on “Changing HR Landscape: Roles & Responsibilities in the New Normal” was organized on 11.02.2023, Speakers were Prof RK Sinha Vice Chnancellor Gautam Buddha University, Mr Ajay Kr. Sahoo Head HR NTPC, Mr Mohit Mathur, Head HR NSDC, Mr Farhat Umar, President & Global CHRO Mankind Pharma, and Mr Kunal Keerti, Head HR, Tenneco India Region
- A motivational talk on “Mukhyamantri Abhoday Yojna” was conducted on 17.03.2023, Speakers were Prof RK Sinha, Vice Chancellor Gautam Buddha University, Mr Manish Kumar Veerma, DM GB Nagar, Mr Shakti, Ad DCP GB Nagar, Mr SB Singh DSWO, GB Nagar
- An expert lecture on Artificial intelligence was conducted on 21.03.2023, Speaker was Kashwin Sahaiya, Product Manager Brane Enterprises.
- An expert lecture on “Biomedical Devices & Assistive Technology” is organized on 24.03.2023 Speaker was Dr Neelesh Kumar, Senior Principal Scientist, Biomedical Applications, CSIR-CISO Chandigarh.
- One day boot camp is organized to provide understanding about skills requirements for the placement AI, DevOps, Cloud Computing and Automation in Tier-1 Companies on 20.04.2023, the speakers were Mr Rahul Maheshwari, Ex Google& Adobe, Mr Rahul Garg- SDE2 at Adobe, Ms Supriya Purohit, Sr Operations Executive at Flipkart.
- An expert lecture on “Introduction to the power of AI” was conducted on 21.04.2023. Speaker was Shivani Shimpi, Researcher- University of Cambridge & University of Arkansas.
- A Career Guidance session on “Career Opportunities for Engineering Graduates in Middle East” was organized on 08.05.2023 speakers were Mr DV Singh, GM Stork UAE, Mr VK Shukla, Project Director, GE Power and Mr Rajat Garg- GM Bharat Electronics Ltd.
- Microsoft Learning Community Global Azure organized a boot camp on 12.05.2023, speakers were Mr Tushar Gupta, Infrastructure modernization Specialist at Google, Mr Brijender Ahuja, Technology Consultant at Microsoft and Ms Unnati Chhabra, Software Engineering at Zomato.



### 6.3.2 Placements

Placements Highlights 2022-23	
No. of Students Registered for Placements	448
No. of Companies visited campus	55
No. of placed students	329
Highest Salary Package offered	Rs. 24 lacs per annum
Average Salary Package of the batch	Rs. 4.5 lacs per annum

### 6.3.4 School wise details of placements

Details	USOM	USOBT	USoICT	USOE	SOVSAS	SoLJG	SOHSS
No. of Students Registered for Placements	60	10	295	55	20	10	5
No. of companies Conducted the Drive	17	6	25	7	6	3	6
No. of students Selected	46	3	230	42	4	2	2
Percentage of students Placed	77%	30%	78%	76%	20%	20%	40%

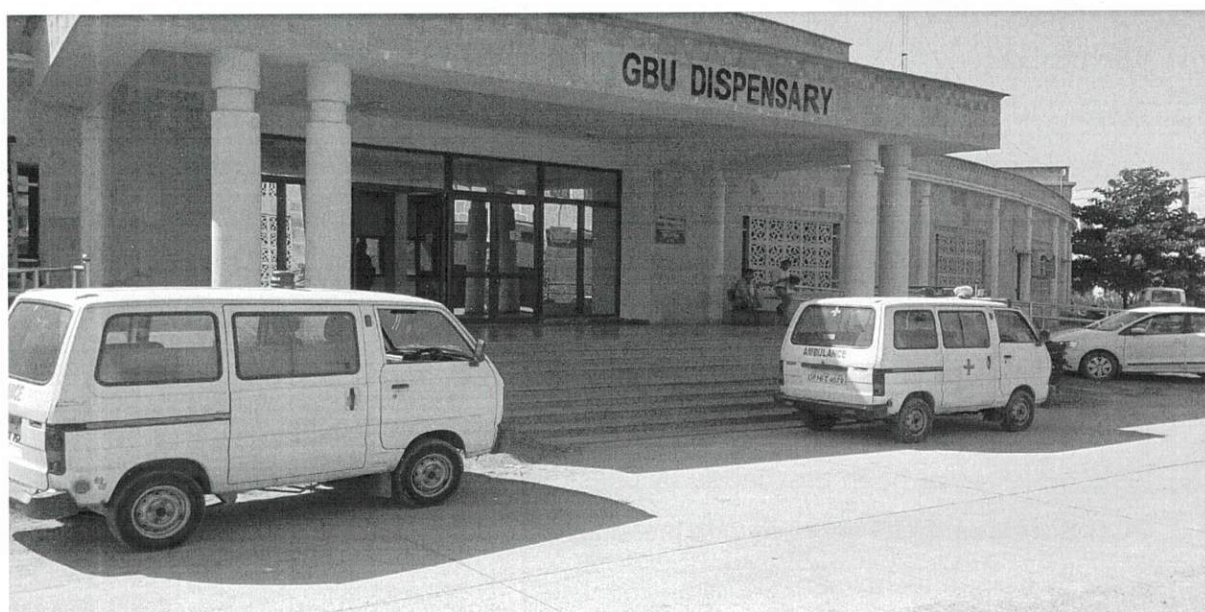
### 6.3.5 The companies have conducted the recruitment drive for passing out students

S. No.	Company Name	S.No	Company Name
1	Nagarro Software	29	Jindal Steel
2	Astrea IT Services	30	Hike Education
3	Hexaware	31	Remote State
4	Rinex Technologies	32	Kreeti Technologies
5	Smart Cube	33	Intelect Partneers
6	CELNET	34	Cloud Analogy
7	Nagarro Software	35	Growupp
8	HL Mando Softtech	36	Suwasthi Group
9	EVANIK	37	PwC Acceleration Centers in India
10	Chegg India	38	Tekion india Private Limited
11	Xiarch Solutions Pvt Ltd	39	S&P Global
12	LearningShala	40	Freerechagre Axis Bank
13	upGrad	41	FUB It
14	Celeb AI Technologies	42	Chorma Ator
15	Vinove Software and Services	43	PERSOLKELLY India Pvt Ltd

16	IndiaMART	44	Sivaroma Naturals Pvt Ltd.
17	Bureau Of Indian Standards	45	Head Field Solutions Pvt Ltd.
18	Infinity Retail Limited	46	ESAF Small Finance Bank
19	Qualtech	47	VAANEE AI
20	Capace Software Pvt Ltd	48	Spark Minda
21	SRVA Education	49	Axis Bank
22	Learning Routes Pvt Ltd	50	Honda Cars
23	Genpact	51	Teachnook
24	Decathlon	52	Indo Farm Tractors
25	Squareboat	53	Java T Point
26	Constems AI	54	CoverYou
27	SBI Life	55	Talent Toppers
28	TCS		

## 6.4 Dispensary

The multifarious medical needs of the Campus residents including of Students, faculty, Staff members and their dependents are met by the University Dispensary. The Dispensary has headed by the HOD (Dispensary) with a team of full time and visiting medical professionals. The Honorable Vice-Chancellor has also constituted a Dispensary Advisory Committee with a Chairman nominated by him and members drawn from hospital and other recognized bodies of the University. This Committee formulates various policies for providing medical facilities to the Campus residents.





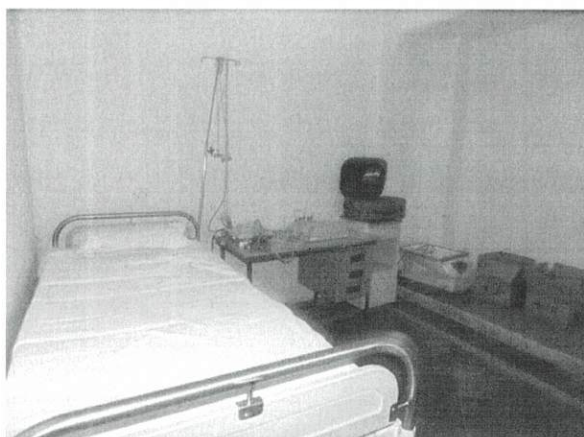
#### 6.4.1 Health care services:

1. **OPD (Allopathic):** Patients are registered at the reception and seen on first come, first serve basis, however out of turn consultation may be provided in case of emergency and senior citizen. In OPD, clinical consultation is provided to patients which includes history, clinical examination, diagnosis and prescription to patients besides advising laboratory tests in some cases. OPD has a waiting hall with chairs, public utilities like drinking water and toilets. Sub waiting areas are available in front of individual consultation rooms. Wheel chairs and attendants are there to help the sick patients.
2. **Physiotherapy:** A range of physiotherapy services are provided to assist the patients to recover from wide range of musculoskeletal pain-full disorders. Available modalities are:
  - Wax bath,
  - Shoulder wheel,
  - Pulley
  - Traction,
  - Hydrocollator hot pack,
  - TENS (transcutaneous electric nerve stimulator)
  - IFT, (interferential therapy)
  - MST (muscle stimulator therapy)
  - UST (ultra sonic therapy)
  - Cupping therapy
  - Dry needle therapy unit
  - Vibrator etc.
3. **Ward/ Indoor facility:** Ward facilities are available for observation and management of medical problems like typhoid, acute gastroenteritis, malaria, viral fever etc. There are 02 general wards, 01 special ward and 01 well-equipped emergency room.
4. **Minor OT:** Provides services for minor surgical procedure like dressing of any cut, wound, suturing of minor cut and others (done under local anesthesia.)
5. **Laboratory services:** Trained laboratory staff provides best services, which includes painless and safe blood withdrawal Services Blood sample collection for general clinical tests, which have been prescribed by physician at Dispensary in OPD hours.
6. **ECG Services:** ECG services with latest six channel automatic machine including report, done by trained technician.

7. **Pharmacy:** Free & best quality medicines are available to beneficiaries on doctor prescription during OPD hours.
8. **Ambulance Services:** 24x7 patient transport vehicle(s) are available. Patients are transported from Hostel/residence (in emergency on campus) to GBU Dispensary and patients referred by emergency duty doctor to higher medical center for specialized treatment.
9. Annually organizing free general and specialized health check-up camps, health awareness talks by Dispensary with leading hospitals & specialists, who working in Delhi-NCR for University Students/residents.
10. Annually organizing voluntary blood donation camp with Red Cross society and leading blood banks.
11. Providing health education for visitors in Dispensary by professionals.

#### 6.4.2 Health care events:

- Around 1150 patients had treatment and were provided free medicines from OPD, during year 2022-23.
- There were 2000 patients who got quality treatment in our physiotherapy Unit during year 2022-23.
- Provided medical services during University Sports event like Souryotsav, cross-country and other academic events.
- Quality health care facility was provided during mega event “UNESCO India-Africa Hackathon-2022” in November 2022 to participants and associates.



**ECG Room**



**General Health Check-UP Camp**



## **Chapter 7**

### **Schools of Studies**

---

In order to promote value-based education, research and training, the University has established eight schools of studies, which are:

1. **School of Management**
2. **School of ICT**
3. **School of Biotechnology**
4. **School of Engineering**
5. **School of Vocational Studies & Applied Sciences**
6. **School of Humanities & Social Sciences**
7. **School of Buddhist Studies & Civilization**
8. **School of Law, Justice & Governance**

Each School of studies in the University combines a multilateral confluence of academic training, research, innovation and creativity. The Schools and Centres of Excellence are embodiments of the University's ever-growing quest for excellence in higher education and research. All the Schools and the Centres are in synchrony with the essence of our predominant Buddhist Ethics and Practices in the modern context.

All these Schools of Studies encompass modern fields of studies, high-end technological exposure and a meaningful dissemination of knowledge coupled with practicing wisdom. A brief description of these Schools of Learning is given in the following section.

It envisions to set international standards to deliver management education and research with greater emphasis on skill development of students to meet the complexities of the changing world and to enable them to become successful leaders, researchers and entrepreneurs.

## 7.1 School of Management

### 7.1.1 Introduction to the University School of Management (USOM) and Department of Business Management

University School of Management (USOM) at Gautam Buddha University offers an exciting and conducive academic and research environment for the growth of individuals. With its focus on four core values - Character, Creativity, Competence, and Commitment, the USOM at GBU imparts cutting edge value-based and skill-based education in different management streams that are duly recognized and relevant globally as well as locally. It envisions to set international standards to deliver management education and research with greater emphasis on skill development of students to meet the complexities of the changing world and to enable them to become successful leaders, researchers and entrepreneurs.

At present, the School of Management has one Department – **Department of Business Management**. Department of Business Management focuses on multi-disciplinary and actionable business management programs. Presently, it runs programmes, such as, Master of Business Administration (MBA) with specialization in HRM, Marketing, Finance, Operations and Business Analytics, MBA (Executive), Dual Degree BBA-MBA (with exit option), B.Com. (Hons.) and Doctoral Programme (Full-time/Working Professional mode). The Department has state of the art classrooms equipped with computing and multimedia facilities and supported by an extensive library which includes books, journals, and films databases.

The Department ensures that the education imparted is relevant to the need of corporate world and creates well trained business leaders and managers who are able to influence management practices across organizational boundaries. The Department has full commitment to high quality research and hence, continuously invests in research activities in all major functional areas of business management, namely, Finance and Economics, Human Resource Management, Marketing and International Business, Operations Management & Decision Sciences, Strategy and Entrepreneurship, Business Analytics.



### 7.1.2 Academic Programmes Offered at USOM

<b>Under Graduate</b>	Five Year Dual Degree BBA-MBA (with exit option after BBA)
	B. Com (Hons.)
<b>Post Graduate</b>	MBA (Specialization: HRM/ Finance/ Marketing /Operations / Business Analytics)
<b>Doctoral</b>	Ph.D. (Management)

### 7.1.3 Admissions

S. No.	Program Name	Total Seats -2021	Admitted Students - 2021
1	Dual Degree BBA-MBA	75	67
2	B. Com (Hons.)	120	114
3	MBA	60	57

### 7.1.4 Laboratories

Computer Labs, Professional, Development Lab & Communication Lab

### 7.1.5 Research Advisory Committee Conducted: 8

### 7.1.6 Theses (Ph.D. Research) Produced: 10

### 7.1.7 Conferences, Seminars, Workshops, Training Programmes, invited talk, Expert lecture conducted

- i. Two-Day National Conference on “Management Education: In Light of NEP- 2020” during 27th – 28th March, 2023, a collaborative effort of CBLU, Bhiwani & GBU, Greater Noida, and Siksha Sanskriti Uthan Nyas New Delhi, jointly organized at Gautam Buddha University, Greater Noida. The conference was coordinated by Dr Dinesh Kumar Sharma and Dr Rakesh Kumar Srivastava, SOM, GBU from Gautam Buddha University along with coordinators from CBLU and SSUN.
- ii. ICSSR sponsored two days National Seminar on Achievements@75, Achievements of Indian Economy, organized by School of Management in hybrid mode on August 26 & 27, 2022.

Funded Amount: Rs. 2 Lakh, Organizers: Prof. Shweta Anand, Dr Naveen Kumar  
[https://www.gbu.ac.in/Content/qbudata/data/SOM/SOM\\_Seminar\\_Proceeding.pdf](https://www.gbu.ac.in/Content/qbudata/data/SOM/SOM_Seminar_Proceeding.pdf).

### 7.1.8 Research and Development

#### Papers published in refereed journals

- Chaudhary, N., Anand S. (2023). "An Empirical Study of Non-Performing Assets with special reference to public sector banks in India". Shodha Samhita: Journal of Fundamental & Comparative Research Vol. IX, Issue-I, Book No.2, January – June: 2023. ISSN: 2277-7067.
- Chaudhary, N., Anand S. (2023). "The Study of NPA in Scheduled Commercial Banks of India". Shodha Samhita: Journal of Fundamental & Comparative Research Vol. IX, Issue-I, Book No.2, January – June: 2023. ISSN: 2277-7067.
- Indu Uprety (2022), "Application of Taguchi method for optimization of wave soldering process parameters", International Journal for Research in Engineering Application & Management, Vol.8(8), pp.133-148.
- Panse, P., & Sharma, D. K. (2023). "Green Banking in India: A Sustainability Perspective", MANTHAN: Journal of Commerce and Management, vol. 10, no. 1, 2023, pp. 141-161. (UGC CARE)
- Panse, P., & Sharma, D. K. (2023), "Venture Capital Financing in India: Contemporary Issues and Challenges" Global Review of Business and Technology, Vol. 3, No. 01, ISSN: 2767-1941.
- Sharma, P., Sharma, D. K., Gupta, P. (2023), "Review of Research on Option Pricing: A Bibliometric Analysis" has been accepted for publication in Quantitative Research and Financial Markets (ABDC- B, Scopus, ESCI, UGC CARE).
- Sharma, P., Gupta, P., Sharma, D. K., & Agrawal, G. (2022), "Investigating the Efficiency of Bitcoin Futures in Price Discovery", International Journal of Economics and Financial Issues, 12(3), 104–109. ISSN: 2146-4138, (ABDC- C, Scopus).
- Sharma, D.K., Srivastava, R.K. and Gupta, P. (in press), "Study of stock returns through P/E, PEG and PERG: evidences from Nifty-100", Accepted for publication in International Journal of Business and Globalization. (ABDC- C, Scopus,).
- Swaroop Pragati and Varsha Dixit (2022), "Human Resource Practices & Work Engagement: A micro level study" in The Indian Journal of Industrial Relations Vol 58, No.1, pp48-67 Journal from Sriram college of Commerce.
- 'Dixit, Varsha and Shruti (2022). "Employee happiness and Workplace success in selected Information Technology Companies in Delhi-NCR" in the 'Business Review, Vol 16, No1 Journal of St. Joseph's Institute of Management, Bangalore.



- 'Dixit, Varsha, Madhu Arora and Shruti (2023). "Employee Happiness in Digital World" in the 'Effulgence' Vol 21, No. 1, Journal of Rukmini Devi Institute of Advanced Studies, New Delhi, pp 94-104.
- 'Dixit, Varsha and Yogita Rani (2022). "Managerial Competencies in the Real Estate Sector - A Review" published in Business Review, Vol 16, No1- A Journal of St. Joseph's Institute of Management, Bangalore, Karnataka India.
- Naveen Kumar and Jyoti Yadav (2023). "Buyer Perception of online life insurance in India and web aggregators" published in the "Strad Research" UGC care Journal, Vol-10, Issue-2, February 2023.
- Naveen Kumar and Prachi Aggarwal (2022). "Evaluating the Impact of social media influencers on consumer purchase intentions: An empirical study" published in the "ANVESAK" ISSN: 03784568, Vol. 52 No.1(IV) December 2022.
- Naveen Kumar and Prachi Aggarwal (2022). "Integrating artificial intelligence with Marketing: Concept and challenges" published in the "Journal of The Maharaja Sayajirao University of Baroda" ISSN0025-0422, Vol 56, No.8, UGC Care Journal, September 2022.
- Naveen Kumar (2022). "Determining Sustainable Consumerism in e-retailing: A social, economic and environmental perspective" published in the "Business, Management and Economics Engineering", Scopus Listed. Vol. 20 (2), Pg 662-676, September 2022.
- Naveen Kumar (2022) "Online life insurance emergence and Development" published in the International Journal of Business and Management Invention, e-ISSN: 2319-8028, vol No:11, Issue No:09, September 2022.
- Naveen Kumar (2022). "Shopping with Voice Assistants: Understanding Consumer Intention and mediating role of Trust" published in the "Indian Journal of Marketing", Indexed in SCOPUS, UGC's Group II list, ABDC Journal. Vol. 52, Issue 8. Pg 51-65, August 2022.
- Ajay Kansal and Shashank Sharma (2022). "Insolvency & Bankruptcy Code, 2016 and Resolution Process: Retrospect and Prospect", Vinimaya- National Institute of Banking Management, Pune, India, ISSN- 0970-8456. Vol- XLIII\_No\_3, pp.17-29.
- Ajay Kansal and Shashank Sharma (2023). "Impact of Financial Distress on Corporate Leverage in India- An Empirical Analysis". Asian Journal of Research in Business Economics & Management, ISSN- 2249-7307, Vol-13, Issue 5, pp 28-38.
- Ajay Kansal and Shashank Sharma (2023). "The Impact of Corporate Profitability &

Economic Growth on Resolution of Distressed Assets in India”, Global Journal of Enterprise Information Systems, ISSN- 0975-1432, Vol- 15, Issue 2, pp.7-13.

### **Publication in Conference Proceedings**

- Mehndiratta, P., Anand S. (2022, Aug 26-27). Impact of Covid-19 on Consumers Digital Buying Behaviour with special reference to Delhi/NCR. [Conference presentation abstract]. ICSSR Sponsored Two days National Seminar Achievements@75 held by SoM, Gautam Buddha University, Gr Noida, UP, India.
- Kumar, P., Anand. S. (2022, Nov 17-19). A study of how the government is expanding financial inclusion scheme among marginalized section (BPL) in India using ICT [Conference presentation abstract]. 2nd Pritam Singh Memorial (Prism) Conference Held at Indian Institute of Management Nagpur, India.
- Banerjee, S. (2023). Transforming Purchase Process from Informative to Affective: A multivariate analysis approach, INDAM2023@SBM- NMIMS Mumbai, 06-08 January 2023.

### **Publication as Book chapters**

- Kumar, P., Anand S. (2022). A Study on Government Backed Initiatives towards Financial Inclusion in India. In Achievements of Indian Economy@75, Pg Nos 137 to 143, ISBN 978-93-94336-09-4, JSR Publishing House LLP, New Delhi.
- Chaudhary, N., Anand S. (2023). Recent Advancements and Technological Innovations in the Indian Banking Sector. In Adaptation of Technological Advancement in India, Pg Nos, 121 to 132, ISBN 978-93-94336-23-0, JSR Publishing House LLP, New Delhi.

### **Book publication**

- Anand, S., Kumar, N. (2022). Achievements of Indian Economy@75, ISBN 978-93-94336-09-4, JSR Publishing House LLP, New Delhi Also listed on Amazon India.
- Anand, S., Kumar, N. (2023). Role of Women Empowerment in Achieving SDG's in India, ISBN: 978-93-94336-22-3, JSR Publishing House LLP, New Delhi Also listed on Amazon India.
- Anand, S., Kumar, N. (2023). Adaptation of Technological Advancement in India, ISBN: 978-93-94336-23-0, JSR Publishing House LLP, New Delhi. Also listed on Amazon India.



### 7.1.9 Ongoing Projects

Project Title	PI	Funding Agency	Sanctioned Amount (Rs.)	Award Year	Project start Date	Project Duration
Study of Supply Chain Linkages in the Major Potato-Producing Districts of Uttar Pradesh	Dr. Dinesh Kumar Sharma	ICSSR	Rs. 13,40,000/-	2023	21/03/2023	2 Years

### 7.1.10 Innovation and Patents

Faculty: Dr. Subhojit Banerjee, Asstt. Prof., SoM

IPR Registration No: L-123371/2023

Date of award: 05/06/23

Title of Work: Digital Marketing Sales Funnel

### 7.1.11 Award / recognition to faculty members

- Prof Shweta Anand (2022 –Aug 26-27) Best paper Award received in ICSSR Sponsored Two days National Seminar Achievements@75
- Prof Shweta Anand (2023- Feb) World BFSI Congress Award in Most Admired Professor (Finance)

### 7.1.12 Any other Information

ICSSR funding of Rs 2 Lacs received by Prof Shweta Anand and Dr Naveen Kumar (Co-conveners) vide F. No: ICSSR-NIS/AKAM/1st/6/2022-23 dated 17 May 2022 for organizing Two Days Conference Achievements@75 Achievements of Indian Economy: With Reference to Village, Youth, Women, Environment, Digitalization and Industries on 26th and 27th August 2022.





## 7.2 School of ICT

University School of Information and Communication Technology (USICT) was established in 2009. It's deviated into three departments viz Computer Science and Engineering (CSE), Department of Information Technology & Electronics and Communication Engineering ECE). USICT has the history of producing skilled doctorate, postgraduate and undergraduate professionals in the emerging areas of Information and Communication Technology (ICT). The school has excellence in research and education, with training and talks by our distinguished alumni, academicians, and professionals from the industry throughout the year. ICT pervades nearly all aspects of today's digital society and will continue in the decades ahead to be of critical importance to the nation's technological infrastructure. We are proud of the accomplishments of our many alumni, including prize-winning researchers, developers and project leaders in the world-class multinational organizations like Siemens, Astrea, Qualcomm, Cadence, Nokia, Lucideous, HCL, Sapient, NEC and so on.

The school offers full time and part time doctoral programmes with a substantial number of research scholars, postgraduate and undergraduate programmes in CSE & ECE and also integrated degree programmes in CSE & ECE. The school has spacious classrooms as well as state-of-the-art teaching aids including overhead projectors, LCD panels along with the learning management system. The faculty members are highly qualified, pioneering in teaching and research. Faculty members are involved in world-class research in Software Engineering, Data Science, Wireless Communication and



Networks, Artificial Intelligence & Robotics, and VLSI Design, Machine Learning, IoT, Networking, Cloud Computing, Big Data Analytics and Security and are recipients of numerous national and international awards. Several faculty members serve on the editorial boards / reviewer of many prestigious journals, including Institute for Electrical and Electronics Engineering (IEEE), Association for Computing Machinery (ACM), INTEGRATED, Springer, Elsevier, and other national and international journals etc.

### **7.2.1 Programmes**

#### **Under Graduate programmes**

- Year Integrated B.Tech.-M. Tech. (ECE)
- B.Tech. ECE 4 years
- B.Tech. ECE with specialization in AI and ML.

#### **Post Graduate Programmes**

- M. Tech. ECE (Specialization: Wireless Communication and Networks)
- M. Tech. ECE (Specialization: VLSI Design)
- M. Tech. ECE (Railway Signaling, Telecommunication and RAMS)

#### **Doctoral Programme**

Ph.D. (ECE) These are thrilling times for ICT research scholars, postgraduate and graduates' students, as the discipline is contributing towards the development of tools and techniques for almost every field of technology and society.

The school is focused on preparing students to meet the ever-increasing technological and social challenges with traditional self-discipline, hard work, all-round personality development and a creative approach to problem-solving. We also promote and nurture the spirit of innovation and entrepreneurship in students from the initial days of their tenure, so as to enable them, not only to be industry ready but also to be job creators, rather than job seekers. The representation of the industry to provide a flexible and interdisciplinary, credit-based curricular structure to students is another value addition being offered.

## **Vision**

To impart quality education for producing world-class technocrats and entrepreneurs with the latest knowledge, sound ethics and innovative ideas in ICT to meet industrial needs and societal expectations.

## **Mission**

To impart world class value based technical education in all aspects of ICT through state-of-the-art infrastructure and innovative approach to produce ethical, motivated and skilled professionals through theoretical knowledge and practical applications.

### **7.2.2 About the DCSE**

Department of Computer Science and Engineering offers courses in the area of Computer Science, Artificial Intelligence, Machine Learning, Internet of Things, Data Science, Cyber Security as well as in Information Technology. Five-year integrated programme and M.Tech. programme have been our strength since long. Being part of USICT, we offer and support interdisciplinary courses. Recently we have started 4-year B.Tech. programmes in Computer Science and Engineering and Artificial Intelligence, Machine Learning, Internet of Things, Data Science, and Cyber Security. We offer M.Tech. CSE with specialization in Software Engineering, Data Science, Artificial Intelligence and Robotics, M.Tech. in Cyber Security and we support M.Tech. (ECE) with specialization in Wireless and Communication Networks (WCN). We also offer Ph.D. Programmes for full time and working professional mode in all areas where research is being currently conducted by our faculty members.

We have highly qualified, competent and experienced faculty which is supported by well-equipped labs and infrastructure. Our department carries a vision to groom our students into professionals in their respective area of expertise. To do so, besides curriculum, we expose our students to frequent high quality skill enhancement workshops, industry visits, expert lectures, national and international conferences. Our students have achieved very high ratio of placement in good companies and several of them progressed to pursue further education abroad. We do regular updates in our curriculum to address need of the hour in the industry and to make our students ready for cutting edge technology. Under the supervision of our esteemed faculty, several scholars have completed their Ph.D. with high quality research and several are still pursuing. Our students and scholars have explored very deep in latest area in the computer science and information



technology. These areas include Artificial Intelligence, Data Science, Machine Learning, Internet of Things, Cloud Computing, Image Processing, Cyber Security, Big Data, Deep Learning, Pattern Recognition, Decision Making, Sensor Networks, Object-Oriented Programming, Component-Oriented Programming, Aspect-Oriented Programming, professional level Software Engineering, and many more.

### **Undergraduate Programmes**

- B.Tech. Artificial Intelligence
- B.Tech. Computer Science and Engineering
- B.Tech. Computer Science and Engineering (Under Self Finance Scheme)
- B.Tech. Computer Science and Engineering with specialization in Machine Learning
- B.Tech. Computer Science and Engineering with specialization in Data Science
- B.Tech. Computer Science and Engineering with specialization in Cyber Security
- B.Tech. Computer Science and Engineering with specialization in Internet of Things
- B.Tech. Information Technology
- BCA

### **Integrated Programmes**

- 5 Year Integrated B.Tech.-M. Tech (CSE)
- 5 Year Integrated B.Tech.-M. Tech (ICT)

### **Post Graduate Programmes**

- M.Tech. CSE (Specialization: Artificial Intelligence and Robotics)

### **Doctoral Programme**

- Ph.D. (CSE)

### **Vision**

To impart quality education for producing world-class technocrats and entrepreneurs with the latest knowledge, sound ethics and innovative ideas in Computer Science and Engineering and will try to meet industrial needs and societal expectations. Department of Computer Science and Engineering will have a transformative impact on society through

continual innovation in computer education and research.

### **Mission**

To impart world class value based technical education in all aspects of Computer Science and Engineering through state of the art infrastructure and innovative approach to produce ethical, motivated and skilled professionals through theoretical knowledge and practical applications. Department will try to provide a transformative educational experience for students and research scholars by providing deep disciplinary knowledge. Department will try to (a) attract and retain diverse students with world-class talent; (b) create a collaborative environment open to the free exchange of ideas, where research, creativity, innovation, and entrepreneurship can flourish through various study circles and clubs.

### **7.2.3 About Department of IT**

Information technology, one of the fastest-growing technologies, has become a strategic function in every organization and lands its foot in every walk of our life. At the undergraduate level, we offer a four-year B.Tech. IT Programme and BCA. At the postgraduate level, we offer two areas of specialization for a two-year MCA (i) Data Science and (ii) Artificial. From the academic Session, 2022-23 Department is starting M.Tech. IT and M.Tech. Information and Cyberwarfare at post graduate level. We also offer Ph.D. There are programs for full-time and working professional mode in all areas where our faculty members are currently conducting research.

#### **Undergraduate Programme**

- B.Tech. Information Technology-04 Year
- MCA, AI
- MCA, DS
- BCA

### **7.2.4 About the DECE**

Electronics and Communication Engineering is one of the most fascinating fields for understanding and practicing. Even tiny pieces of device nugget possess incredible magic. A mobile phone takes the electromagnetic signal from the air, converts, compress and processes this information further and shove it again in the air. Jillions of these data in a very short span of time received these messages and sent reliably to the different corner of



the globe. Everybody in the universe is connected wirelessly through just one identity number. The students of the department are nurtured in such a way they can be well recruitable in reputed companies or become researchers after completion of their degree from the department. Further, I am confident that this bunch of professional talents, who are going to complete our studies from the department, will be of great value and a big asset to any organization they join INTEGRATED PROGRAMMES.

### Under Graduate Programmes

- Year Integrated B.Tech.-M.Tech. (ECE)
- B.Tech. ECE 4 years
- B.Tech. ECE with specialization in AI and ML

### Post Graduate Programmes

- M.Tech. ECE (Specialization: Wireless Communication and Networks)
- M.Tech. ECE (Specialization: VLSI Design)

### Doctoral Programme

- Ph.D. (ECE) in.

### 7.2.5 Admissions

UNDERGRADUATE PROGRAMME	Total Students	Male	Female	UP Domicile	Outside UP	UR	OBC	SC	ST	PWD	FF	DD	EWS	International
B.Tech. Artificial Intelligence	13	8	5	9	4	5	3	4	0	0	0	0	1	0
B.Tech. Computer Science and Engineering	64	43	21	57	6	20	22	14	0	0	0	0	8	1
B.Tech. Computer Science and Engineering (Under Self Finance Scheme)	123	86	29	84	31	54	26	25	0	0	0	0	10	0
B.Tech. Computer Science and Engineering with specialization in Machine Learning	6	5	1	5	1	1	3	0	0	0	0	0	2	0
B.Tech. Computer Science and	14	9	5	12	2	8	2	2	0	0	0	0	2	0

Engineering with specialization in Data Science														
B.Tech. Computer Science and Engineering with specialization in Cyber Security	3	1	2	2	1	1	1	1	0	0	0	0	0	0
B.Tech. Computer Science and Engineering with specialization in Internet of Things														
B.Tech. Information Technology	62	47	15	51	11	28	13	17	0	0	0	0	4	0
BCA	60	45	15	44	16	24	26	8	0	0	0	0	2	0
<b>Integrated Programme</b>														
5 Year Integrated B.Tech.-M.Tech (CSE)	58	43	15	43	15	25	19	13	0	0	0	0	1	0
5 Year Integrated B.Tech.-M.Tech (ICT)														
<b>Postgraduate Programme</b>														
M.Tech. CSE (Specialization: Software Engineering)	1	1	0	0	0	0	0	0	0	0	0	0	0	1
M.Tech. CSE (Specialization: Artificial Intelligence and Robotics)	6	5	1	5	1	2	1	3	0	0	0	0	0	0
M.Tech. CSE (Specialization: Data Science)														
MCA Artificial Intelligence	32	20	12	24	8	13	11	5	0	0	0	0	3	0
MCA Data Science	30	23	7	26	3	20	4	3	0	0	0	0	2	1
MSC Data Science														
MSC Artificial Intelligence														
<b>Doctorate Programme</b>														
Ph.D. (CSE)	17	5	12	13	4	14	1	2	0	0	0	0	0	0



### 7.2.6 Laboratories functional

Department of DCSE			
S. No.	Name Of Laboratory	Faculty In-Charge	Technical support
1	Artificial Intelligence and Robotic Lab	Dr. Anurag Singh Baghel	Mr. Anmol Nagar
2	Computer Laboratory-I	Dr. Pradeep Tomar	Mrs. Sunita
3	Computer Laboratory-II	Dr. Arun Solanki	Mrs. Sunita
4	Cyber Security Lab	Dr. Aarti Gautam Dinker	Mr. Sanjeev Kumar
5	Expert System Lab	Dr. Arun Solanki	Mrs. Sunita
6	Multimedia Technology	Dr. Pradeep Tomar	Mrs. Sunita
7	Parallel Processing Lab	Dr. Neeta Singh	Ms. Sanjeev Kumar
8	Research Project Lab	Dr. Pradeep Tomar	Mrs. Sunita
9	Software Engineering Lab	Dr. Pradeep Tomar / Dr Arun Solanki	Mr. Sanjeev Kumar
10	Computer Networking Lab	Dr. Neeta Singh	Mr. Sanjeev Kumar
11	Design Lab (WCN)	Dr. Neeta Singh	Mr. Sanjeev Kumar
12	Computer Lab-III	Anurag Singh Baghel	Mr Surendra Pratap
13	Computer Lab-IV	HoD	Mr Surendra Pratap
14	Wireless Technology Research Lab	Dr Vidushi Sharma	Mr Praveen Kumar
15	Embedded Systems Lab	Anurag Singh Baghel	Mr. Anmol Nagar
Department of Electronics Lab			
16	Advance Analog and Digital Communication Lab	Dr. Anurag Singh Baghel	Mr. Anmol Nagar
18	Advance DSP Lab	Dr. Rajesh Mishra	Mr. Himanshu Saini
19	Basic Electronics Lab	Dr. Priyanka Goyal	Ms. Ravindra Kumar
20	Design Lab (VLSI Design)	Dr.R.B.Singh	Mr. Anmol Nagar
21	Digital Electronics Lab	Dr. R. B. Singh	Mr. Himanshu Saini
22	Digital IC Design Lab	Dr.R.B.Singh	Mr. Anmol Nagar
23	Electronics Circuits Lab	Dr. Priyanka Goyal	Ms. Ravindra Kumar
24	Electronics Workshop Lab	Dr. Vimlesh Kumar Ray	Ms. Himanshu Saini
25	Microwave and Antenna Lab	Dr. Vimlesh Kumar Ray	Mr. Anmol Nagar
26	Microwave Engineering Lab	Dr. Vimlesh Kumar Ray	Mr. Anmol Nagar
27	Microprocessor and Interface Lab	Dr. Vimlesh Kumar Ray	Mr. Anmol Nagar
28	Optical Communication Lab	Dr. Rajesh Mishra	Mr. Ravindra Kumar
29	Wireless Technology Research Lab	Dr. Vidushi Sharma	Mr. Sanjeev Kumar

### 7.2.8 Papers Published in Refereed Journals/ Conferences

Dr. Pradeep Tomar	Bhardwaj, H.; Tomar, P.; Sakalle, A.; Bhardwaj, A.; Asthana, R. and Vidyarthiand, A. (2023) "EEG based personality prediction using genetic programming", Asaian Journal of Control, Wiley-Blackwel, ISSN: 15618625, <a href="https://doi.org/10.1002/asjc.3019">https://doi.org/10.1002/asjc.3019</a> , Impact Factor 2.779
	Bhardwaj, H., Tomar, P., Sakalle, A., Sakalle, M., Asthana, R., Bhardwaj, A., and Ibrahim, W., (2022) "Personality Prediction with Hybrid Genetic Programming using Portable EEG Device",



	Computational Intelligence and Neuroscience, pp.1-8, Vol. 2022, Article ID 4867630, ISSN - 1687-5265, DOI: 10.1155/2022/4867630, 2022, Impact Factor 3.12
	Bhardwaj, H.; Tomar, P.; Sakalle, A.; Acharya, D.; Badal, T. and Bhardwaj, A. (2022) "A DeepLSTM Model for Personality Traits Classification Using EEG Signals", IETE Journal of Research, Taylor and Francis, ISSN: 3772063, doi.org/10.1080/03772063.2021.2012278, Impact Factor 2.3
	Tomar, D., Tomar, P. and Bhardwaj, A., (2022). "Deep Learning Neural Network Prediction System Enhanced with Best Window Size in Sliding Window Algorithm for Predicting Domestic Power Consumption in a Residential Building", Computational Intelligence and Neuroscience, Hindawi 1687-5273
	Wongchai A; Jenjeti D. R.; Priyadarsini A. I.; Deb, N.; Bhardwaj A and Tomar P., "Farm monitoring and disease prediction by classification based on deep learning architectures in sustainable agriculture", Ecological Modelling, Elsevier, pp.1-12, Vol. 474, ISSN: 0304-3800, <a href="https://doi.org/10.1016/j.ecolmodel.2022.110167">https://doi.org/10.1016/j.ecolmodel.2022.110167</a> , Impact Factor 3.512
Dr. Anurag Singh Baghel	Indu, Anurag Singh Baghel, Arpit Bhardwaj, Wubshet Ibrahim, "Optimization of Pesticides Spray on Crops in Agriculture using Machine Learning", Computational Intelligence and Neuroscience, vol. 2022, Article ID 9408535, 10 pages, 2022. <a href="https://doi.org/10.1155/2022/9408535">https://doi.org/10.1155/2022/9408535</a>
	Tiwari, S. M., & Baghel, A. S. Modeling for congestion detection, infrastructure need and Bayesian method under message detection strategies using simulation tools in Vehicular Ad Hoc Network (VANET).2023,
	Kumar, A., Maurya, P., Tiwari, S. M., Ali, A., Vasisht, H., & Baghel, A. S. (2022). Classification of forest cover-type using ensemble of decision tree, random forest and K nearest neighbor. JIMS81 International Journal of Information Communication and Computing Technology, 10(2), 615-619. ISSN: 2347-7202, <a href="http://dx.doi.org/10.5958/2347-7202.2022.00011.1">http://dx.doi.org/10.5958/2347-7202.2022.00011.1</a>
Dr. Priyanka Goyal	Priyanka Goyal, Deepesh Singh, "Improved two stage generative adversarial network for adversarial example generation with real exposure", Recent Advances in Computer Science and Communications, May, 2023, <a href="https://doi.org/10.2174/2666255816666230608104148">https://doi.org/10.2174/2666255816666230608104148</a>
	Namita, A. Garg, P. Goyal, Y. K. Awasthi, "Design of 16×100 Gbps free space optical system using advanced modulation techniques", Journal of optics, December, 2022, ISSN- 0974-6900, DOI:10.1007/s12596-022-01072-y
Dr. Neeta Singh	Rajnish Singh, Neeta Singh, Aarti Gautam Dinker et al. An Improved iNewRenoTCP Protocol for Mobile Adhoc Networks, 14 March 2023, PREPRINT (Version 1) available at Research Square [ <a href="https://doi.org/10.21203/rs.3.rs-2257643/v1">https://doi.org/10.21203/rs.3.rs-2257643/v1</a> ]
Dr. Arun Solanki	Kumar, S., Solanki, A. An abstractive text summarization technique using transformer model with self-attention mechanism. Neural Comput & Applic (2023).
	T. Singh, A. Solanki, S. K. Sharma, A. Nayyar and A. Paul, "A Decade Review on Smart Cities: Paradigms, Challenges and Opportunities," in IEEE Access, vol. 10, pp. 68319-68364, 2022,
	Ashok, Prabuddh Kumar, and Arun Solanki. "Applying privacy & proof of ownership on software licenses & patents using non-fungible tokens on public blockchains & securing them using hashing algorithms." AIP Conference Proceedings. Vol. 2782. No. 1. AIP Publishing, 2023.
	Sandeep Kumar, Arun Solanki, A Natural Language Processing System using CWS Pipeline for Extraction of Linguistic Features, Procedia Computer Science, Volume 218, 2023, Pages 1768-1777,



	Shreya Ganga and Arun Solanki. 2022. A Sentimental Analysis System Using Zero-Shot Machine Learning Technique. In Proceedings of the 2022 Fourteenth International Conference on Contemporary Computing (IC3-2022). Association for Computing Machinery, New York, NY, USA, 334–341. <a href="https://doi.org/10.1145/3549206.3549266">https://doi.org/10.1145/3549206.3549266</a>
Dr. Vidushi Sharma	Neeti Gupta, Vidushi Sharma, "A Stochastic Model for performance evaluation of hybrid network architectures of IoT with an improved design" Published in IETE Journal of Research, Taylor & Francis, 1-15, 14 Feb 2023, DOI: 10.1080/03772063.2023.2173666 (SCI INDEXED, IMPACT FACTOR: 1.7)
	Neeti Gupta, Vidushi Sharma, "Context Aware Hybrid Network Architecture for IoT With Machine Learning based Intelligent Gateway" Published in SN Computer Science Journal, Springer, 4, 297, 2023, DOI: <a href="https://doi.org/10.1007/s42979-023-01736-x">https://doi.org/10.1007/s42979-023-01736-x</a> (SCOPUS INDEXED)
	Joshi, G., Sharma, V "A robust and trusted framework for IoT networks". J Ambient Intelligence Humanized Computing 14, 9001–9019 (2023). <a href="https://doi.org/10.1007/s12652-022-04403-w">https://doi.org/10.1007/s12652-022-04403-w</a> . SCI-E, Scopus Indexed, Publisher-Springer
	Joshi, G., Sharma, V "Hidden Markov Trust for Attenuation of Selfish and Malicious Nodes in the IoT Network". Wireless Personal Communication 128, 1437–1469 (2023). <a href="https://doi.org/10.1007/s11277-022-10007-6">https://doi.org/10.1007/s11277-022-10007-6</a> . SCI-E, Scopus Indexed, Publisher-Springer
	Joshi, G., Sharma, V "Hidden Game Theory Based Trust strategic approach for trustworthy communication in Internet of Things". International Journal of Sensor Networks, Volume 41, No. 2, pp 97–113 (2023), <a href="https://doi.org/10.1504/ijnsnet.2023.129639">https://doi.org/10.1504/ijnsnet.2023.129639</a> SCI-E, Scopus Indexed, Publisher-Inder science
Dr. Aarti Gautam Dinker	Rajnish Singh, Neeta Singh, Aarti Gautam Dinker et al. An Improved iNewRenoTCP Protocol for Mobile Adhoc Networks, 14 March 2023, PREPRINT (Version 1) available at Research Square [ <a href="https://doi.org/10.21203/rs.3.rs-2257643/v1">https://doi.org/10.21203/rs.3.rs-2257643/v1</a> ]
	ROOPAK KRISHNA & AARTI GAUTAM DINKER, COMPARATIVE ANALYSIS OF NETWORK INTRUSION DETECTION SYSTEMS AND MECHANISMS, presented in National Conference on Legacy of Information Communication Technology Innovations and Cybersecurity (LICTIC-2023) JAN 19-20, 2023

### 7.2.9 Seminars/Conferences/Workshops/Extension Lectures Conducted

Conferences	
Dr. Arun Solanki	2nd Online International Conference on Artificial Intelligence and Sustainable Computing for Smart Cities (AIS2C2),(21-22, December, 2022, India)
	<a href="https://www.aiscindia.co.in/">https://www.aiscindia.co.in/</a>
	Online link of event: <a href="https://www.youtube.com/watch?v=pZsiqv9La_Y">https://www.youtube.com/watch?v=pZsiqv9La_Y</a>
	<a href="https://www.youtube.com/watch?v=rUBoN4NDWBs">https://www.youtube.com/watch?v=rUBoN4NDWBs</a>
Seminars/ Workshops	
Dr. Neeta Singh	1st Online National Conference on Legacy of Information Communication Technology Innovations and Cybersecurity (LICTIC-2023) JAN 19-20, 2023

Training Programmes	
Dr. Neeta Singh	NITTTR sponsored short term course on Machine Learning using Python through ICT 28.3.22-1.04.22
Expert Lectures	
Dr. Anurag Singh	1. Organized Expert Lecture by ST Microelectronics on 9 November 2022 at Auditorium at School of Management.
Baghel	2. As a part of ST Microelectronic, DevOps session was orchestrated on 21 February 2023
Hackathons	
Dr. Anurag Singh Baghel	1. Organized Hackathon in Collaboration with <b>UNESCO INDIA AFRICA HACKATHON 2022</b>
	No. of students participated: 79
	Date: 22nd -25th November 2022
	2. Hosted Tech-a-thon 3.0 with a participation of over 900 attendees on September 24th - 25th, 2022.
Seminars/events conducted by DECE	
Other School Events	
Dr. Anurag Singh Baghel	1. Collaboratively Arranged Quantum Machine Learning Workshop on July 5th, 2022. The session was jointly coordinated by iNeuron.ai.
	2. Facilitated a project mentorship initiative in collaboration with STMicroelectronics. This flagship project mentorship program was a collaboration between GBU and STMicroelectronics, designed exclusively for GBU students for 6 months (November 2022- April 2023)
Dr. Aarti Gautam Dinker	1. Worked as organizer in Hackathon in Collaboration with UNESCO INDIA AFRICA HACKATHON 22nd -25th Nov. 2022
	2. 1st Online National Conference on Legacy of Information Communication Technology Innovations and Cybersecurity (LICTIC-2023) 19th - 20th JAN, 2023
	3. WOW- Google Developer Student Club, Delhi NCR, 1st April 2023
	4. Worked as organizer in "Swami Vivekanand Youth Empowerment Scheme" smartphones and tablets distribution program facilitated by UPDESCO, held on 14th March 2023 in GBU



### 7.2.10 Books

S.No	Title of the Book/ Journal	Publisher (with city /country) & Year of Publication	ISBN/ISSN
1	SDN-supported Edge-cloud Interplay for Next Generation Internet of Things	CRC Press 2022/12/20	eBook ISBN9781003213871
2	The internet of drones: AI applications for smart solutions	CRC Press 2022/11/3	ISBN 9781774639856
3	Applications of Blockchain and Big IoT Systems: Digital Solutions for Diverse Industries	Publication date 2022/8/29 Publisher CRC Press	Hard ISBN: 9781774637456 E-Book ISBN: 9781003231332

### 7.2.11 Extra-Curricular Activities

- An Entrepreneurship Program on 25-8-2022.
- Full stack web development with hands on experience on Wordle on 23 Sept 2022.
- Research and explore event on 17 Nov. 2022.
- Tech Trivia (Tech quiz) On 18 Nov. 2022.
- Technofiction (Technical blog writing) on 28 Nov 2022.
- Film making contest on 10 Dec. 2022.
- Techsaksham Program Supported by Microsoft and SAP India 15 Feb 2023.
- G20Sahastam Techfest 16-19 Feb 2023.
- National Technology Day celebrations 11 May 2023.
- Webinar on System design with Big data analytics and skills required for Big technology tools on 6th April 2023 by AMAZON Labs USA.
- Code crafter event on 10 May 2023.
- Microsoft learn community global azure bootcamp 2023 on 12 May 2023.

### 7.2.12 Awards

### 7.2.13 Any other Information

#### Drone Center Related

#### Dr Rajesh Mishra

We plan to start a Training and Certification course in Drone Designing and Piloting.  
Two MoU signed with Omnipresent Robot Tech and IASC Sector Skill Council.

## **RAMS Center Related**

### **Dr Vidushi Sharma**

- To conduct research & develop solutions in the areas namely Railway signaling, Telecom & Optical Fiber technology, RAMS, Rolling Stock, Rolling Stock, Traction, Air conditioning/ Tunnel Ventilation, Power Supply Systems, Electrical & Mechanical Services, Station design & Construction, Concrete Technology, Automatic fare collection system, Fare & Non-fare Box Revenue, Passenger Tariff, etc.
- To assign a contract research project, if any to be conducted at GBU for Indian Railways.
- To provide internships access for training in railways for the students pursuing then programs related to railways, metro rail, and allied programs.
- The key objectives of the center for Rapid and Alternative Energy Mobility are:
- To run various programs of different durations in the discipline of metro rail engineering and management, and other verticals in the area of rapid and alternative energy mobility.
- To undertake collaborative research in the area of rapid and alternative energy mobility.
- To undertake contract research for the related organizations at Gautam Buddha University.
- To conduct training programs for the executives and employees of NMRCL at GBU.
- To allow reciprocal access for education training and research into each other's infrastructure equipment, R&D, and training facilities.
- To develop industry consortium and conduct university-industry round tables by involving and invoking cooperation from various stack holders namely, Indian railways and hardware manufacturers.

## **Cognitive Center Related**

Dr Arun Solanki

### **VISION & GOALS**

- The vision of the Center for Cognitive Computing is to promote learning and research in the field of Cognitive Computing. The research community should be able to exchange ideas and become accustomed to the field through formal interactions with experts of the domain. The center should work as a bridge between different departments, labs, and researchers to make new contributions to the field.



Also, the center should provide a channel to bring projects and fundings from Government and Private Sectors.

- The Center Goal is to provide a platform to the students, faculty, and researchers to work together and initiate teaching and research activities in the area to unveil various concepts and tools. The center will provide a common ground research community to discover challenges and possible solutions in computer vision. Teaching and learning will be the backbone of the future research activities, which would involve all stake holders.

**The proposed Center contributes as follows:**

- In an enhancement of quality education provided by the Institute with emphasis on domain specific expertise.
- Grooming and nurturing young talent willing to work in the field and facilitate with ample opportunities and guidance.
- In promoting research through investigating existing problems that can be solved with available tools and application in Cognitive Computing.
- In identification of the problems where cognitive computing could serve as one of the best solutions.

**The proposed Center will have the capacity to:**

- Establish infrastructure mostly through research funding.
- Leverage campus and state collaborations to that each benefits the other.
- Provide seamless support between and among student service areas (including advising, tutoring, counselling, etc.), productivity involving both staff and faculty in the area.
- Expand into new and emerging technologies.
- Collaborate with faculty, staff, students, community-based teaching, learning, and scholarships, thereby helping to strengthen such efforts and generating new models.
- Event Organised: <https://www.aiscindia.co.in/>

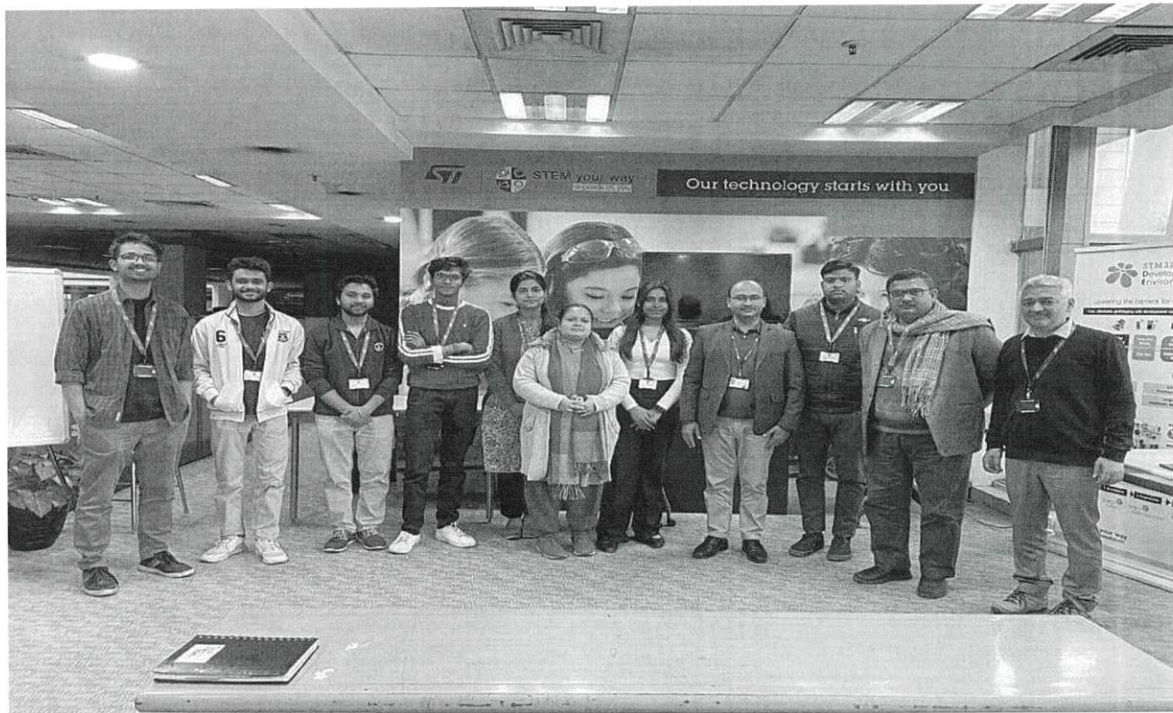
**CoE for Cyber and Information Security Applications**

- Centre of Excellence- Cyber and Information Security Applications (CoE-CISA)

- We plan to start a Training, Certification and diploma course in Cyber Security.
- CoE-CISA aims to upskill the cyber security knowledge and preparedness towards creating a secure and trusted cyberspace.
- The main objective is to prepare multifaceted cyber security professionals who can prevent and mitigate the emerging cyber security attacks.
- The centre nurtures the culture of cyber security awareness and skill enhancement by conducting workshops/events/short term courses etc. to achieve safer cyber space.



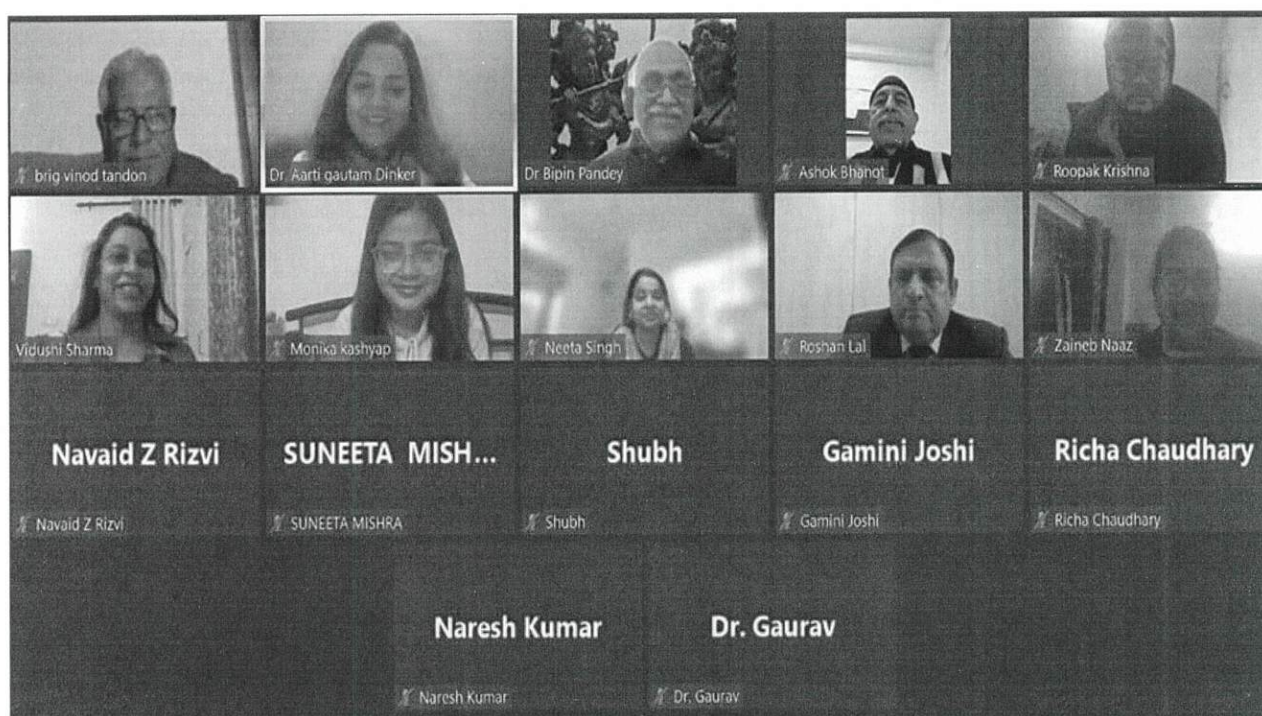












## 7.3 School of Biotechnology

### 7.3.1 About the School of Biotechnology

The School of Biotechnology is in a state-of-the-art building which incorporates both teaching and research facilities. The entire school building, including the lecture halls, teaching and research laboratories and school library are centrally air-conditioned and equipped with round the clock internet connectivity. Students here are educated in classical as well as modern biotechnology using the latest pedagogy techniques and also provided opportunity of hands-on laboratory training. Biotechnology combines disciplines like genetics, molecular biology, biochemistry, microbiology, immunology, and cell biology, which are in turn linked to practical disciplines like bioengineering, information technology and biorobotics.

The School of Biotechnology emphasizes on Biotechnology education programme with an impetus to generate a workforce that could turn into a substantially trained pool to meet the country's demands. The school is dedicated to provide quality service through teamwork, partnerships and developing team and individual strengths. Patenting of innovations, technology transfer to industries and close interaction with them have given a new direction to Biotechnology research in the world today. The school is an active center of basic and applied research and aims to achieve a balance of pure basic, strategic basic, applied and experimental development research.

### 7.3.2 Academic Programme

- Int. (B. Tech + M. Tech) Biotechnology
- M.Sc. Biotechnology
- M. Tech Biotechnology
- M.Sc. Molecular medicine
- M.Sc. Biotechnology & Genomics
- B.Sc. Biotechnology (H) by Research
- Ph.D. Biotechnology

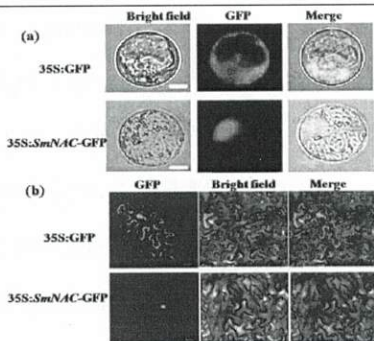
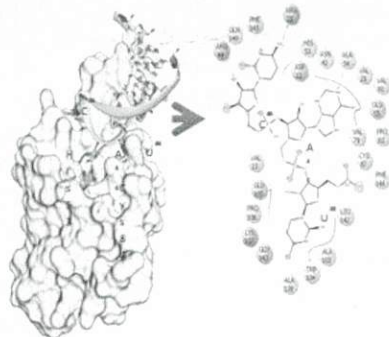
### 7.3.3 Admission (Programme wise Number)

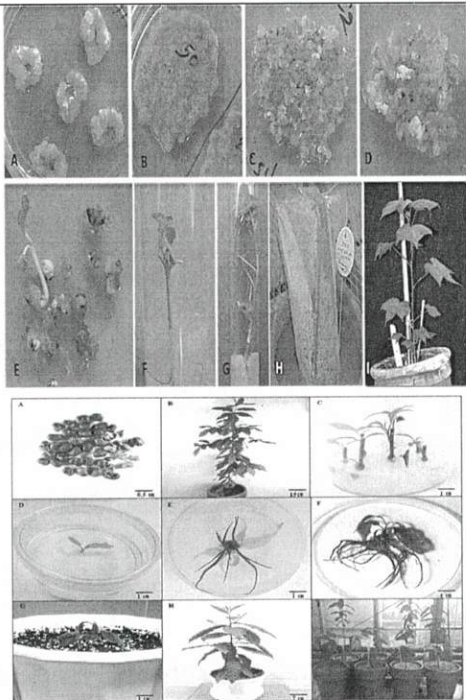
- Int. (B. Tech + M. Tech) Biotechnology: 45
- M.Sc. Biotechnology: 25
- M. Tech Biotechnology: 03
- M.Sc. Molecular medicine: 01
- Ph.D. Biotechnology: 04

### 7.3.4 Laboratories functional

S.No.	Name of the laboratories	Description
1.	Molecular Biology & Fermentation	The molecular biology and fermentation Lab has facilities for the fermentation of various microbes at shake flask as well as reactor level for the production of industrially important bioproducts. The lab is equipped with 7.5 liters capacity of fermenter for the production of both primary and secondary metabolites. Currently, the research work is focus on the optimization and scale up of biosurfactant production from indigenous Lactobacillus probiotics. The research work has also been carried out for the production of bacterial cutinases like enzymes for degradation of plastics.
2.	Drug Discovery & Design Plant Biotechnology	The lab involves the genomics, and genetic engineering of crop plants for improved field traits and resistance to stress conditions. The research is also focused on insilico design and development of drugs for various diseases.
3.	Molecular Medicine	The lab focused on studies on molecular basis of communicable and non-communicable diseases including H. pylori mediated gastric diseases, alternative medicines against antibiotics resistance pathogen, the COPD animal model and to investigate the pathogenesis behind the emphysema by using genomics and proteomics tools, screening of small molecules (Natural and Synthetic compounds) as potential inhibitors of various cancer progression and their mode of action, putative binding sites of various transcription factors onto promoter of genes involved in metabolic diseases/ stress condition etc. Molecular medicine laboratory provides all the basic technical facilities for animal cell culture, tissue sectioning,



		fluorescence microscopic analysis, bacterial culture, DNA/RNA isolation, protein expression and purification.
4.	Genomics & Molecular Diagnostics	<p>The lab has facilities for DNA isolation, purification, protein expression and purification, analysis of affinity purified complexes. The major research areas of lab are genome editing and molecular diagnostics. Currently CRISPR/TALEN mediated genome editing projects are being undertaken in the lab to improve nutritional quality and biotic stress resistance in plants. The team also developed an indigenous RT-PCR based COVID-19 detection system prototype.</p> 
5.	Microbial Biotechnology & Immunology	<p>Microbial Biotechnology and Immunology lab is focused on latest research related to bacterial and fungal pathogenesis. Drug resistance in bacteria is well known and, in the future, it's going to be biggest threat to human beings. In our lab we are deciphering the role of genome encoded Type II toxin-antitoxin (TA) modules in drug resistance using <i>Xenorhabdus nematophila</i> as model organism. Apart from this, we are also interested to understand the role of Type II Toxin-Antitoxins from <i>Pseudomonas aeruginosa</i> in the of development of antibiotic resistance and persister cells formation, which may be used as novel targets to overcome multidrug resistance developed in <i>P. aeruginosa</i>. Recently World Health Organization (WHO) has released the high priority fungal infection list threatening for human being and <i>Candida auris</i> is one of them. In our lab we are interested to understand the role TOR signaling in <i>Candida auris</i> infection using various molecular biology tools.</p>
6.	Structural Biology	<p>Multidrug drug resistance (MDR), is antimicrobial resistance of a microbial species to at least one antibiotic from three or more antimicrobial categories. The antimicrobial category is a classification of antimicrobial agents based on their mechanism of action and is specific to the target organism. The MDR types that pose the greatest threat to public health are MDR bacteria that are resistant to multiple antibiotics. One of the promising ways to tackle MDR is developing drugs gaint novel microbial targets. are working to explore new drug targets from bacterial origin such as <i>Pseudomonas aeruginosa</i> and <i>Mycobacterium tuberculosis</i>. We are characterizing tRNA modifying enzymes such as dihydrouridine synthases and adenosine deaminases from bacteria in order to be used as targets for design and development of novel categories of antibiotics.</p> 

7.	Plant tissue culture Lab	<p>A Plant Tissue Culture Lab gives the power of developing big wide variety of remote cells or tissues beneath sterile and managed situations acquired from any a part of the plant like stem, root, leaf etc. that are endorsed to supply greater cells in lifestyle and to explicit their totipotency (i.e., their genetic ability to produce greater flowers). Cells or tissues are grown in unique styles of glass vials containing a medium with mineral nutrients, nutrients and phytohormones. Tissue Culture strategies are being exploited on this laboratory to multiply flowers that are tough to propagate through conventional methods. Various projects on crop improvements on cotton, mustard, tobacco etc are being implemented in the laboratory. Micro propagation of vitex species and gene silencing studies in egg plant is also currently being studied in the plant tissue culture laboratory.</p>	
8.	Bio Safety Level-2	BSL-2 laboratories are used to study moderate-risk infectious agents or toxins that pose a risk if accidentally inhaled, swallowed, or exposed to the skin. This laboratory provides the basic facilities for the culture of mild pathogens might include bacteria, viruses, cell cultures, parasites, or particular types of fungi following standard operating procedure. BSL-2 includes Biosafety cabinet level-2, centrifuge, dedicated autoclave etc.	
9.	Bioremediation	Bioremediation can be defined as any process that uses microorganisms, fungi, green plants or their enzymes to return the environment altered by contaminants to its original condition. The main approaches for developing bioremediation include biostimulation, bioaugmentation, bioventing, biopiles, and bioattenuation. This Lab provides the basic facilities for aerobic and anaerobic culture condition for the growth of microorganisms.	
10.	Basic laboratory I & II	<p>Develop protocols and procedures for experiments, data recording, and record-keeping. Proper documentation is essential for research integrity and reproducibility.</p> <p>Provide training for laboratory personnel, including MSc students, on equipment usage, safety protocols, and laboratory procedures. Ensure that everyone is familiar with emergency procedures.</p>	

### 7.3.5 RDCs held in the session 2022-23

S. No.	Date	Roll No.	Candidate	Approved Title	Supervisor
1.	18 <sup>th</sup> November 2022	BT/PhD/2019/052	Abhilasha Morya	"Therapeutic potential of combined effect of All Trans Retinoic Acid and Recombinant Human Vascular Endothelial growth factor in the mice model of emphysema".	Dr. Jai Prakash Moyal
2.	18 <sup>th</sup> November 2022	BT/PhD/2019/051	Amit Kumar Singh	"High Throughput virtual screening and Molecular dynamics studies for identification of potential Dual inhibitors of SGLT1 & SGLT2 for Diabetes Therapy".	Dr. Shakti Sahi



3.	17 <sup>th</sup> November 2022	BT/PhD/ 2020/006	Kamini Pandey	"Characterization of biosurfactants isolated from indigenous <i>Lactobacillus</i> probiotics".	Dr. Barkha Singhal
4.	17 <sup>th</sup> November 2022	211/DBT /002	Komal Choudhary	"Green Synthesis and therapeutic use of gold-nanoparticles with and without antibiotic complexes against human gut Microbe <i>Helicobacter pylori</i> ".	Dr. Navin Kumar
5.	17 <sup>th</sup> November 2022	211/DBT /004	Madhu Kumari	"Identification of Plant miRNA-mRNA Regulatory Module(s) Involved in Flowering Time and Floral Development".	Dr. Bhupendra Chaudhary
6.	18 <sup>th</sup> November 2022	BT/PhD/ 2020/009	Piyush Bhati	"A study to evaluate the anti-cancer potential of seabuckthorn against oral cancer".	Dr. Mohd Tashfeen Ashraf
7.	17 <sup>th</sup> November 2022	211/DBT /006	Vandna Yadav	"Consecutive overexpression of Cytoskeletal Profilin gene in Indian Mustard ( <i>Brassica Juncea</i> L. cv) for improved agronomic trade(s) and drought tolerance".	Dr. Bhupendra Chaudhary

### 7.3.6 Research and Development: (Papers published in refereed journals)

S. N o.	Name of Faculty Member	Name of Authors	Title of Paper	Journal Name	Publisher	Vol.	Issue	Year	Pages Start-End
1.	Dr. Nagendra Singh	Shukla R, Chandra A, Kumar A, Kandpal P, Avashthi H, Goel VK, Qamar I, Singh N, David J. Kelvin DJ & Singh TR.	Repurposing of drugs against methyltransferase as potential Zika virus therapies.	Scientific Reports,	Nature Publishing Group	13	7870,	2023	2045-2322
2.	Dr. Nagendra Singh	Chaudhary, J., Singh, N., Srivastava, V.K. et al.	Exploring the significance of diaminopimelate epimerase as a drug target in multidrug resistant <i>Enterococcus faecalis</i> .	Vegetos	Springer	36	-	2023	1-9
3.	Dr. Nagendra Singh	Gurjar V, Iqara S, Chandra A, Qamar I, Singh N.	Drugs swapping in coronavirus strains: a structural biology view	J Biomol Struct Dyn.	Taylor & Francis	6		2023	1-8

4.	Dr. Deepali Singh	Liang Zhenpu, Yanqing Yang, Xiaoyan Sun, Junyang Du, Qiuyun Wang, Guozhi Zhang, Jiran Zhang, Xinming Yin, Deepali Singh, Ping Su, and Xiaoxia Zhang	Integrated Analysis of MicroRNA and mRNA Expression Profiles in the Fat Bodies of MbMNPV-Infected <i>Helicoverpa armigera</i>	Viruses	MDPI	Jan; 15(1) : 19.		2023	
5.	Dr. Deepali Singh	Ujjwal Sirohi, Mukesh Kumar, Vinukonda Rakesh Sharma, Sachin Teotia, Deepali Singh, Veena Chaudhary, Priya, Manoj Kumar Yadav	CRISPR/Cas9 System: A potential tool for genetic improvement in floricultural crops.	Molecular Biotechnology	Springer	64		2022	1303–1318
6.	Dr. Deepali Singh	Aishwarya Chaudhary, Deepali Singh	In-silico analysis of the regulatory region of effector protein genes in <i>Verticillium dahlia</i> .	Gene Reports	Elsevier	27		2022	101533,
7.	Dr. Rekha Puria	Sharma, S., Rawal, P., Kaur, S., & Puria, R.	Liver organoids as a primary human model to study HBV-mediated Hepatocellular carcinoma. A review. , 428(1), 113618	Experimental cell research	Elsevier	428 (1)	113618	2023	
8.	Dr. Rekha Puria	Khari, A., Biswas, B., Gangwar, G., Thakur, A., & Puria, R.	<i>Candida auris</i> biofilm: a review on model to mechanism conservation. , 1–14. Advance online publication.	Expert review of anti-infective therapy	Taylor and Francis	21(3)		2023	295-308
9.	Dr. Rekha Puria	Biswas, B., Gangwar, G., Nain, V., Gupta, I., Thakur, A., & Puria, R.	Rapamycin and Torin2 inhibit <i>Candida auris</i> TOR: Insights through growth profiling, docking, and MD simulations.	Journal of biomolecular structure & dynamics	Taylor and Francis			2022	1-17



10.	Dr. Imteyaz Qamar	Banerjee P, Chandra A, Mohammad T, Singh N, Hassan MI, Qamar I.	Identification of high-affinity pyridoxal kinase inhibitors targeting cancer therapy: an integrated docking and molecular dynamics simulation approach	Journal of Biomolecular Structure & Dynamics	Taylor and Francis online	Online ahead of print.	Online ahead of print.	2023	1-18
11.	Dr. Imteyaz Qamar	Shukla R, Chandra A, Kumar A, Kandpal P, Avashthi H, Goel VK, Qamar I, Singh N, Ke	Repurposing of drugs against methyltransferase as potential Zika virus therapies.	Scientific reports	Nature Publishing Group	13	1	2023	7870
12.	Dr. Imteyaz Qamar	Gurjar V, Iqra Kamil S, Chandra A, Qamar I, Singh N.	Drugs swapping in coronavirus strains: a structural biology view	Journal of Biomolecular Structure & Dynamics	Taylor and Francis online	Online ahead of print.	Online ahead of print	2023	1-8
13.	Dr. Imteyaz Qamar	Kumari S, Singh J, Arora M, Ali MS, Pandey AK, Benjamin M, Palanichamy JK, Bakhshi S, Qamar I, Chopra A.	Copy Number Alterations in CDKN2A/2B and MTAP Genes Are Associated with Low MEF2C Expression in T-cell Acute Lymphoblastic Leukemia	Cureus Journal	<a href="#">Springer Nature</a>	14	12	2022	1-17
14.	Dr. Imteyaz Qamar	Kumari S, Singh J, Arora M, Ali MS, Pandey AK, Benjamin M, Palanichamy JK, Bakhshi S, Qamar I, Chopra A.	Copy Number Alterations in CDKN2A/2B and MTAP Genes Are Associated With Low MEF2C Expression in T-cell Acute Lymphoblastic Leukemia	Cureus Journal	<a href="#">Springer Nature</a>	14	12	2022	1-17

15.	Dr. Imteyaz Qamar	Singh T, Banerjee P, Udit, Kumari S, Chopra A, Singh N, Qamar I.	Expression of Regucalcin, a calcium-binding protein is regulated by hypoxia-inducible factor-1 $\alpha$	Life Sciences	Elsevier	1	292	2022	120278
16.	Dr. Imteyaz Qamar	Chandra A, Chaudhary M, Qamar I, Singh N, Nain V.	In silico identification and validation of natural antiviral compounds as potential inhibitors of SARS-CoV-2 methyltransferase	Journal of Biomolecular Structure & Dynamics	Taylor and Francis online	40	14	2022	6534-6544.
17.	Dr. Imteyaz Qamar	Chandra A, Gurjar V, Ahmed MZ, Alqahtani AS, Qamar I, Singh N.	Exploring potential inhibitor of SARS-CoV2 replicase from FDA approved drugs using insilico drug discovery methods	Journal of Biomolecular Structure & Dynamics	Taylor and Francis online	40	12	2022	5507-5514
18.	Dr. Jitendra Singh Rathore	Yadav M, Rathore JS	In-silico analysis of genomic distribution and functional association of hipBA toxin-antitoxin (TA) homologs in entomopathogen Xenorhabdus nematophila	Journal Asia-Pacific Entomology	ELSEVIER	25	3	2022	101949
19.	Dr. Jitendra Singh Rathore	Chaudhary S, Yadav M, Mathpal S, Chandra S and Rathore JS	Genomic assortment and interactive insights of the chromosomal encoded control of cell death (ccd) toxin-antitoxin (TA) module in Xenorhabdus nematophila	Journal of Biomolecular Structure and Dynamics	Taylor and Francis	41	15	2023	7032-44
20.	Dr. Jitendra Singh Rathore	Mishra S, Arsh AM and Rathore JS	Trained Innate Immunity and Diseases: Bane with the Boon.	Clinical Immunology Commu	ELSEVIER	2	-	2022	118-129



				nica s					
21.	Dr. Jitendra Singh Rathore	S Rana, Kaushik D, Singh A, Gautam D, Rai J, Rathore JS	Aptamer: A theranostic approach towards breast cancer	Clinical Immunology Communications	ELSEVIER	3		2023	61-73
22.	Dr. Nisha Gaur	Gaur, N; Kumar, A & Sharma, E	Solar Energy Based Water Purification System: Process Modelling and Real Time Study	E-Indian Journal of Env. Protection	Kalpana Corporation	-	-	-	-
23.	Dr. Nisha Gaur	Das, P; Devi, N; Gaur, N; Goswami, S; Dutta, D; Dubey, R & Pujari, A	Acrylonitrile adducts design, synthesis and biological evaluation as antimicrobial, haemolytic and thrombolytic agent	Scientific Reports	Springer Nature	13		2023	6209
24.	Dr. Nisha Gaur	Gaur, N; Singh, A; Dutta, D; Dubey, R & Kamboj, D.V	Recent Advances in the Elimination of Persistent Organic Pollutants by Photocatalysis	Frontiers in Environmental Science	Frontiers	10	-	2022	872514
25.	Dr. Eti Sharma	Gaur, N; Kumar, A & Sharma, E	Solar Energy Based Water Purification System: Process Modelling and Real Time Study	E-Indian Journal of Env. Protection	Kalpana Corporation	-	-	-	-
26.	Dr. Eti Sharma	Kumar S., Sharma, E., and Garg G.	Therapeutic uses of Vitex negundo leaves in glycaemia control	Journal of Medicinal plant studies	Plant Journals	11(1)		2023	126-129
27.	Dr. Gunjan Garg	Bhati S, Garg G*, Dwivedi S, Yadav S K and Kumari P	Effect of salinity on biochemical components of the egg plant (Solanum melongena);	Indian J. of Agri. Sci.		91 (12)		2022	1808-11
28.	Dr. Gunjan Garg	Bharadwaj A, Rashi A and Garg G	Evaluation of phytochemical and antibacterial properties of leaf extract of	J Exp. Bio. and Agri. Sci.,		10(2)		2022	416 - 422

			Cinnamomum tamala oil,						
29.	Dr. Gunjan Garg	Singh V, Wahi N, Garg G, Singh A and Bhadauria S (:): DOI: 10.1080/03235408.2022.2047377, pp	Ecological and genetical diversity of black fungus-Aspergillus sp. Inhabiting stone monuments of Mughal dynasty in Agra (UP) analysed by RAPD method,	Arch. of Phytopath. and Plant Protection,				2022	1-19
30.	Dr. Gunjan Garg	Garg G, Soni S, Yadav S K and Kumari P	Mutagenic efficiency of gamma rays on in vitro regeneration in Indian mustard (Brassica juncea)	Indian J. Agri. Sci.,		92 (1),		2022	
31.	Dr. Gunjan Garg	Garg G, Yadav S K, Wahi N and Siya Ram	Potential emerges of Therapeutic Protein production using glycol engineering technology of plants	Trends in Carbohydrate Res.		14(1)		2022	pp35-44
32.	Dr. Gunjan Garg	Chourdia S., Raghuvanshi P., Kumar S and Garg G*	Metabolic acclimation in a plant by cold stress induces carbohydrate accumulation;	Journal of Medicinal Plants Studies		11(2)		2023	91-96
33.	Dr. Gunjan Garg	Kumar S, Sharma E*, Garg G	Therapeutic uses of Vitex negundo leaves in glycaemia control.	Journal of Medicinal Plants Studies		11(1)		2023	126-129
34.	Dr. Gunjan Garg	Raghuvanshi P., Chourdia S. and Garg G*	Metabolomics perspective of medicinal plants in treatment of Colorectal cancer	Plant archive,		23(1)		2023	74-80
	Bhupendra Chaudhary	Arora, S., Singh, A.K. and Chaudhary, B. (2023).	Coordination of floral and fiber development in cotton (Gossypium) by hormone- and flavonoid-signalling associated regulatory miRNAs.	Plant Molecular Biology	Springer			2023	



Bhupendra Chaudhary	Singh, K., Arora, S., Khuman, A., Aggarwal, A., Kumar, V., Chaudhary, B. (2022).	Comparative phylogenomic analysis of 5'cis-regulatory elements (CREs) of miR160 gene family in diploid and allopolyploid cotton ( <i>Gossypium</i> ).	Gene Reports		30	101721	2022	
Bhupendra Chaudhary	Chaudhary, B. and Kumar, V. (2022)	Emerging technological frameworks for the sustainable agriculture and environmental management.	Sustainable Horizons	Elsevier	3	100026	2022	
Bhupendra Chaudhary	Aggarwal, A., Arora, S., Khuman, A., Singh, K., Kumar, V., Chaudhary, B. (2022)	Comparative evolutionary dynamics of the 5'cis-regulatory elements (CREs) of miR167 genes in diploid and allopolyploid cotton species.	Plant Gene	Elsevier	32	100380	2022	
Bhupendra Chaudhary	Khuman, A., Kumar, V., and Chaudhary, B. (2022). 12(9):233.	Evolutionary expansion and expression dynamics of cytokinin-catabolizing CKX gene family in the modern amphidiploid mustard ( <i>Brassica</i> sp.).	3 Biotech	Springer			2022	
Bhupendra Chaudhary	Pandey, D.K., Kumar, V. and Chaudhary, B.	Concomitant expression evolution of cell wall cytoskeletal geneic triad(s) controls floral organ shape and fiber emergence in cotton ( <i>Gossypium</i> ).	Frontiers in Plant Science	Frontiers			2022	
Dr. Mohd. Tashfeen Ashraf	Abdul Arif Khan, Vijay Nema, Mohd. Tashfeen Ashraf	Host-microbiota interactions and oncogenesis: Crosstalk and its implications in etiology	Microbial Pathogenesis	Elsevier	178	May	2023	--

### 7.3.7 Details of Book/Book Chapters published

#### a). Details of book published

Year	Name of the Faculty Member	Title of Book	ISBN No.	Publisher
2022-23	Dr. Imteyaz Qamar	Cardiovascular toxicity and therapeutic modalities targeting cardio-oncology: From basic research to advanced study	ISBN: 9780323904629	Elsevier, USA
	Dr. Imteyaz Qamar	Novel Therapeutic Approaches targeting Oxidative stress	ISBN: 9780323909068	Elsevier, USA

#### b). Book Chapters Published

Year	Name of the Faculty Member	Title of Book Chapter	ISBN No.	Publisher
2022-23	Dr. Imteyaz Qamar	Book Chapter: Biochemical approaches/methods in detection of free radicals, 2022, Pages 171-198, Elsevier, USA	ISBN: 9780323909068	Elsevier, USA
		Book Chapter: Novel Anticancer drugs related to Cardiotoxicity	ISBN: 9780323904629	Elsevier, USA
		Book Chapter: Critical insights into cardiotoxicity of anthracyclines	ISBN: 9780323904629	Elsevier, USA
	Dr. Jyoti Upadhyay	Research trends in medical sciences (vol 22)	978-93-5570-693-5	AkiNik Publication
	Dr. Bhaswati Banerjee	Recent Research in Physical & Chemical Sciences and Engineering	ISBN- 978-93-91248-78-9	MKSES Publication, Lucknow, India in 2023
	Dr. Nisha Gaur & Dr. Eti Sharma	Hyperautomation in Precision Agriculture	9780443241390	Elsevier
	Dr. Nisha Gaur & Dr. Eti Sharma	Nanotechnology to Monitor, Remedy, and Prevent Pollution	9780443156601	Elsevier
	Dr. Jyoti Upadhyay	Research trends in medical sciences (vol 22)	) 978-93-5570-693-5	AkiNik Publication
	Dr. Navin Kumar	Green chemistry and sustainable development in chemistry.	ISBN:978-93-91382-02-5	Swastic Publication
	Dr. Navin Kumar	Nanoparticles-based immunoassays for early and rapid detection of HIV and other viral infections.	ISBN 978-0-323-99596-2	Academic Press, Elsevier
	Dr. Navin Kumar	Cardiovascular complication from cancer therapy.	ISBN 978-0-323-90461-2	Academic Press, Elsevier



### 7.3.8 Ongoing Projects

Year	Name of the Faculty Member	Title of project	Sanctioned Amount	Funding Agency	Period	Status of the Project
2022-2023	Jitendra Singh Rathore		56 Lakh	ICMR	3 years	Ongoing
	Rekha Puria	Prototyping and engineering of Candida auris TOR pathway in Saccharomyces for identification of potential drug targets and inhibitors	~ Rs 61 lakh	SERB, DST	3 years (2022-25)	Ongoing

### 7.3.9 Innovation and Patents

Year	Name of the Faculty Member	Title of patent	Status (Awarded / Filed)	Patent No.	Date of award	source of proof
2022-2023	Dr. Nisha Gaur	Compact Electronic single braille cell display device	Filed	-	-2022-23	

### 7.3.10 Events organised

S. No.	Academic activity/Events	Date
1.	National Workshop on "In Vitro Regeneration and Genetic Manipulation of Crop Plants"	19-23 December 2022
2.	Invited Talk on "X-ray Crystallography, Molecular Structures and Structure Based Drug Design" by Prof. D. Velumrgan, IIT Madras	19 December 2022
3.	National Workshop on "skill development in molecular biological Techniques"	25-29 April 2023

## 7.4 School of Engineering

In accordance with the Vision of the University, School of Engineering has been conceptualized and established with an objective to work out and develop a dependable model for growth, consistency and significant breakthrough in cutting edge technology and innovation. The rapid diffusion of core engineering fields like Civil Engineering, Electrical Engineering, Mechanical Engineering and architecture has the potential of bringing improvement in productivity and efficiency in almost every aspect of our life and consequently turning out to be a key driver of our economic growth. The SoE is committed to prepare technology leaders for tomorrow with our innovative curriculum and meticulous

pedagogy for training. The programmes offered are unique in their right and fall in line with international practices. Their efforts travel beyond classrooms and encompass trends and practices through our research and modular training at par with some of the best institutions of national and international repute.

In accordance with the Vision of the University, School of Engineering has been conceptualized and established with an objective to work out and develop a dependable model for growth, consistency and significant breakthrough in cutting edge technology and innovation. The rapid diffusion of core engineering fields like Civil Engineering, Electrical Engineering and Mechanical Engineering has the potential of bringing improvement in productivity and efficiency in almost every aspect of our life and consequently turning out to be a key driver of our economic growth. We are committed to prepare technology leaders for tomorrow with our innovative curriculum and meticulous pedagogy for training. The programmes offered are unique in their right and fall in line with international practices. Our efforts travel beyond classrooms and encompass trends and practices through our research and modular training at par with some of the best institutions of national and international repute.

#### **7.4.1 Programs**

The school has following engineering programmes at UG, PG & PhD levels:

- Architecture Engineering
- Civil Engineering,
- Electrical Engineering
- Mechanical Engineering

#### **7.4.2 Department of Architecture and Regional Planning**

Department of Architecture and Regional Planning is a progressive School of Architecture, with its overarching mission of environmental and Heritage consciousness embedded in the name of the institution. The school seeks to sensitize and equip future architectural design professionals to meet the serious challenges of Sustainable Development and fulfil their roles as responsible practitioners of Green Architecture, Indian Culture, Ethics, Local Crafts in Architecture. In line with this goal, Department of Architecture and Regional Planning engages faculty, industry experts, and researchers from various parts of the world, who provide insight into diverse design approaches and challenges, to inspire



students and keep them abreast of best practices in Sustainable Development and Design, Built Environment. Our goal is to adapt an interdisciplinary and transdisciplinary teaching methodology in imparting Architecture Education. We would like to expand our Masters in Architecture with Introduction of M. Arch. in Architecture Pedagogy to explore new paradigms of Architecture Education, M. Arch. in Urban Design to provided solutions for problems at urban level and serve the societal concerns. Starting from past we are trying to develop a research-based approach in Architecture Education. It would help in developing critical thinking ability of the future professionals. We are trying to embed theory of Design Thinking with its four important parameters of Empathize, Define, Ideate, Prototype and test. In this current semester we are trying to develop a connection between academia and industry by arrangement of various workshops and Expert Lectures. In future we are planning for hands-on workshops to develop the concept of learning by doing. We are also encouraging proposed projects in studios to bridge the gap between theory and practice.

#### **7.4.2.1 Laboratory/Workshop/Training Centres and Facilities**

- i. Carpentry Lab
- ii. Model workshop
- iii. Surveying Lab
- iv. Building Material Museum
- v. Climatology Lab
- vi. Construction Yard

#### **7.4.2.2 RDCs held in the session 2022-23**

<b>S. No</b>	<b>Date</b>	<b>Roll/ Reg. No</b>	<b>Candidate</b>	<b>Title of the Thesis</b>	<b>Supervisor</b>
1	08/04/2023	213/DAR/001	Mr. Akshay Sanyal	Use of PCMT for achieving Thermal Comfort in High rise building envelope in composite climate in India	Dr. Nirmita Mehrotra
2	08/04/2023	213/DAR/002	Mr. Aditya Sanyal	Assessment of low carbon building for composite climate in India	Dr. Nirmita Mehrotra

#### 7.4.2.3 Conference/Seminar/workshop/MDPs/FDPs conducted

S. No.	Title	Date
1.	Mata ni Pachedi Workshop	Sep 9th -10th, 2022
2.	Expert lecture on Water Centric Urban Planning by Prof K.K. Dhote, Professor, Department of Architecture, MANIT Bhopal	October 12th, 2022
3.	Expert Lecture on Thermal Comfort: Paradigm shift in Energy Restrained World by Prof Ritu Gulati, Faculty of Architecture, Dr APJ. Abdul Kalam University, Lucknow	December 14th, 2022
4.	International expert lecture on "New Tools in Urban Morphology "by Prof Marco Maretto, Professor of Architecture & Urban Design, Department of Engineering & Architecture, University of Parma, Italy	November 30th, 2022
5.	Lecture on Computational design by Firaz Salim Noori, Senior Lecturer, College of Architecture, Art & Design, Ajman University	November 1st, 2022
6.	Five-day online faculty development program on "Building Resilient Urban Communities"	December 26th to 30th

#### 7.4.2.4 Achievements/Awards/Accomplishments of the Faculty members

- Ar. Madhuri Agarwal
  1. A3F Teacher Award, 21 May 2022
  2. SEMS welfare Foundation, Best Guru Award, 09 April 2022

#### 7.4.2.5 Extra-Curricular Activities

S. No.	Date	Name of Activity
1	12 May 2022	Mandala Art Competition Organised in Department
2	13 May 2022	Cleanliness Drive in GBU under Swachh Bharat Abhiyaan
3	14 May 2022	Visit of students to Plumbex exhibition at PRAGITI MAIDAAN, New Delhi
4	17 May 2022	03 Days Interdisciplinary study visit to Haridwar & Rishikesh
5	29 May 2022	Wall Art Painting in the Department
6	1-4 June 2022	A Delegation of students participate in Annual NASA Convention at Christ University Bangalore
7	11 June 2022	Ghazal Mehfil at GBU on the Azadi Ka Amrit Mahotsav
8	14 August 2022	Poster Making and Photography Competition on the occasion of Independence Day
9	15 August 2022	Independence Day Celebration
10	26 August 2022	A Talk with Mukul Kanitkar, Bharatiya Shikshan Mandal at Subhash-Swaraj-Sarkar
11	1 September 2022	A Case study Visit of students to GBU Dispensary
12	1 September 2022	Site Visit to Neighbourhood Market of ALPHA II
13	5 September 2022	Teachers Day Celebration in Department
14	9-10 September 2022	Workshop on Gujrati folk Art -Mata Ni Pachedi by Artist Shraddha Trivedi
15	24 September 2022	Attended Global Conference on THE DAWN OF INFRASTRUCTURE AND TRANSPORT organized by Smart Habitat Foundation
16	20 October 2022	Diwali Mela Celebration



17	1 November 2022	Actual Site Demarcation exercise studio of Advance Construction, B.Arch 4 <sup>th</sup> Year
18	5 November 2022	Gautam Buddha's T-shirt Design Competition
19	14 November 2022	Children's Day Celebration in the Department
20	17 November 2022	Graffiti Art for UNESCO India Africa Hackathon2022
21	2 December 2022	Gautam Buddha University is the part of the G-20 Student Delegation in University Connect Program
22	17 December 2022	Students participated in Workshop on Designing streets as public spaces in line with the theme of the festival 'Exploring Children's Place in Public Spaces'

#### 7.4.2.5 Faculty Development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course)

Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
Ar. Anant Pratap Singh	Capacity building for energy conservation building code and eco niwas samhita from 18th to 22nd July organized by Amity school of architecture and planning Kolkata	18- 22 July 2022
Dr. Nirmita Mehrotra	Women Role in Empoerment& Fire Safety at Public Place, FSAI, ifsy 2022, Habitat Centre Delhi	3 <sup>rd</sup> Sept 2022

#### 7.4.2.6 Achievements/Awards/Accomplishments of the Faculty Members

S. No.	Year, month	Name of Faculty	Achievements
1	3 Sept 2022	Dr. Nirmita Mehrotra	Chief Editor: Seven Historical Forts of NCR, Haryana and Punjab
			Panelist, Building a Safe and secure India, India Fire Safety Yatra 2022, Fire and Security Association of India.
	29-30 Sept, 2022		Session Chair Housing: Challenges, Policies & Strategies of 21 <sup>st</sup> century, NIT Raipur Chhattisgarh India
	29-30 Sept, 2022		Paper Titled: "Exploring Insulation Materials for Increasing Thermal Comfort in Residential Buildings". Housing: Challenges, Policies & Strategies of 21 <sup>st</sup> century, NIT Raipur Chhattisgarh India
	29-30 Sept, 2022		Paper Titled: "Sustainable Housing Strategies of Green Smart New Capital City Amravati, Krishna River Bank, Andhra Pradesh India". Housing: Challenges, Policies & Strategies of 21 <sup>st</sup> century, NIT Raipur Chhattisgarh India
	29-30 Sept, 2022		Paper Titled: "Reducing Carbon Footprint in Housing Sector: A study". Housing: Challenges, Policies & Strategies of 21 <sup>st</sup> century, NIT Raipur Chhattisgarh India
	10 Dec 2022		Paper Titled: Hindu Architectural Features, Religious- Cultural Heritage and Medieval Settlements, Natural Caves in Vindhyan Tract of Historical Strategic Chanderi Hill Fort, Central India. International Journal of Research and Analytical Reviews (IJRAR)
	October-December		Article Titled: Modelling Tools for Assessment of Sustainability: Urban Metabolism and Circular Cities, Journal Institute of Town Planners, India

### 7.4.2.7 Students' Achievements

S.No.	Date	Activity	Student's Name
1	11 may 22	Winter school workshop on space architecture (mentioned by AKKA space studio)	Kushik Mishra
2	12 May 22	Berkly university price 2021 for architect in services to the community	Gauri Patra
3	13 May ,22	Mandala Art competition	Manisha Rani
4	14 May ,22	Internship in Germany at architecture Schschtnr GMBH	Sarthak Sharma
5	14 May ,22	Internship in Germany at AKP architects Berlin	Arnav Sharma
6	15 May,22	Job offer from German company AKP architects, Berlin	Hemlata Singh
7	15 May,22	Job offer from German company AKP architects, Berlin	Anjali Siwach
8	16 May ,22	Photography competition describing "Stories of cities in pandemic "in annual NOS plan 2021 (published in annual magazine	Satish Kumar and Prateek Pandey
9	16 May, 22	Article on "watching melting glaciers and rising sea levels. Published in NEWS plan official NOS plan Newsletter	Pragya Chaturvedi
10	16 May ,22	Architerron-ATX Design competition 2020 entry	Sartha and Arnav

#### National Level Exam:

S. No.	Session	Examination	Name of the Student	GATE Score
1	2022-23	GATE	Kushik Mishra	263

### 7.4.3 Civil Engineering Department

#### 7.4.3.1 About the School and Department

The School of Engineering came into functioning in the year 2010. There are two engineering Blocks, i.e., School of engineering block-A, and School of engineering block-B. School of Engineering block-A, includes two engineering departments namely, Mechanical Engineering and Electrical Engineering. School of engineering block-B contains two departments namely Civil Engineering and departments of Architecture & Regional Planning.

#### 7.4.3.2 Academic Programmes

In the starting, a 5-year integrated dual degree program (B. Tech. + M. Tech./MBA) was running in the department, its last batch has been passed out in 2022. Presently, the department of Civil engineering is running Bachelor degree, Master degree and Doctoral degree programmes. At



bachelor level, a 4-year B. Tech. in civil engineering is running. At Master's level, there are two specializations viz. 2-year M. Tech in Structural engineering & Environmental engineering.

#### **7.4.3.3 Admissions**

4-year B. Tech. 1<sup>st</sup> year-**09**, 2<sup>nd</sup> year-**35**, 3<sup>rd</sup> year- **39** and 4<sup>th</sup> year **65 (Total-148)**.

2-year M. Tech. Structure-1<sup>st</sup> year-**09** and 2<sup>nd</sup> year-**03 (Total-12)**.

**7.4.3.4 RAC/RDC conducted:** one RDC conducted.

#### **7.4.3.5 Laboratories Functional**

There are 10 labs functioning in the department.

#### **7.4.3.6 Research and Development (Papers published in referred journal)**

Journal Paper-03, Conference-01.

#### **7.4.3.7 Innovation and Patents**

The project work at bachelor level was conducted on some new topics (like-Use of various industrial wastes as building material & for soil stabilization etc.). The M. Tech dissertations are also conducted at various innovative topics (such as earthquake resistant design of building using friction Pendulum & Shear wall etc.). No Patent during 2022-23. Ph.D. research work is conducted during the session on almost new engineering topics viz; flow behavior of springs in Himalayan region and performance evaluation of canal rehabilitation work through sensitive analysis on Laterite soils.

**7.4.3.8 Conference, Seminar, Workshops, Training programmes, invited talk, and expert lecture conducted:** one one-day workshop and two one day lectures were held during 2022-23.

### **7.4.4 Electrical Engineering Department**

The Electrical Engineering department is the core department of School of Engineering in Gautam Buddha University, Greater Noida. The department of EE has been playing a vital role in producing highly trained and professional engineers ever since it was established in the year 2010. The department runs 07 under graduate programs with 02 major courses B.Tech in ( Electrical & computer Engineering, Electrical & Electronics Engineering, ) and B.Tech with 05 different specialization courses (Electric Vehicles, Industrial Automation, AI & ML, Biomedical Engineering and computer Engineering.) and 02 post-graduate programs, Integrated B.Tech + M. Tech. and M. Tech. in Electrical Engineering with 05 specialization courses (Power System, Power

Electronics & Drives and Instrumentation & Control Engineering., Renewable Energy and Power & Energy system) to cater needs of technical excellence in all areas of electrical engineering such as Integrated electronics and circuits, Control & Automation, Power systems & Power electronics. In addition to the strong undergraduate and post graduate programs, the department has also been offering a Ph. D program which plays a pioneering role in producing world class research scholars. The infrastructure and lab facilities are upgraded from time to time and provide adequate opportunities for students and researchers to learn and innovate. As far as the Department is concerned, academic standards and practical work are the two key parameters. The Department of EE has a fine blend of renowned as well as young and dynamic personalities as faculty, who are involved in imparting quality education. The faculty of the department has been constantly carrying out research on many cutting-edge technologies and regularly publishes their research paper in top reputed Journals and Conferences. The department conducts various programs like Workshops/Conferences/FDPs/Technical Training/Seminars/Expert lecture, etc. for constant knowledge up-gradation of staff and students. These activities help to explore new technologies, which keep our students and staff in touch with latest developments in the field of Electrical Engineering. Industrial visits are also regularly organized to enhance the practical knowledge of the students and to interact with the recent technologies used in the industries. The dept. has following specializations:

1. B.Tech. (EE)
2. Int. B.Tech.+ M.Tech.(EE)/MBA
3. B.Tech.(EE) with Minor Degree in: (AI & ML, EV, Industrial Automation, Biomedical Engineering)
4. M. Tech. (Power System, Power Electronics & Drives, I&C, RES)
5. PhD. (Electrical Engineering- All Specializations of Electrical Engineering)

#### **7.4.4.1 Academic Programmes**

**B.Tech. (EE)**

**Int. B.Tech.+ M.Tech.(EE)/MBA**

**B.Tech.(EE) with Minor Degree in:**

(AI & ML, EV, Industrial Automation, Biomedical Engineering)

**M.Tech. (Power System, Power Electronics & Drives, I&C, RES)**

**PhD. (All Specializations of Electrical Engineering)**



#### 7.4.4.2 Laboratories functional

S. No.	Laboratories Name	Room No
1	Machine lab	EP106
2	Mat lab Programming	EP105
3	Network Lab	EP103
4	Non-Linear Control Lab	EP104
5	Power Systems Lab	EP103
6	Advance Power Electronics & Drives Lab	EP102
7	Power Electronics Lab	EP102
8	Switch Gear & Protection Lab	EP102

#### 7.4.4.3 Research Advisory Committee Conducted: 03

S. No.	Name of the Scholar	Roll No.	Mode	Date of RDC/RAC
1	Abhishek Singh	213/DEE/003	FT	Nov. 21, 2022
2	Shubhra Goel	213/DEE/002	FT	Nov. 21, 2022
3	Babita Sigh	213/DEE/001	FT	March 24, 2023

#### 7.4.4.4 Conferences, Seminars, Workshops, Training Programmes, invited talk, Expert lecture conducted

Dr. M.A. Ansari

S. No.	Particulars
1	Contributed as TPC Member in IEEE IAS GUCON 2022 during sept. 23-25, 2022. Chaired a Session in IEEE Int. Conf. (GUCON 2022), Galgotias University, Gr. Noida, Sept. 23-25, 2022.

Dr. Omveer Singh

S. No.	Events	Key Role	Dates	Institutes
1	Lecture on Technological Disruption by Mr. Anurag Bansal, MD, 13D Research and Strategy, US	Organizer	16/02/2023	SOE, GBU, Gr. Noida
2	One Week FDP on Inspiring the Minds for Disaster Risk Reduction	Attended	06-10/02/2023	Gautam Buddha University, Greater Noida
3	Nuclear Power Corporation of India Ltd., Narora, Uttar Pradesh		16/12/2022	

**Dr. Nidhi Singh****STTP Organized**

- One week 4th STTP on “Applications of Techniques/Tools in Engineering” on theme ‘Machine Learning for Optimal Process Design and Development: Techniques and Tools in Python’ from 5-10 June 2023.

**Dr. Kirti Pal**

- Organising Committee Member in the celebration of National Science Day 2023 at Gautam Buddha University, Greater Noida.
- Keynote speaker and Session chair, International Conference on Advancements and Key Challenges in Green Energy and Computing, on “Integration of Electric Vehicle on Smart Grid”, Ajay Kumar Garg Engineering College, Ghaziabad. on 25 February 2023.
- Session chair, 4th International Conference on Computational and Experimental Methods in Mechanical Engineering, GL Bajaj Institute of Technology and management, Greater Noida, 11 February 2023.

**7.4.4.5 Research and development: (Papers published in refereed journals)****Dr. M.A. Ansari:**

- Pragati Tripathi, M.A. Ansari, Tapan Kumar Gandhi et al., “A Computational Intelligent Based Approach for Insomnia with Sleep Stage Identification using ECG Signal Processing Technique”, IEEE Access, vol.10, pp.108710-21, Oct. 2022 (SCIE Q1).

**Dr. Omveer Singh**

- Ashwini Kumar and Omveer Singh, “Optimal AGC of a power system incorporated BESSEHVAC/DC link using evolutionary techniques,” International Journal of Power Electronics and Drive Systems, Vol. 14, No. 3, pp. 1322-1330, September 2023. (Scopus Indexed, IF-0.35, ISSN: 20888694).

**Dr. Nidhi Singh**

- Prashant Nigam, Nidhi Singh and Lillie Dewan, “Controller Design Techniques for Nonlinear Systems- A Review”, International Journal of Engineering Research & Technology, vol-11, Issue-11, November 2022



### Dr. Kirti Pal

- Madhumita Kumari and Kirti Pal, "Dynamic Combined Economic Emission Dispatch Including Wind Generators by Real Codes Genetic Algorithm", IJAMC, Vol. 13, Issue 1, Article 35, 2022, pp.1-23, ISSN: 1947-8283
- Ipshita Negi and Kirti Pal, "Optimal Charge Scheduling of EVs in Distribution System with Solar Energy Parking Lots", IJSESD, Volume 13, Issue 1, Article 33, 2022, EISSN: 1947-8410, pp.1-14.
- Mahmood Aldobali, Kirti Pal & Harvinder Singh Chhabra, "Validation and predicting total body water in people with spinal cord injury using bioelectrical impedance analysis", Journal of Information and Optimization Sciences, Vol.43, Issue 1, pp.25-36, 28 March 2022, EISSN: 2169-0103.
- Rupika Gandotra and Kirti Pal, "FACTS Technology: A Comprehensive Review on FACTS Optimal Placement and Application in Power System", Iranian Journal of Electrical and Electronic Engineering, Vol.18, No.03, 23 September 2022, ISSN 1735-2827, pp.1-14.
- Km Brajesh, Charu Pawar, Kirti Pal, Munna Khan, "Evaluation of Bone Fracture Using Bio Electrical Impedance Analysis Techniques: A Review", Nuroquantology, Volume 20 No 11 (2022), pp.5779-5789, ISSN:1303-5150.

#### 7.4.4.6 Innovation and Patents

S. No.	Patent Details	Applicant(s)	Patent Status Published/ Filed	Date of Filing	Date of Publication	Source
1.	IOT based Flexible Electronics Smart Device for the e-Health Monitoring System	M. A. Ansari, Pragati Tripathi	Published	02/01/2023	06/01/2023	Indian Patent journal
2	AUTOMATIC MOTOR BIKE SIDE STAND, Application No.202311004604 A	Ombir Singh	-----		No. 06/2023 Dated 10/02/2023	The Patent Office Journal

#### 7.4.4.7 Award / recognition to faculty members

- Recognition from IN4OBE, USA for Exemplary Contribution to Global Educational Community, Aug.13, 2022.

#### 7.4.4.8 Project Submitted

- A Project proposal submitted to Ministry of Heavy Industries, Govt. of India for establishing a common Engineering Facility Centre at Gautam Buddha University, Greater Noida. (Submitted by Dr. Nidhi Singh).
- AI Model based Epilepsy Seizure Detection and Prediction to Suppress Seizures to Assist Healthcare System (Project Submitted to UPCST, 2023) by Dr. M.A. Ansari.

#### 7.4.4.9 Book Publications:

- “Advanced Control and Optimization Paradigms for Energy System Operation and Management”, River Publishers Series in Energy Management, July 2022, ISBN: 9788770226684, e-ISBN: 9788770226677.  
[https://www.riverpublishers.com/book\\_details.php?book\\_id=993](https://www.riverpublishers.com/book_details.php?book_id=993).
- “Study and Analysis of Spinal Injury(s) by Using Bio-Impedance Analysis”, LAP LAMBERT Academic Publishing, ISBN: 978-620-6-16510-1, 08 June 2023.  
<https://www.morebooks.shop/shop-ui/shop/product/978-620-6-16510-1>.





### 7.4.5 Mechanical Engineering Department

Welcome to the Department of Mechanical Engineering at Gautam Buddha University, Greater Noida, U.P. We started our journey in the year of 2010 and over the last one decade, we have grown our expertise and competence in the core Mechanical Engineering curriculum and research. Mechanical Engineering Department was established with an intake of 60 students in Integrated B.Tech. + M.Tech./MBA Programme with the goal to give quality education and to impart the best Technical/ Research and Practical training to our students.

M. Tech. in various specializations were initiated in the subsequent years:

- Industrial Engineering (2012)
- Thermal (2014)
- Design (2014)
- Manufacturing (2015)

Ph.D. Programme has enriched the research perspective of the department.

The department is committed to the adaptation of recent development in science and technology to meet the requirements of the present industrial scenario. The course contents are updated periodically for introducing new technological and scientific developments. The faculty and staff in the Mechanical Engineering Department are well qualified, experienced and are devoted to quality education.

#### Vision

To establish the department as a center of quality education in the field of Mechanical Engineering that empowers the graduates with a sense of sustainable technology and holistic approach to fulfill the need of industry and society with competence and compassion.

#### Mission

- To practice a high standard of teaching and learning process for maintaining quality education in Mechanical Engineering.
- Dedicated efforts to be made for enhancing the employability of students.
- To modernize laboratory facilities as per the latest curricula and research requirements.
- Introduction of new UG and PG programs in emerging fields of engineering.
- Lead the way in various field of mechanical engineering-based research and other scholarly activities.
- To inculcate a holistic approach for sustainable development while maintaining professional

ethics and values among students, faculty and staff.

#### 7.4.5.1 Academic Programmes

- B.Tech. in Mechanical Engineering
- 02 Years M.Tech. Programme with following specializations:
  - Design Engineering
  - Thermal Engineering
  - Manufacturing Engineering
- Ph.D. in Mechanical Engineering (Full time & Working Professionals)
  - Design Engineering
  - Thermal Engineering
  - Manufacturing Engineering
  - Industrial Engineering

#### 7.4.5.2 Laboratories functional

S. No.	Room No.	Name of Lab
1	EW 101	<ul style="list-style-type: none"> <li>• Fluid Machines lab</li> <li>• Advanced Thermal Engg. Lab</li> </ul>
2	EW 103	<ul style="list-style-type: none"> <li>• Welding Shop</li> <li>• Smithy Shop</li> </ul>
3	EW 105	<ul style="list-style-type: none"> <li>• Production Processes Lab –I</li> <li>• Production Processes Lab –II</li> </ul>
4	EW 106	<ul style="list-style-type: none"> <li>• Machine Shop</li> <li>• Manufacturing Technology Lab I</li> </ul>
5	EW 108	<ul style="list-style-type: none"> <li>• Applied Thermodynamics Lab</li> <li>• IC Engines and Gas Turbines Lab</li> </ul>
6	EW 201	<ul style="list-style-type: none"> <li>• Fluid Mechanics Lab</li> </ul>
7	EW 202	<ul style="list-style-type: none"> <li>• Heat and Mass Transfer Lab</li> <li>• Refrigeration and Air Conditioning Lab</li> <li>• Advanced Thermal Engineering Lab</li> </ul>
8	EW 204	<ul style="list-style-type: none"> <li>• Modeling, Simulation and Analysis Lab</li> <li>• Computer Aided Design Lab</li> <li>• Advanced Design Lab</li> </ul>
9	EW 205	<ul style="list-style-type: none"> <li>• Dynamics of Machines &amp; Vibrations Lab</li> </ul>
10	EW 206	<ul style="list-style-type: none"> <li>• Automobile Engineering Lab</li> <li>• Engineering Measurement and Metrology Lab</li> </ul>
11	EW 207	<ul style="list-style-type: none"> <li>• Computation Fluid Dynamics Lab</li> <li>• Finite Element Methods and Analysis Lab</li> </ul>



#### 7.4.5.3 Research and development: (Papers published in refereed journals)

S. No.	Name of Faculty Member	Authors	Title of Paper	Journal Name	Publisher	Vol.	Year	Pages Start-End	Category
1.	Dharamvir Mangal	Vikas Srivastava, Gaurav Kumar Gupta, Hemant Jain, D.V. Mangal, Pradeep Singh, I.B. Singh	Novel Synthesis Approach of Making Efficient Nanocomposite via Powder Metallurgy Route: Study of Microstructure and Mechanical Properties	Manufacturing Letters	Elsevier	31	2022	36-39	ESCI
2.	Dharamvir Mangal	Kamal Kant Singh, Dharamvir Mangal	Corrosion Behavior of AZ91/TiC/Al <sub>2</sub> O <sub>3</sub> Hybrid Composites	Journal of Bio and Tribo Corrosion	Springer	9	2022		Scopus
3.	Satpal Sharma	Praveen Kumar and Satpal Sharma;	Effect of High Tool Rotational Speed and Pin Diameter on Mechanical Properties, Microstructure and Formability of Friction Stir Tailor Welded Blanks;	Advances in Material and Processing Technologies	Taylor Francis	8	2022	pp. 4613 - 4641	Scopus
4.	Satpal Sharma	Chandra Vikram Singh, Praveen Pachauri, Shashi Prakash, Dwivedi, <u>Satpal Sharma</u> & R. M. Singari;	Formation of Functionally Graded Hybrid Composite Materials with Al <sub>2</sub> O <sub>3</sub> and RHA Reinforcements using Friction Stir Process;	Australian Journal of Mechanical Engineering	Taylor and Francis	20	pp. 141-154	2022	Scopus
5.	Harishchandra Thakur	Srivastava, R. S., Kumar, A., Thakur, H., & Vaish, R.	Solar assisted thermoelectric cooling/heating system for vehicle cabin during parking: A numerical study	Renewable Energy	Elsevier	181	2022	384-403	SCI
6.	Harishchandra Thakur	Johri, N., Agarwal, G., Mishra, R. K., & Thakur, H. C.	FEM analysis of polymeric hybrid composites	Materials Today: Proceedings	Elsevier	57	2022	383-390	Scopus

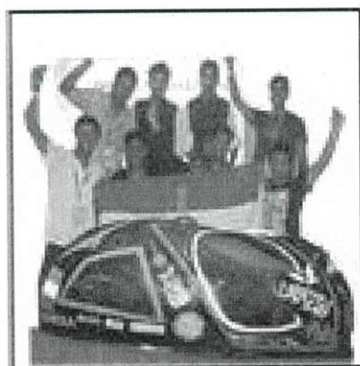
7.	Harishchandra Thakur	Saurabh, K. & Thakur, H.	Numerical analysis of annular fin of different profiles with a meshfree method. Materials Today: Proceedings	Materials Today: Proceedings	Elsevier	56	2022	943-948	Scopus
8.	Harishchandra Thakur	Saurabh, K., & Thakur, H.	Heat transfer and fluid flow analysis of artificially roughened solar air heater	Materials Today: Proceedings	Elsevier	56	2022	910-920	Scopus
9.	VikasShrivastava	P. S. Pundir, R. Srivastava, S. K. Agarwal, V. Shrivastava	On the estimation problems for discrete inverse gamma lifetime model with real data applications,	Life Cycle Reliability and Safety Engineering	Springer	11	2022	313-321	Other
10.	VikasShrivastava	Vikas Srivastava, Gaurav Kumar Gupta, Hemant Jain, D.V. Mangal, Pradeep Singh, I.B. Singh	Novel Synthesis Approach of Making Efficient Nanocomposite via Powder Metallurgy Route: Study of Microstructure and Mechanical Properties	Manufacturing Letters	Elsevier	31	2022	36-39	ESCI

#### 7.4.5.4 Conferences, Seminars, Workshops, Training Programmes, Invited talk, Expert lecture conducted

Title	Activity (seminars/conferences/workshops/extension lectures)	Level	Date	Number of participants
Workshop	CAD/CAM/CNC (CATIA AND DELCAM)	National	16 <sup>th</sup> -17 <sup>th</sup> December, 2022	15







SHELL ECO MARATHON



EFR-CYCLE



EFR-CYCLE

### Glimpse of technical events

## 7.5 School of Vocational Studies & Applied Sciences

### 7.5.1 Department of Applied Physics

Department of Applied Physics was established in 2011 as a part of the University School of Vocational Studies & Applied Sciences. Aim of the department is to impart in-depth knowledge of various disciplines of Physics and their applications by faculty members well-established in research and academics. The identified research area of the department includes Nanotechnology, Energy devices, Computational physics and Nanophotonics. The department considers the students to be the greatest asset and strives to enhance their overall development including theoretical and experimental abilities, problem solving skills, creative talent, and power of communication necessary for various kinds of employment.

#### 7.5.1.1 Academic Programmes

Programmes		No. of Seats
Code	Name and Duration	
UVS02	<b>B.Sc. (Hons.)- Bachelor of Science (Hons.)</b> (Physics) 3 Years (06-Semester)	30
PVS03	<b>M.Sc. - Master of Science</b> (Applied Physics) 2 Years (04-Semester)	20
RVS02	<b>Ph.D.</b> <b>Doctor of Philosophy</b> (Applied Physics)	Variable
PGV04	<b>PG Diploma in Renewable Energy Technologies</b> 01 Year (2-Semester)	20



**7.5.1.2 Laboratories functional****UG LAB-1 – Room No. VP101**

- Mechanics Laboratory
- Electricity and Magnetism Laboratory
- Thermal Physics Laboratory

**UG LAB-2 – Room No. VP102**

- Waves and Optics Laboratory
- Elements of Modern Physics Laboratory
- Solid State Physics Laboratory
- Electromagnetic Theory Laboratory

**UG LAB-3 - Room No. VP115**

- Analog and Digital System Laboratory

**UG LAB-4 - Room No. VP113**

- Engineering Physics Laboratory

**UG LAB-5 – CCC-2 (Computational Physics Laboratory)**

- Mathematical Physics-I Lab
- Mathematical Physics-II Lab
- Mathematical Physics-III Lab
- Quantum Mechanics Lab
- Statistical Mechanics Lab

**PG LAB-1 - Room No. V122**

- Physical Laboratory-I

**PG LAB-2 - Room No. VP115**

- Physics Laboratory-II

**Research LAB - Room No. VP103**

### 7.5.1.2 Conferences

Title of the paper	Title of the proceedings of the conference	Year of publication	ISBN/ISSN	Publisher	Category
Investigations on partially exfoliated graphite as electrode material for electric double layer capacitors (EDLCs),	Materials Today: Proceedings	60 (2), 1015-1020 (2022).	2214-7853	Elsevier	Scopus
Structural and electrochemical investigations on impregnated carbon soot derived by flame synthesis method.	MRS Advances	7, 570, (2022)	2059-8521	Springer	Scopus
Widening spectral range of absorption using natural dyes: applications in dye sensitized solar cell	Materials Today: Proceedings	49 (8) 3235-338, 2022	2214-7853	Elsevier	Scopus

### 7.5.1.4 Research and Development (Papers published in referred journals)

Name of Faculty Member	Authors,	Title of Paper	Journal	Publisher	Vol.	Year	Pages Start-End	Category
<b>Dr. Ashish K. Keshari</b>	Manjeet Singh and <b>Ashish K. Keshari</b>	Nano-organic and Nano bio-Corona Study of Al Doped ZnO Nanoparticles	Results in Surfaces and Interfaces	Elsevier	11	2023	100- 110	Scopus/Web of Science
Dr. Mausumi Pohit	Sanjeev Saxena, <b>Mausumi Pohit</b>	Improved Particle Swarm Optimization With Spiral Updating Mechanism for Multimodal Image Registration	International Journal of Swarm Intelligence Research (IJSIR)	IGL-Global	13	2022	1-20	Web of Science/ Scopus



<b>Dr. Manmohan Singh Shishodia</b>	Pratima Rajput, and Manmohan Singh Shishodia	FRET sensing, and field enhancement near spheroidal nanoparticle: Multipole spectral expansion approach	Optics Communications	Elsevier	519	2022	128391	SCI
<b>Dr. Vivek Kumar Shukla</b>	Ranbir Singh, Vivek Kumar Shukla, Mritunjaya Parashar, Vikrant Sharma, Satinder K. Sharma	Highly efficient quasi-cubic structured perovskite for harvesting energy from artificial indoor LED light source	Solar Energy	Elsevier	245	2022	332-	Scopus and Web of Science
<b>Dr. Alesh Kumar</b>	Alesh Kumar, S. Banerjee, P. Roy, H. Xu, C.R. Mariappan	Osteogenic commitment of strontium nanoparticle doped mesoporous bioactive glass ceramics	Material Science & Engineering B	Elsevier	286	2022	116068	SCI
<b>Dr. Mayora Varshney</b>	Aditya Sharma, Mayora Varshney, Yogesh Kumar, Ankush Vij, Ram K. Sharma, HyunJoon Shin	Structural, Electronic, and Magnetic Properties of $\text{NiGa}_2\text{O}_4$	Journal of Electronic Materials	Springer	51	2022	4139–4144	SCI

### 7.3.7 Department: Department of Applied Chemistry

The Department of Applied Chemistry at Gautam Buddha University, Greater Noida, since its inception in 2012, has the team of dedicated and intellectual faculty members who have propelled the department forward and have been able to maintain a steady growth by not only increasing visibility in academics, but also by engaging in interdisciplinary research creating environment for teaching and research for the students. The department has several state-of-

the-art instruments to support research activities. The University's infrastructure in various forms, such as central library and computer centre, support all research missions of the department. The accomplishments of our alumni reflect the high quality training imparted during their sojourn here.

Dissemination of value added education in chemistry through teaching, training and research so as to strive to contribute to nation, industry and address problems of societal importance is the ultimate motto of the Department.

We strive to ensure that all our undergraduate and postgraduate students have a strong education with teaming and leadership skills, involvement in student activities, and the practical background of internship experience. We believe that emphasizing these areas will make our students well qualified to take leadership roles in the future.

#### 7.3.7.1 Academic Programmes

Programme Name	Programme Code
B.Sc. (Hons.) Chemistry	UV04
M. Sc. (Applied Chemistry)	PV02
Ph.D. (Applied Chemistry)	RV01
PG Diploma in Polyurethane Technology	PGV02

#### 7.3.7.2 Laboratories Functional

Laboratories	Programme	Status
VP112	2019 B.Sc. (Hons.) Chemistry	All Functional
VP 114	B.Tech. (Engineering Chemistry)	
VP 107	M. Sc. (Chemistry)	
VP108	M. Sc. (Chemistry)	
VP109	M. Sc. (Chemistry)	



### 7.3.7.3 Research Advisory Committee (Formerly known as RDC) Conducted: 10

### 7.3.7.4 Research and development: (Papers published in refereed journals): 12

### 7.5.2.5 Innovation and Patents

Name of the Faculty Member	Title of patent	Status	Patent No.	Date of award
Dr. Deepti Goyal	Green synthesis, computer-aided drug design, physicochemical, and admet properties of novel sulfonamides as potential antimicrobial drugs,	Awarded	Publication Number WO/2022/180443, Patent: 202221037611 A	Sep. 2022.

### 7.5.2.4 Number of research papers in the Journals

S.No	Title of paper	Author/s	Name of journal	Year	ISSN Number
1	Exploring the Antibacterial Activity of Jute and Coir Fiber added Chitosan -starch blended Films	Neena Singh, Jaya Maitra	Der Pharma Chemica	2022	0975-413X
2	Characterization and testing of Gelatin extracted from poultry waste	Harshi Jaiswal, Nikita Bhardwaj and Jaya Maitra	International journal of innovation research in technology	2022	
3	First-time proficient use of CuS nanoparticles as photocatalyst for degradation of both anionic and cationic dye	Vandna Singh, Prathibha Bansal	Materials Today: Proceedings	2022	2214-7853
4	CuS nanoparticles with superior Sonocatalytic performance in the degradation of dye	Vandna Singh, Prathibha	Materials Today: Proceedings	2022	2214-7853
5	Microwave-assisted synthesis of heterocyclic metal complexes and evaluation of their in vitro anticancer activity against cancer cells, antioxidant and molecular docking study	Sabir Ali, Vandna Singh and Vishwas Tripathi	Indian journal of chemistry	2022	0975-0975
6	Nanoemulsion of Mentha piperita essential oil active against Mycobacterium strains	Sinha, N., Sharma, D., Hussain, S.M., Nain, M., Gupta, R.k.	Chemical Biology Letters	2023	2347-9825
7	Cissus quadrangularis (Hadjod) Inhibits RANKL-Induced Osteoclastogenesis and Augments Bone Health in an Estrogen-Deficient Preclinical Model of Osteoporosis Via	Azam, A., Leena Sapra, L., Baghel, K., Sinha, N., Gupta, R.K., Soni, V., Saini, C., Mishra, P.K., Srivastava, R.K.	Cells	2023	2073-4409

	Modulating the Host Osteoimmune System "Nanoemulsion from Mentha piperita essential oil active against Mycobacterium strains."				
8	Synthesis, analysis, and multifaceted applications of solid wastes derived silica nanoparticles: a comprehensive review.	Sakshi KabraMalpani and Deepti Goyal	Environmental Science and Pollution Research	2022	1614-7499
9	Exploring the Antibacterial Activity of Jute and Coir Fiber added Chitosan -starch blended Film	Singh Neena and Maitra Jaya	Der Pharma Chemica	2022	0975-413X
10	Activated Carbon catalyst from agriculture waste and their impact on esterification reaction	Ruchi Lamba	Journal of Biofuel	2022	0976-3015
11	Ab initio determination of molecular geometry and vibrational frequencies of benzo-trifluoride	Anita Kushwaha, R.L.Prasad and R.A.Yadav	Journal of chemistry; Education research and practice	2023	1756-1108
12	Vibrational studies of 2,3,5,6-Tetrachloro-1,4-benzoquinone and its reactivity: An <i>ab-initio</i> computational method.	Anita Kushwaha, Smriti Dwivedi and R.L.Prasad	Res. J. Chem Environment	2023	0972-0626

### 7.5.3 Department of Environmental Science

The Department of Environmental Science came into existence under the University School of Vocational Studies and Applied Sciences (USVSAS) at the Gautam Buddha University in July 2011. The Department of Environmental Science boasts seasoned faculty and modern facilities for teaching-learning, research and outreach activities. The forte of the Department lies in a strong team and experienced faculty members with diverse specialization, viz., Biodiversity Conservation, Environmental Impact Assessment, Social Impact Assessment, Restoration Ecology, Natural Resource Management, Energy and Bioenergy, Sustainable Waste Management, Bio-remediation and Phytoremediation, Environmental Monitoring, and Remote sensing, etc.

The Department of Environmental Science acts as a Nodal Centre for teaching the Ability Enhancement Course (AEC) Environmental Studies (A compulsory course as per the UGC guidelines) for all educational streams of learning at various Departments of the University. The course content is developed in consultation and collaboration with academic and industry experts with the objective to create the high-caliber workforce required to meet contemporary challenges in the diverse areas of Environmental Science.



The Department's Academic programs are reviewed, revised, and updated on a regular basis, taking into account the contemporary issues and needs of academia, research and industry.

The Department of Environmental Science has been proactive in expanding the outreach of the University by building ties with eminent knowledge partners, such as, Jawahar Lal Nehru University (JNU), New Delhi; University of Delhi (DU), Delhi; CSIR- National Physical Laboratory (CSIR-NPL), New Delhi; CSIR- Central Road Research Institute, New Delhi; Botanical Garden of Indian Republic, Ministry of Environment, Forest and Climate Change (Gol), Noida, U.P.; Wildlife Institute of India (WII), Dehradun; Indian Council of Agricultural Research (ICAR), New Delhi; CSIR-National Institute of Science Communication and Policy Research (CSIR- NIScPR), New Delhi; World Wide Fund for Nature - India (WWF), New Delhi; Tamil Nādu Pollution Control Board (TNPCB), Chennai; Indian Agricultural Research Institute (IARI), New Delhi; Banaras Hindu University (BHU), Varanasi; Guru Gobind Singh Indraprastha University (GGSIPU), New Delhi; and G. B. Pant University of Agriculture and Technology, Pantnagar (Uttarakhand). The Department is acting as a nodal partner for the GBU in Memorandum of Understandings (MOUs) signed with ICAR-Central Agroforestry Research Institute, Jhansi (U.P.); Bharat Test House P. Ltd., Sonapat (Haryana); Ch. Ramesh Chand Charitable Trust, Ghaziabad, (U.P.); Eco-Tech Instruments, Kasna, Greater Noida, Gautam Budh Nagar (U.P.); and Western Sydney University, Australia.

During the last five years, more than 20 students of this Department have qualified NET/GATE/SET organized by UGC/ICAR/AICTE, etc. Enthusiastic participation of the Department in observing important days, viz., National Science Day, World Wetlands Day, Ozone Day, World Food Day, World Environment Day, Wildlife Week, Earth Day, etc. under the visionary leadership of the Hon'ble Vice Chancellor of the University and erudite mentorship of the Dean, University School of Vocational Studies and Applied Sciences has always been remarkable and well appreciated. The Department strives continuously to inculcate a scientific bent of mind and good academic and research aptitude among the students and research scholars through well-designed curricular and co-curricular activities.

### 7.5.3.1 Faculty Members of the Department

Name	Designation
Prof. Dr. N. P. Melkania	Professor and Dean, USoVSAS
Dr. Bhaswati Banerjee	HoD, (Additional Charge)Asst. Prof.,
BT, USoBT	
Dr. Manju Sharma	Asst. Professor (On leave)
Dr. Asha Pandey	Faculty on Contract
Dr. Shiv Shankar	Faculty on Contract
Dr. Sarita Joshi	Faculty on Contract
Dr. Brij Kishor	Faculty on Contract
Dr. Saba Shirin	Faculty on Contract
Ms. Sheela Pal	Faculty on Contract

### 7.5.3.2 Academic Programmes

The Department offers four (04) academic programs, viz., **Master Programme (M.Sc.)** in Environmental Science, **Doctoral Research Programme (Ph.D.)** in Environmental Science (Full Time and Working Professional category), **Post Graduate Diploma in Environmental Management** (Full Time/Working Professional category), and **Post Graduate Diploma in Environmental Law and Policy** (Full Time/Working Professional category). All the programs follow the Choice-Based Credit System (CBCS) comprising of Core, Discipline-specific and Generic elective courses.

Additionally, the Department contributes as Knowledge Partner for Human Resource Development Programmes of the “Centre for Environment Law, Management and Research (CELMAR)” of the University School of Law, Justice and Governance, and Environment- Centric programmes of the Department of Applied Mathematics of University School of Vocational Studies and Applied Sciences. The Core courses of the Department, viz., Disaster Management, Waste Management, Environmental Impact Assessment and Sustainable Development, Energy and Environment, Fundamentals of Environmental Science, and Remote Sensing & GIS are well received by the learners of the University School of Engineering and the University School of Information and Communication Technology.



### 7.5.3.3 Functional Laboratories

Laboratory	Condition	Laboratory Equipment
VP110	Functional	Air Quality Monitor, Atomic Absorption Spectrophotometer (AAS),
VP111	Functional	Autoclave (Vertical), Biological Oxygen Demand Analysis System with Incubator, Bomb Calorimeter, Carbon Dioxide Monitor, Carbon Monoxide Monitor, Centrifuge, COD/TOC Digestion System, Conductivity/TDS Meter, Digital Electronic Analytical Balance, Fume Hood, Gaseous Pollutants Sampler, GPS System, Handy Sampler, Hanna Instruments Temperature Correction Water Quality Meter/Analyzer, Hot Air Oven, Karl Fisher Titrator, Turbidity Meter, Laminar Air Flow, Light Microscope, Magnetic Stirrer with Hot Plate, Muffle Furnace, Multiparameter System for pH, TDS, COD, DO, BOD, Oil and Grease Analyser, pH Meter, Pre-programmed UV-Visible Spectrophotometer, Real Time Noise Monitor, Respirable Dust Sampler, Rotatory Flask Shaker, Total Kjeldahl Nitrogen Analyzer, Water Bath (6 Holes), Water Bath Shaker, and Water Distillation Unit
Automatic Weather Station (AWS)	Functional	Wind speed, wind direction, rainfall, Temperature, Relative Humidity (RH), Pressure

### 7.5.3.4 Seminars/Conferences/Workshops/Extension Lectures Organized by The Department

Year	Name of the Activity	Title	Level (National/ International)	Date	Participants Nos.)
2021 - 2022	Event	International Food Day	National	16 October 2022	100
	Event	National Science Day	National	28 February, 2023	75
	Event	World Environment Day	National	05 June 2023	80

### 7.5.3.5 Research and Development (Publications)

Name of Faculty Member	Name of Authors, as in Paper	Title of Paper	Journal	Publisher	Vol.	Issue	Year	Pages Start-End
	Pandey, A. and Melkania N.P.	Meeting sustainable development goal 7 through education institutions	University News (Special Issue)	Association of Indian Universities	60	2	2022	22-30

<b>Prof. N. P. Melkania</b>	Shankar, S. and Melkania N.P.	Sunrise technologies for achieving sustainable waste management in India	<i>University News</i> (Special Issue)	Association of Indian Universities	60	2	2022	44-52
	Tomar, P. and Melkania N.P.	Environmental sustainability through artificial intelligence	<i>ENVIS Resource Partner, Geodiversity and Impact on Environment</i> , (Special Issue)	Jawaharlal Nehru University	27	1	2022	03-18
<b>Dr. Asha Pandey</b>	Pandey, A. and Melkania N.P.	Meeting sustainable development goal 7 through higher education institutions	<i>University News</i> (Special Issue)	Association of Indian Universities	60	02	2022	22-30
	Pandey, A. and Asif, M.	Energy and environmental sustainability in South Asia in the perspective of the sustainable development goals	<i>Renewable and Sustainable Energy Reviews</i>	Elsevier	165	-	2022	112492
<b>Dr. Shiv Shankar</b>	Shankar, S. and Melkania N.P.	Sunrise technologies for achieving sustainable waste management in India	<i>University News</i> (Special Issue)	Association of Indian Universities	60	02	2022	44-52

#### 7.5.3.6 Awards/ Recognition Received by Faculty Members

Year	Name of the Faculty Member	Name of the Award	Status of the Award (Nat./Int.)	Conferring Agency	Date of the Award	Field/ Contribution
2022-23	Dr. Saba Shirin	Outstanding Reviewer of 2022, Journal of Aerosol Science and Engineering	International	Springer	2023	Reviewer

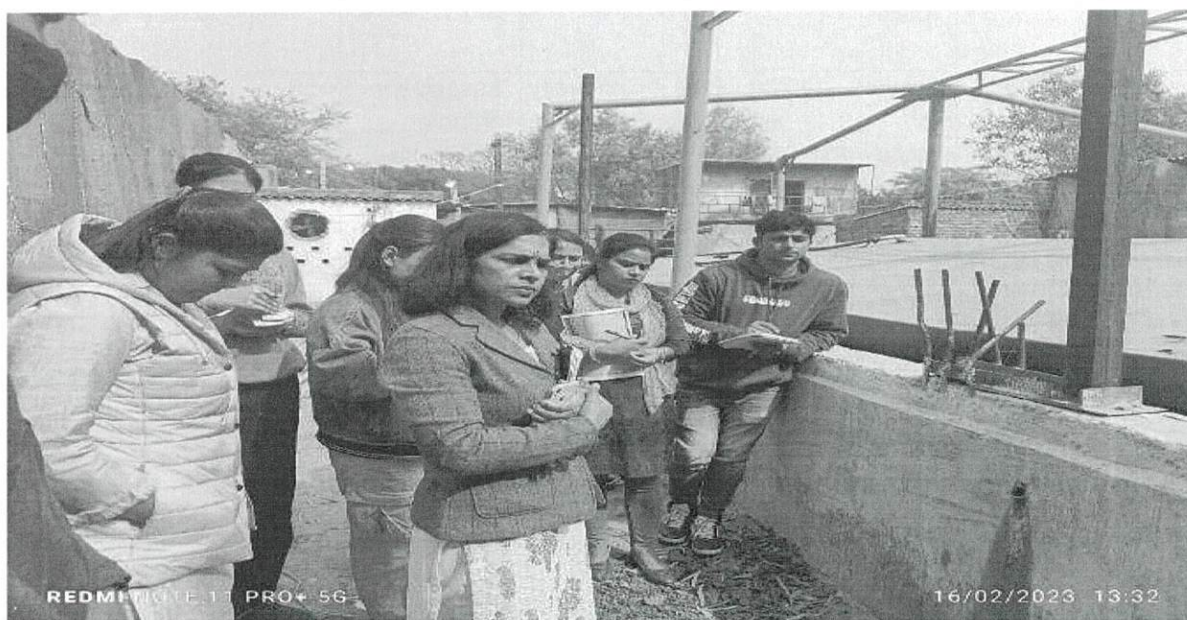


### 7.5.3.7 Any Other Information

- M.Sc. 2<sup>nd</sup> year student Victoria Hadid (218/PES/005) received the Merit based fellowship/scholarship of the GBU
- Organized field study tour to Biogas Plant at Sarita Vihar, Delhi for practical demonstration of biogas production and utilization using waste to the students of M. Sc Program.



Celebrating the World Food Day-2022-I



A glimpse of Biogas Plant Visti-I



A group photograph of National Science Day-2023 celebration-I



World Environment Day 2023 Celebration and Interaction



### 7.5.4 Department of Mathematics

The department of Applied Mathematics at Gautam Buddha University is located in the school of vocational studies and applied sciences. It was established at the beginning of the university. The department reflects the university's objective of excellence in teaching and research. In the pursuit of excellence, it aims to be consistent and oriented. It has grown into one of the country's premier Mathematics departments, delivering outstanding teaching and research. In addition, research is conducted in interdisciplinary areas of science and technology, contributing to the university's vibrant academic ambience.

#### 7.5.4.1 Academic Programmes

S. No.	Programme Name	Programme Code
1	B.Sc. (Hons.) Mathematics	BHM (UV05)
2	M. Sc. (Applied Mathematics)	PAM (PV04)
3	Ph.D. (Applied Mathematics)	PAP (RV03)

#### 7.5.4.2 Laboratories Functional

S. No.	Laboratories	Status
1	VP202	All Functional
2	VP 201	All Functional

#### 7.5.4.3 Research Advisory Committee (Formerly known as RDC) Conducted:

S. No.	Research Advisory Committee (RAC)		Student's Name
1.	Dean	SoVSAS	Anjali (2019/VSAS/M AF01)
	Head	Department of Applied Mathematics	
	Supervisor	Dr. Fahed Zulfeqarr	
	Subject Experts		
	1. Dr. Amit Ujlayan	Applied Mathematics, SoVSAS	
	2. Dr. Anurag Singh Baghel	SoICT	
2.	Dean	SoVSAS	Nitin (20/VSAS/MA F01)
	Head	Department of Applied Mathematics	
	Supervisor	Dr.Sushil Kumar	
	Co-Supervisor	Dr. Amit Kumar Awasthi	

	<b>Subject Experts</b>		
	1. Dr. H.C. Thakur	SoE	
	2. Dr. Shakti Sahi	SoBT	
<b>3.</b>	Dean	SoVSAS	Monika Sharma (218/DAM/002 )
	Head	Department of Applied Mathematics	
	Supervisor	Dr. Dipti Singh	
	<b>Subject Experts</b>		
	1. Dr. Nidhi	SoE	
	2. Dr. Anurag Singh Baghel	SoICT	
<b>4.</b>	Dean	SoVSAS	Diksha Sundriyal 218/DAM/003
	Head	Department of Applied Mathematics	
	Supervisor	Dr. Pratiksha Saxena	
	<b>Subject Experts</b>		
	1. Dr. Amit Kumar Awasthi	Applied Mathematics, SoVSAS	
	2. Dr. Shakti Sahi	SoBT	

#### 7.5.4.4 Conferences, Seminars, Workshops, Training Programmes, invited talk, E lecture conducted: 03

- Organize one-week Short Term Training Program on “Application of Techniques/Tools in Engineering” at Gautam Buddha University, Greater Noida, 5<sup>th</sup> -10<sup>th</sup> June, 2023.
- Chaired a session during “12th International Conference on Soft Computing for Problem Solving (SocProS 2023)” held at Indian Institute of Technology Roorkee, Roorkee, India during 11<sup>th</sup> -13<sup>th</sup> August 2023.
- Organize a two-days meeting of expert committee for DST-SERB projects through department of Mathematics, Department of Applied Mathematics, Gautam Buddha University, Greater Noida, 22<sup>nd</sup> & 23<sup>rd</sup> May 2023.

#### 7.5.4.5 Ongoing Projects

- **Title of the proposed project:** Study of extreme rain events and cloud bursts over the north Indian region emphasizing multi-scale interaction, atmospheric circulations, mechanisms, and precursors, DST-SERB, recommended May, 2023.



#### 7.5.4.3 Research and development: (Papers published in refereed journals): 06

- A Generalization to Ordinary Derivative and its Associated Integral with some Applications, Punjab University Journal of Mathematics, Volume 55, Issue 4, 2023, pages 135-148.
- Priyanka Ahuja, Amit Ujjayan, Dinkar Sharma, Hari Pratap Deformable Laplace transform and its applications," Nonlinear Engineering Modeling and Applications, vol 12, 2023.[<https://doi.org/10.1515/nleng-2022-0278> ISSN: 2192-8029(Print) INDEXING: Scopus.
- Dixit and A. Ujjayan, Wronskian- Theory and Existence results," Palestine Journal of Mathematics, vol. 12(1), pp. 414-420, 2023. [PUBLISHER: Palestine Polytechnic University ISSN: 2219-5688(Print) INDEXING: Scopus, UGC-Care (India) IF: NA]
- **Sushil Kumar**, Impact of different Land Use and Land Cover (LULC) in simulation of tropical cyclones over Bay of Bengal, **Earth Systems and Environment, July 2023, Springer Nature Switzerland.** (P.Johari, A Routray, S. Pattanayak, PVS Raju)
- **Sushil Kumar**, Performance of Land Surface Schemes on Simulation of Land falling Tropical Cyclones over Bay of Bengal using ARW model, Accepted 2023, **Mausam**, (P. Johari, S. Pattanayak, A. Rourtray).
- **Sushil Kumar**, An integrated fuzzy MCDM approach for manufacturing process improvement in MSMEs **January 2023, Annals of Operations Research**, (Song XU· Reena Nupur· Devika Kannan, Rashi Sharma, Pallavi sharma, P C Jha Chunguang Bai).DOI:10.1007/s10479-022-05093-5.

#### 7.5.4.4 Details of Books Published

- Dipti Singh, Vanita Garg, Kusum Deep, "Design and Applications of Nature Inspired Optimization: Contribution of Women Leaders in The Field" Women in Engineering and Science (WES) Book Series, Springer 2023.

### **7.5.5 Department of Food processing and Technology**

Department of Food Processing and Technology offers various undergraduate and postgraduate courses and doctoral research programme. All the courses have been designed to equip the students with the fundamental and applied knowledge so that after completion of the respective programme students may either choose higher studies or explore career options in diverse sectors of food industry. Regular interaction with industry experts and visits to industrial units/plants provide students an opportunity to understand the skillsets required for better career prospects.

#### **7.5.5.1 Academic Programme**

- B.Tech. (Food Processing and Technology- 4 Year)
- M.Tech. (Food Processing and Technology- 2 Year)
- M.Sc. (Food Science- 2 Year)
- Post Graduate Diploma in Food Science & Technology (FST) (1 Year)
- Post Graduate Diploma in Food Safety & Quality Management (FSQM) (1 Year)

#### **7.5.5.2 Laboratories functional**

- VP-104- Lab-I, Food Microbiology
- VP-105- Lab-II, Cereal and Bakery Technology
- VP-106- Lab-III, Food Quality and Control

#### **7.5.5.3 Conferences, Seminars, Workshops, Training Programmes, Invited talk, Expert lecture conducted**

##### **Expert lecture conducted on the occasion of World Food Day**

- Dr. J. P. Tandon, Former Director ICAR-VPKAS, Almora and IIWBR, Karnal, Assistant Director General (FFC), ICAR (Topic: Food Security and Environment Sustainability: Issues and Responses).
- Mr. Salil Srivastava, Business Head, Dairy Ambient Products, Modern Dairies Ltd., New Delhi
- Ms. Suman Sharma, Senior Manager- HR, VRS Foods Ltd. (Paras Dairy) New Delhi

#### **7.5.5.4 Research and Development: (Papers published in refereed journals)**

##### **Dr. Vinita Sharma**

- Vinita Sharma, Maninder Kaur, Kawaljit Singh Sandhu, Vikash Nain, &Sandeep Janghu. (2021). Physicochemical and Rheological Properties of Cross-Linked Litchi



Kernel Starch and Its Application in Development of Bio-Films. *Starch-Stärke*, 73(7-8), 2100049.

- Loveleen Sharma, Charanjiv Singh Saini, & Vinita Sharma, (2022). Effect of sesame protein and lotus starch based bioactive coatings with the incorporation of *Garcinia indica* extract on the shelf-life extension of sapodilla. *Journal of Postharvest Technology*, 9(4).
- Nita Kaushik, Aradhita Barmanray and Vinita Sharma, (2023). A review on recent advanced spoilage detection techniques for fruits and vegetables. *International Journal of Agriculture and Food Science*. 5(2):01-10. ISSN Print: 2664-844X.

#### **Dr. Vyakhaya**

- Vyakhaya and John David (2022). Process standardization of emulsifier gel and its effect on rheological, textural and baking properties of cake. *The pharma innovation journal*, 1, 759-762.

#### **Dr. Muneeb Ahmad Malik**

- Muneeb Ahmad Malik, Yasmeena Jan, Lamya Ahmed Al-Keridis, Afrozul Haq, Javed Ahmad, Mohd Adnan, Nawaf Alshammari, Syed Amir Ashraf, and Bibhu Prasad Panda (2022). Effect of vitamin-D-Enriched edible mushrooms on vitamin D status, bone health and expression of CYP2R1, CYP27B1 and VDR gene in Wistar rats. *Journal of Fungi*, 8(8), 864.
- Muneeb Ahmad Malik, Yasmeena Jan, Afrozul Haq, Jasmeet Kaur, and Bibhu Prasad Panda. (2022). Enhancement of vitamin D2 in edible mushroom using ultraviolet irradiation and assessing its storage and cooking stability. *Nutrition & Food Science*, 52(8), 1254-1269.
- Yasmeena Jan, Lamya Ahmed Al-Keridis, Muneeb Malik, Afrozul Haq, Sayeed Ahmad, Jasmeet Kaur, Mohd Adnan, Nawaf Alshammari, Syed Amir Ashraf, and Bibhu Prasad Panda (2022). Preparation, modelling, characterization and release profile of vitamin D3 nanoemulsion. *LWT*, 169, 113980.

#### **Yasmeena Jan,**

- Yasmeena Jan, Lamya Ahmed Al-Keridis, Muneeb Malik, Afrozul Haq, Sayeed ahmad, Jasmeet Kaur, Mohd Adnan, Nawaf Alshammari, Syed Amir Ashraf, and Bibhu Prasad Panda (2022). Preparation, modelling, characterization and release profile of vitamin D3 nanoemulsion. *LWT*, 169, 113980.
- Muneeb Ahmad Malik, Yasmeena Jan, Afrozul Haq, Jasmeet Kaur, and Bibhu Prasad Panda. (2022). Enhancement of vitamin D2 in edible mushroom using

ultraviolet irradiation and assessing its storage and cooking stability. *Nutrition & Food Science*, 52(8), 1254-1269.

#### **Dr. Kiran Lata**

- Krushna Chapke, Kamal Gandhi, Kiran Lata, Rajan Sharma, Bimlesh Mann, and Nishi Singh. (2022). Migration study of chemical additives from low density polyethylene (LDPE) into dahi. *Journal of Food Science and Technology*, 59(8), 3283-3295.

#### **World Food Day, 16-Oct-2022**



### **7.6 School of Humanities & Social Sciences**

The School of Humanities and Social Sciences is interdisciplinary in approach. It plays the pivotal role of exposing the students to an environment that is conducive to develop understanding of contemporary social issues through inter-relationship of science, technology and management. The school has a unique and distinctive role of hosting creative educational programme that focus on creating holistic understanding of complexities of life in social context with emphasis on Indian cultural values and Buddhist ethics. The academic programmes, designed in line with the best universities around the world, combine the best



practices of pedagogy and class room teaching, complemented by practical training and experiential learning. The school is equipped with the avant-garde facilities for the students and supported by state-of-the-art central library with large collections of books, journals, audio-visual aids and other learning materials.

### 7.6.1 Departments and Centers

1. Department of Economics Planning and Development
2. Department of Education and Training
3. Department of English and Modern European languages
4. Department of History and Civilization
5. Department of Mass Communication and Media Studies
6. Department of political Science and International Relations
7. Department of Psychology and Mental Health
8. Department of Sociology
9. Department of Social Work
10. Centre of Linguistics
11. Centre for Hindu studies
12. Dr. Ambedkar Centre for the Study of Human Rights
13. Dr. Martin Luther King Jr. Centre for the Study of Interfaith and Global Peace

### 7.6.2 Academic Programme and Admission detail

S. No.	Programme	Admission	
		B. A.	M. A.
1	B.Ed. (Bachelors of Education) 20+23	---	---
2	BA/BSc and MA/M.Sc. Applied Psychology	79	35
3	B.A and M.A. (Economics)	80	10
4	B.A. and M.A. (History)	60	5
5	B.A. and M.A. (English)	58	13
6	Bachelors and Masters in Social Work (BSW/MSW)	8	14
7	B.A and M. A. Honours (Hindi)	2	---
8	B. A. and M. A. (Urdu)	2	2
9	B.A and M. A. (Mass Communication)	57	15
10	M. Phil. (Clinical Psychology) 10+10	---	---
11	B. A. (Hons.)/ M. A. Political Science	71	27

### **7.6.3 Laboratories functional**

The Department has total 07 labs including 6 (psychology lab) and 01 media lab (in initial stage).

**7.6.4 Conferences Seminars Workshops, Training programmes, invited talk, Expert lecture conducted: 45**

**7.6.5 Research and development (papers published in refereed journals): 64**

**7.6.6 Ongoing Projects: 06**

**7.6.7 Award/recognition to faculty members: 01**

### **7.6.8 Department of Psychology**

#### **Days celebrated for mental health awareness**

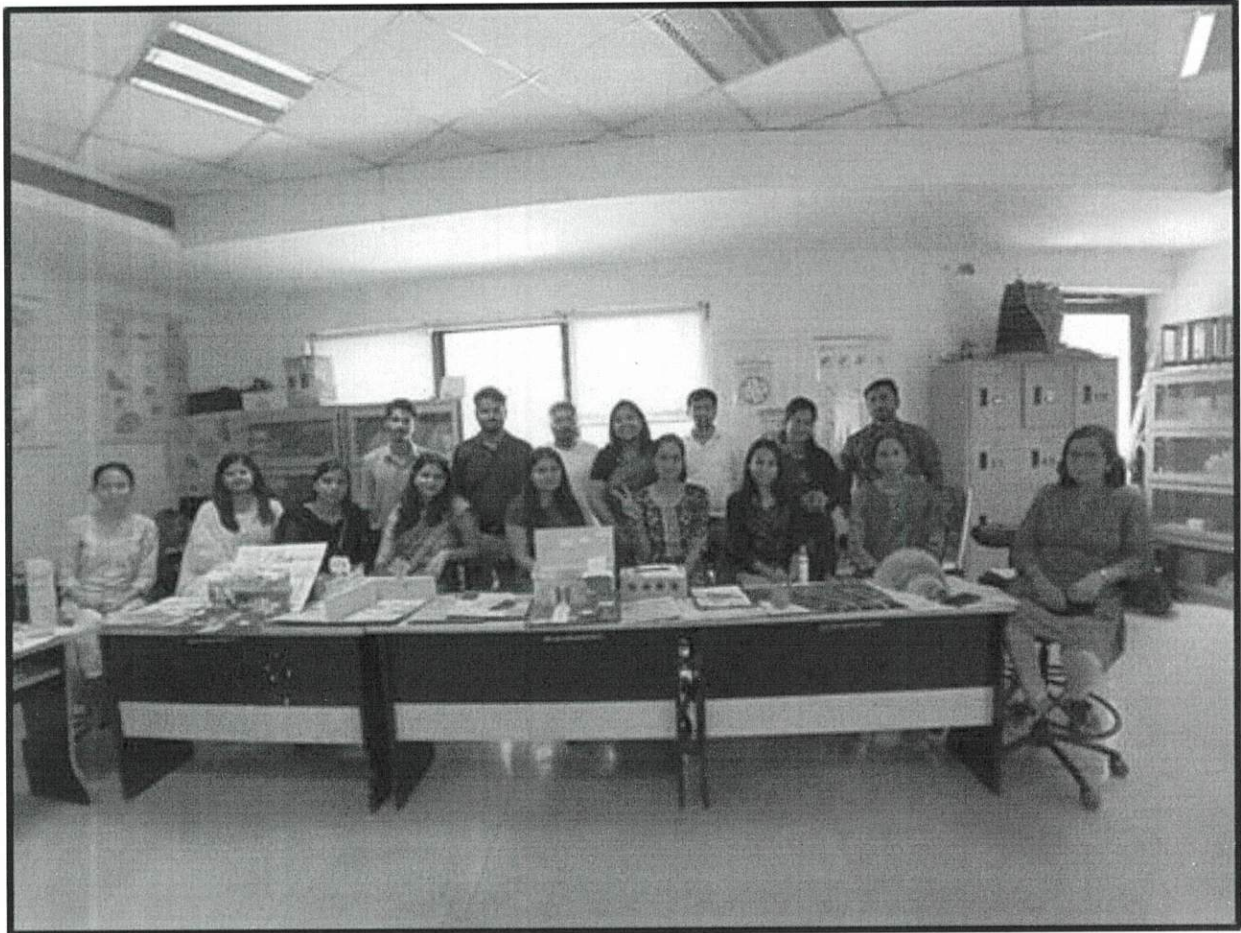
1. Down Syndrome Day 21 amp; 2023
2. Hellen Keller Day 27 June 2023
3. Educational Trip, Dehradun 3 July 2023
4. Community Mental Health Camp on World Autism Day at Dankaur Block, 2 April 2022 & amp; 23
5. Schools visit for mental health awareness, most recent:
6. GRAD International School May 2023
7. Jaypee Public School Dec 2022

### **7.6.9 Department of Education**

1. Invited by National Council of Educational Research and Training for National Awards for Innovative Practices and Experiments in Education for Schools and Teacher Education Institutions 2022-23 for evaluation of project proposals on 21st & 22nd September 2022.
2. Invited by Devi Ahliya Vishwavidyalaya, Indore as an Resource Person to deliver a talk on "Research and Publication Ethics" during 3rd Refresher Course in Teacher Educators and NEP 2020 of UGC- Human Resource Development Centre on 15th September 2022.
3. Invited by Devi Ahliya Vishwavidyalaya, Indore as an Resource Person to deliver a talk on "Skill Based Education, Life Skills and Holistic Development" during 3rd Refresher Course in Teacher Educators and NEP 2020 of UGC- Human Resource Development Centre on 16th September 2022.



4. Invited by North East Regional Institute of Education (National Council of Educational Research and Training) as Resource Person to finalize the tool for Implementing Intervention at Elementary School Stage: A Block Level Research Project in Bhoirymbong Block on 5th & 6th September 2022.
5. Invited as Special Guest by Mangalmay Institute of Management & Technology for Orientation Programme of B.A.B.Ed. on 4th September 2022.
6. Invited as Resource Person on "Personal Emotional Development" in Faculty Induction Programme held on 1st September 2022 organized by UGC- HRDC Pondicherry University held from 18th August to 16th August 2022.
7. Invited as Resource Person on "Counselling Approaches" in Faculty Induction Programme held on 1st September 2022 organized by UGC-HRDC Pondicherry University held from 18th August to 16th August 2022.
8. Invited for invited talk on "NEP 2020: Challenges and Opportunities" by Modern College of Law, Ghaziabad, UP on 27th August 2022.
9. Invited as Resource Person on "Emotional Intelligence and Wellbeing" in Faculty Development Programme held on 17th August 2022 organized by Dept. of Psychology and Dept. of Sociology, Punjab University, Chandigarh.
10. Invited as Guest Speaker on "Data Collection & Analysis in Multi- Disciplinary Research" organized by K.R Mangalam University in collaboration with Kasturba Institute of Psychology & Behavioural Medicine on 31st July 2022 during Online FDP held from 28th July 2022 to 3rd August 2022.
11. Invited as Keynote Speaker and Innovative Talk-Cum-Presentation on "NEP 2020: Innovative Teaching Approaches" in the International Workshop on "National Education Policy (NEP) 2020: Innovative Teaching Approaches" organized by the Vidya Bharati Uchcha Siksha Sansthan, Vidharbh Region, Maharastra in collaboration with Internal Quality Assurance Cell (IQAC), North- Eastern Hill University (NEHU), Shilong, Meghalaya, Indian and SVU Computer.





## MEDIA VISIT



### **7.6.10 The Department of Economics, Planning & Development**

The Department of Economics, Planning & Development was established in 2011 and recorded consistent improvement in its academic, research and placement performance. It offers BA (Hons.) and MA -Economics innovatively designed programs whose curricula content are constantly updated to meet the changing requirement of the industry and to meet the needs of major stakeholders. During study at the department, the students are encouraged to get hands-on experience in the industry through internship projects with reputed organizations. In their curriculum, they are encouraged to take up mini projects



to supplement theoretical knowledge with practical experience. They also undertake projects benefiting local industries or dealing with local problems. These projects enable them to understand the relevance of working in a group and also help them to realize the finer aspects and importance of teamwork.

### **About The Department**

- The Department of Economics, Planning and Development was established in 2011 and Department offering two programmes namely- M.A in Economics, Planning and Development and B.A. (Hons.) Economics. M.A in Economics is a two-year programme divided into four semesters. The Department started in the year 2011 and the M.A programme is designed according to CBCS (Choice Based Credit System). Thus, the students have the opportunity to choose two discipline specific elective courses in their preceding semester from the 2015 batch onwards. B.A (Hons.) Economics is a three year programme divided into six semesters. The programme started in the year 2019 and now having its second, third and fourth batch continuing in the department. The programme is designed according to the CBCS in 2019 and planning to switch to NEP in the coming session.

#### **7.6.10.1 Conference, Seminar, Workshop, Training, Expert Lecture, Invited Talk Activities and Achievements of the Department**

- **National Conference:** Indian Economy: Achievements, Prospects and Challenges on 17/03/23.
- Department of Economics, Planning and Development, Gautam Buddha University, Greater Noida, Uttar Pradesh, India organized the one day National Conference on Indian Economy: Achievements, Prospects and Challenges. The program started at 10:00 am with the welcome address by Dr. Ombir Singh, Convener of the conference and Head of the Department. He highlighted the vision of the department and gave an insight of theme of the conference in a lucid manner for the understanding of the audience. Chief guest, Prof. Shakti Kumar, Professor, Centre for Economic Studies and Planning, School of Social Sciences, Jawaharlal Nehru University, New Delhi was the dignitary invited for the conference. The presence of dignitaries, an impressive lineup of scholars from all over India, an array of carefully selected, well-researched and well-presented papers on the subject, all came together to help the organizing committee to admirably conclude this huge endeavor. The Hon'ble Chief Guest Prof. Shakti Kumar, Professor, Centre for Economic Studies and Planning, School of Social Sciences, Jawaharlal Nehru University, New Delhi inaugurated the conference with Prof. (Dr.) R. K. Sinha, Hon'ble Vice Chancellor, Gautam Buddha



University, Greater Noida, U.P., Prof. Bandana Pandey, Dean, School of Humanities and Social Sciences, Gautam Buddha University, Greater Noida, U.P., Dr. Neeti Rana, Dean, School of Management and Dr. Ombir Singh, Conference Convener and Head, Department of Economics, Planning and Development, Gautam Buddha University, Greater Noida, U.P. Prof. (Dr.) R. K. Sinha, Hon'ble Vice Chancellor, Gautam Buddha University, addressed the delegates. He congratulated the team for organizing the National conference and giving a platform to learn and exchange information. Prof. Bandana Pandey, Dean, School of Humanities and Social Sciences, Gautam Buddha University motivated the gathering with her very influential speech about India and G20. India has assumed the Presidency of the G20, which is a key global forum of major economies of the world for discussing and addressing critical challenges being faced by the international community. The Honorable Chief guest Prof. Shakti Kumar, Professor, Centre for Economic Studies and Planning, School of Social Sciences, Jawaharlal Nehru University, New Delhi welcomed all the delegates. He gave an insight of Foreign Exchange Market of India. He answered a few thought-provoking questions like Is India financially sustainable and moving towards private central bank? He concluded the lecture by stating that in order to make India financially sustainable in coming years, we need to work together to raise household consumption.

#### **7.6.10.2 Research & Development- (Paper Published)**

- Presented a paper entitled "Rural & Urban Poverty in India: A Comparative Study" in 17th National Conference in University of Allahabad, U.P, Dec. 4-5, 2022.
- Presented a paper entitled "Role & Effect of KCC on Indian Farmers" in the National Conference in Gautam Buddha University, Greater Noida, March 17th -18th 2023.
- Presented a paper entitled "Seaweed Industry: An Opportunity for Indian Economy" in the National Conference UPUEA in Doon University, April 23rd-25th 2023.
- Participated as Resource Person in 17th National Conference UPUEA in Sharda University, Greater Noida, April 22nd to 23rd th 2022.
- Participated in a one week online National Workshop on Applications of Machine Learning in Social Science Research' organised by Guru Ghasidas University, which is going to be conducted from February 21, 2023 to February 25, 2023.
- Published a book entitled "Uttar Pradesh Power Sector Reforms: An Overview" with ISBN:978-93-91771-58-4 (Dec. Edition 2022), Crescent Publishing Cooperation, New Delhi 2022.

- Indian Economy: Achievements, Prospects & Challenges (Edited Book-as Co-editor), Bharti Publication, New Delhi, ISBN 978-81-19079-42-1.

#### 7.6.10.3 Award/Recognition to Faculty Members

Received Academic Excellence award by Research Education Solutions (MSMEs, GOI) in association with IIPM in the International Conference on Sustainable Development Practices in Agricultural, IT, Management & Social Sciences, 22<sup>nd</sup> April 2023 (Earth Day 2023).

#### 7.6.10.3 Department Faculty Profile

S. No.	PROFILE
1	Dr. Ombir Singh Head of the Department M.B.A., M.A., Ph.D. & NET in Economics Area of Specialization: General Economic Theories, Economic Development & Managerial Economics
2	Dr. Roopali Srivastava Programme Coordinator M.A., D.Phil. in Economics Area of Specialization: Micro Economics, Macro Economics, Public Finance, Indian Economy, and Industrial Economics

#### 7.6.11 Department of English & Modern European Languages

The Department of English and Modern European Languages with its two major points of focus: English Literature and Communicative English, strives to train students in literature, language and literary and professional writings. The Department opens to you a world of vibrant thought, rich experience, and immense opportunity designed to inspire you to explore your interests and accomplish your dreams.

##### 7.6.11.1 Programmes offered in the Department

- B.A. (Hons) in English (60 seats)
- M.A. in English (20 seats)
- PhD in English
- Post-Graduate Diploma in English Language Teaching (30 seats)
- Post-Graduate Diploma in Creative Writing (30 seats)



## 7.6.11.2 RDCs held in the session 2022-23

S. No.	Date	Roll/Reg. No.	Candidate	Approved Title	Supervisor
1	Feb 28, 2023	19/DENG/001	Saleha Nizam	Diasporic Sensibilities in SAARC Literature: A Post-Colonial Reading of the Select Works of Khaled Hosseini, Kamila Shamsie and Bharati Mukherjee	Dr. Sumitra Huidrom
2	Feb 28, 2023	20/DENG/004	Neha Tehlan	Psychological horror and Female Representation in the Select Works of Shirley Jackson: A Psychoanalytical Approach	Dr. Sumitra Huidrom
3	Feb 28, 2023	20/DENG/002	Mamta Kumari	Gendered Discourse and Stereotypes in Indian Digital Sphere: A Study of Indian Cinema and Web Series on OTT	Dr. Om Prakash
4	Feb 28, 2023	214/DEN/001	Manipabha	Linguistic Equity, School Education and New Education Programme in Myanmar: A Descriptive Study	Dr. Om Prakash

## 7.6.11.3 Achievements/Awards/Accomplishments of the Faculty Members

Faculty Name	Publications in journals/Book chapters/others	Participation in Conferences/Seminars/Workshops/others
Dr. Sumitra Huidrom	<p>1." Exploring Comics as a Literary Genre....." ISSN: 2395-2628(Print) &amp; 2349-9459(online) vol. 9 &amp; issue -4 (Oct-Dec), 2022, pub. in IJELR along with Suvarna Jha</p> <p>2. "Diasporic Sensibilities in SAARC Literature: A Note on Multiculturalism...." ISSN: 0976-8165, vol. 13 &amp; issue IV (December) 2022 pub. in The Criterion: The International Journal in English along with Saleha Nizam.</p> <p>3. "Re-Reading Male Images of Women in The Mahabharata and Bhabani Bhattacharya's Music for Mohini" ISSN: 2395-2628(Print) &amp; 2349-9459(online), vol. 13 &amp; issue 2(April-June), 2023, pub. in IJELR along with Nayanika Sharma.</p>	<p>1. Presented the research paper "Shirley Jackson and Psychological Horror in the Haunting of Hill House and We have always lived in the Castle at English Literature Summit , 2023, virtual International Conference , June 24-25</p>
Dr. Bipasha Som	<p>1.Postcolonial assertion of identity: The case of Indian Literature and its 'other'. International Research Journal of English. ISSN :2456-2696 vol. 7 Issue 4 November 2022.</p> <p>2.Collection of Short Story in Bengali titled Drishtikon published by Book</p>	<p>1. Voices and Identity: Nationalism and Feminism through the prism of Indian literature. International conference on Emerging trends and challenges in English Literature. Post Graduate Dept of English. Sri Guru Teg bahadur</p>

	Readers Publishers, Kolkata. February 2022. ISBN 978-81-950634-5-1.	<p>Khalsa College. Anandpursahib. April 22, 2022.</p> <ol style="list-style-type: none"> <li>2. Vision of Tiresias: Desire and disability in The Waste Land. International Conference on One Hundred Years of T.S. Eliot's The Waste Land to be held at the International Centre Goa, 23-25 September 2022.</li> <li>3. Language and Nationality: A Case Study of India and Indian Literature. Internal conference on Linguistic Equity, Inclusivity and Directions of National Education Policy at Gautam Buddha University. 29th to 30th April 2023</li> <li>4. Attended the Swaminathan Lecture on The Philosophy of Literature on 15 th March 2022 by Prof. Dhananjay Singh organised by Department of English Dr. Harisingh Gaur University, Madhya Pradesh.</li> <li>5. Attended 5 day screen writing workshop organised by Whistling Wood International, Mumbai in association with Screen Writers Association 13 th to 17 th April 2022.</li> <li>6. Attended webinar on NAAC related quality Enhancement Techniques organized by Sri Guru Teg bahadur Khalsa College, Punjab on August 30, 2022.</li> </ol>
Dr. Manjri Suman	1. Paper titled "OTT ke daur me stree ka chitran aur bhasha k badaltepaimane" published in an online magazine Streekal in June, 2023.	<ol style="list-style-type: none"> <li>1. Presented a paper titled "Significance of Mother Tongue Education with Reference to NEP 2020" at the Conference on Equity, Inclusivity and Directions of National Education Policy, 2020 organized by Centre of Linguistics and Culture Studies, Gautam Buddha University in collaboration with Central Institute of Indian Languages, Mysore, Department of Higher Education, Ministry of Education, Government of India on 29<sup>th</sup> and 30<sup>th</sup> April, 2023.</li> <li>2. Presented a paper titled "The Impact of Rising Trends of Patriotic Fervor in Indian Cinema" in the International Conference organized by Mass Communication and</li> </ol>



		Media Studies, Gautam Buddha University in collaboration with SAARC Journalist Forum on 10 <sup>th</sup> and 11 <sup>th</sup> January, 2023. 3. Participated in the One-day National Webinar on Transformation of HEIs into Multidisciplinary Institutions organized by North Eastern Hill University, Shillong on 5 <sup>th</sup> July, 2023.
Dr, Riya Raj	1. An article titled 'Hindi film nirmaan mein stri aur gender samaanta ki baatein' published in Streekal, Vol 37, 2023.	1. Participated in the UGC sponsored Refresher Course in Linguistics from 25 <sup>th</sup> May 2022 to 7 <sup>th</sup> June 2022 organised by HRDC, NEHU in online mode. 2. Successfully completed the Weeklong Online Faculty Development Program on 'New Trends in English Studies' organised by Teaching Learning Centre, Tezpur University in association with Department of English, Tezpur University during 17-21 January, 2022. 3. Presented a paper titled 'Finding Linguistic Equity through Multilingualism in NEP 2020' in Two Days' Conference on Linguistic Equity, Inclusivity, and Directions of National Education Policy 2020 held on 29 <sup>th</sup> -30 <sup>th</sup> April 2023, at Gautam Buddha University.

#### 7.6.11.4 Conference/Seminars/Workshops/MDPs/FDPs conducted

- Workshop on Research Methodology, 26<sup>th</sup> May 2022, 27<sup>th</sup> May, 2022.
- One Day Seminar-cum-Workshop on "Creative Writing in the Literary Realm", April 24, 2023.

#### 7.6.11.5 Extra-Curricular Activities session 2022-2023:

- Orientation Programme for the new students of the batch 2022-2025, held on May 28, 2023.
- Jashn-e-Literature—a cultural-cum-literary event, March 3, 2023.



#### 7.6.11.6 Students' Achievements in the session 2022-2023

- Anjali Rajput (20PENG004) of the 2020-2022 batch qualified the UGC-NET for eligibility for Assistant Professor held on 01-03-2023 in the subject English.







#### 7.6.12 Department of Indian Languages & Literature

गौतम बुद्ध विश्वविद्यालय में भारतीय भाषा एवं साहित्य विभाग की स्थापना 2011 में हुई. वर्तमान में भारतीय भाषा एवं साहित्य विभाग स्नातक हिंदी(ऑनर्स) और स्नातकोत्तर पाठ्यक्रम संचालित कर रहा है. इन दोनों ही पाठ्यक्रमों के स्वरूप निर्धारण में इस बात का ध्यान रखा गया है कि साहित्य के मूलभूत आधारों सहित बदलते साहित्यिक एवं सामाजिक बिन्दुओं को भी इसमें शामिल किया जा सके ताकि छात्रों में साहित्य की समावेशी समझदारी का विकास हो सके. चूँकि भाषा एवं साहित्य का विस्तार जीवन के विविध क्षेत्रों तक है लिहाज़ा लोक से होते हुए शास्त्र तक की समझ छात्रों के लिए ज़रूरी हो जाती है. इसके साथ ही अलग अलग समय में साहित्य के क्षेत्र में उभरते विमर्शों की समझ और उसके आधार पर साहित्य की परख के प्रश्न भी उतने ही महत्वपूर्ण हो जाते हैं. अतः यह विभाग साहित्य की समझ एवं परख को उभारने के साथ साथ छात्रों के व्यक्तित्व को भी सफलतापूर्वक निखारने का प्रयास करता है।

गौतम बुद्ध विश्वविद्यालय का भारतीय भाषा एवं साहित्य विभाग अपने पाठ्यक्रमों में शामिल अनुवाद: सिद्धांत एवं अनुप्रयोग, प्रवासी साहित्य, सिनेमा और साहित्य, पत्रकारिता एवं जनसंचार, विचारधारा एवं साहित्य, प्रयोजन मूलक हिंदी सहित अस्मिता विमर्श जैसे तमाम कोर्सेज़ के द्वारा छात्रों में साहित्य की समझदारी के साथ साथ उनमें कौशल संवर्धन का भी प्रयास कर रहा है. स्नातकोत्तर स्तर पर लघु शोध प्रबंध जैसे कोर्सेज़ छात्रों में शोध की आधारभूत समझ का विकास करते हैं. समय समय पर विभाग में

विशेष व्याख्यान और एजुकेशनल ट्रिप का आयोजन किया जाता है जिससे छात्र हमारे समय के साहित्यकारों से मुखातिब हो सकें और उनमें तार्किक सोच के साथ साहित्यिक समझ का भी संवर्धन हो सके ।

#### 7.6.12.1 पाठ्यक्रम विवरण-

क्रम संख्या	पाठ्यक्रम	सीटों की संख्या	योग्यता/पात्रता की शर्तें	पाठ्यक्रम की अवधि	चयन का तरीका
1.	स्नातक हिंदी(ऑनर्स)	30	किसी भी विषय में 45 प्रतिशत अंकों अथवा समान ग्रेड के साथ (SC/ST के लिए 40 प्रतिशत अंक ) 10+2	3 वर्ष	मेरिट के आधार पर सीधा प्रवेश अथवा GBU द्वारा निर्धारित किये गये मानदंड के अनुसार प्रवेश
2.	स्नातकोत्तर	30	किसी भी विषय में 45 प्रतिशत अंकों अथवा समान ग्रेड(SC/ST के लिए 40 प्रतिशत अंक ) के साथ स्नातक	2 वर्ष	मेरिट के आधार पर सीधा प्रवेश अथवा GBU द्वारा निर्धारित किये गये मानदंड के अनुसार प्रवेश

#### 7.6.12.2 Conference, Seminar, Workshop, Training, Expert Lecture, Invited Talk

**Dr. Vibhavri**

**Spatial / Invited Talk**

Title	Venue	Level	Date	Duration
Cinema, Stree aur Hamara Samaaj	Aaroh Theatre, Patna, Sankalp Sanskritik Sanstha Ballia and Vinamrata Foundation (Sanskriti Bhavan Ara, Bihar.)	National	19 Dec., 2022	30 mins
Gender Perspective of Film 'Mrinaal ki Chitthi' and story 'Streer Patra'	Azim Premji Foundation, Utham Singh Nagar, Uttarakhand (Dineshpur, USN)	National	4th March 2023	2-3 Hours

- Moderated an online talk on 'Raajneeti, Cinema Aur Stree: 'Maharaani-2' series on 3rd September 2022 on Streekaal.
- Attended special screening of the film 'Jahan Chaar Yaar' on 18th September at PVR Chanakyapuri, New Delhi.
- Moderated a talk on the novel 'Sukhi Ghar Society' on 30th September 2022.
- organised by Kastoori cultural group at Kunzum Books, Greater Kailash, New Delhi.



- Moderated an online talk on 'Qala: Kala, Cinema, Stree Aur Manovigyaan' on 24th December 2022 on Streekaal.

#### **Dr. Renu Yadav**

##### **Special / Invited Lecture Delivered**

- **'Anterraashtriy Star Par Hindi Ki Udaan'** in workshop, Organized by National Handloom Development Corporation Limited (A Government of India Undertaking, Ministry of Textiles). 28<sup>th</sup> March. 2022.

##### **Participated in Other Programs**

- Online Kavya-Path in the 'Yuva Kavyitri Path' Organized by Stree-Darpan, India. 01 January, 2023.
- Online Kavya-Path in the 'Aagaz-A-Suqhan - 102' Organized by Parivartan Sahityik Manch, India. 03 July. 2022.
- Online Kavya-Path in the 'Aagaz-A-Suqhan' Organized by Parivartan Sahityik Manch, India. 03 Feb. 2022.

#### **7.6.12.3 Research & Development- (Book / Chapter / Paper Published / Creative Writing)**

#### **Dr. Diwakar Garwa**

##### **Chapter in book**

- Book Name - Research Analysis and Evaluation. First Writer - Dr. Diwakar Garwa, Co-writer - Ms. Sangeeta Devi, Issue: Sept-2022, Impact Factor - 6.376 (SJIF), Vol- I, Issue-09, ISSN - 2320-5482, **Editor's office:** A-215, Moti Nagar, Street no- 07, Queens Road, Jaipur, (Raj.) 302021
- **Paper Name: Varg Sangharsh Aur Nagarjun ka Upanyas Sahitya.** First Writer- Dr. Diwakar Garwa, Co-writer - Ms. Sangeeta Devi, Book Name - International Research and Review, Issue: Sept-2022, Impact Factor - 6.176, Vol- I, ISSN – 22502556, **Published by:** Captain Netram Singh Charitable Trust.

#### **Dr. Vibhavari**

##### **Magazine Editing**

- स्त्रीकाल पत्रिका का सिनेमा विशेषांक (सिनेमा का स्त्रीवादी पक्ष), Sole Editor, The marginalized Publication, Aara Garden Road, Patna, Bihar, June, 2023, ISSN: 2249-4146.

### Chapter in Book

- बातें अब किससे साझा होंगी': सम्पादक अजय ब्रह्मात्मज (किताब- इरफ़ानियत), Sole Author, सरस्वती बुक्स, जगतपुरी एक्सटेंशन, नई दिल्ली, ISBN 978-93-92142-02-4.

### Dr. Renu Yadav

#### Books Published

- "Kala Sona" (Kahaani Sangrah). Pratham, 2022. Sihore: Shivna Prakashan. ISBN: 978-93-90593-73-6.
- "Kathaaon Ke Alok Mein Sudha Om Dhingra". Pratham, 2023. Sihor: Shivna Prakashan. ISBN: 978-81-19018-04-8.

#### Published special issue of the magazine on me

- "Abhinav Imroz" (Dr. Renu Yadav Visheshank). Varsh : 11, Ank : 08, Aug, 2022. B 3/3223, Vasant Kunj, New Delhi – 70. ISBN: 2321-1105.
- "Sahitya Nandini"(Dr. Renu Yadav Visheshank). Varsh : 04, Ank : 08, Aug, 2022. B 3/3223, Vasant Kunj, New Delhi – 70. RNI No. DELHIN/2017/74713/19-02-18.

### Chapter in Book

- "Pravaasi Kavitaon Ka Bhav-Bodh" in Tejendra Sharama & Dr. M. Firoz Khan (ed.), "Pravasi-Sahitya", P.-P. 128-135. Pratham: 2022. ISBN: 978-93-90688-96-8. Kanpur, Vikas Prakashan.
- "Yug Se Samvaad Hai Yah Upanyaas" in Sudha Om Dhingra (ed.), "Vimarsh – Jinhen Jurm-A-Ishq Pe Naaz Tha", P.-P. 178-181. Pratham: 2022. ISBN: 978-93-90593-81-1. Sihor, Sivna Prakashan.

#### 7.6.12.4 List of Papers & Research Papers Published

- "Hindi-Sahitya Mein Stree-Sashaktikaran Ke Swar" in Smt. Shashi Purvar & Dr. Aanad Suman Singh (ed.), "Saraswati Suman", P.-P.-102-108, Varsh-20, Ank 95, June 2022. 1-Chhibbar Marg, Arya Nagar, Dehradun.
- "Samvednaon Ke Paaraavaar Mein Bahti Vriddh Kathayen" in Dr. M. Firoz Ahamad (ed.), "Vangmaya", P.-P.-148-152, Varsh-18, Sanyuktaank, Oct 2021-March 2022, ISSN : 0975-8321. Aligarh, 205- phase-1, Civil Line. (Peer Reviewed Journal, Impact Factor- 5.125).
- "Tornado Mein kishor Baalika ka Manovishleshan" in Pankaj Subeer, "Shivna Sahityiki", P.-P. 67-68. Varsh-7, Ank-25, April-June, 2022. ISSN: 2455-9717.



Shivna Prakashan, PC Lab, Shop No. 2-7, Sihore, MP. (UGC Approved Journal – UGC Care Review).

- “Sudha Om Dhingra Ki Kahaniyon Mein Asamanya Manovigyaan” in Pankaj Subeer, “Shivna Sahityiki”, P.-P. 79-80. Varsh-7, Ank-24, Jan-March. 2022. ISSN: 2455-9717. Shivna Prakashan, PC Lab, Shop No. 2-7, Sihore, MP. (UGC Approved Journal – UGC Care Review)

#### **7.6.12.5 List of poems & prose writing Published**

##### **Stories**

- “Ba-Ijjat Bari” (Story) in Sudha Om Dhingra (ed.), “Vibhom-Swar”, P.-P. – 21-27. Varsh – 7, Ank – 28, Jan.-March. 2023. ISSN : 2455-9814. P.C. Lab, Shop No. 3-4-5-6, Sihor (MP).
- “Khukhdi” in Dr. Omkarnath Dwivedi (ed.), “Abhideshak”, P.-P.-102-106, Dec.-May, 2021, Varsh-03, Ank -11-12, Code : UPHIN2020/79451. Shivam Enterprises, Civil Lines, Sultanpur- 01.

##### **Prose Writing**

- Regular Colum ‘Pustak Ke Bahaane’ in ‘Sahitya Nandinee’. Devendra Kumar Bahal (ed.), Since September, 2019.
- “Nayi Shilp-Shaili Ki Sugbugaahat : Siyol Se Saryu” (Book Review) in Naredra Pundarik (ed.), “Mati”, P.-P. 102-106. Ank : 19, 2023. ISSN: 2320-3022. D.M.Coloni, Civil Line, Banda, UP.
- “Sitaaron Mein Suraakh Karti Banduk Rakhne ka Adhikar” (Book Review- Sitaaron Mein Surakh) in Dr. Ashish Kandhwe (ed.), “Gagnanchal”, P.-P. 184-185. Varsh 44-45, Nav 2021-Feb 2022. ISSN: 0971-1430. ICCR, Delhi.

##### **Poetries**

- “Bajat Aur Roti”, “Vasant Panchmi Ke Din Paanch Bachchon Ki Maa” (Kavitaayen) in Sudha Om Dhingra (ed.), “Vibham Swar” (ed), P. 62, Varsh 7, Ank 26, July-Sept. 2022. ISSN: 2455-9814. PC Lab, Shop no 27, Sihor.
- “Gumnaam”, “Dhagaa”, “Mujhe Chand Mat Kaho”, “Raste Par Prasav”, & “Tadfadaate Hriday Ke Pavon Mein Fafale” (Kavitaayen) in Pavan Jain’ (ed.), “Vagishvari” (Edi.book), P.-P. 126-132. Pratham: 2022. ISBN: 978-93- 905391-61. Sanmati Publishers & Distributors, Hapud.

## 7.6.12.6 Department Faculty Profile

विभाग के शिक्षकों का परिचय-	
<p>नाम- डॉ. दिवाकर गरवा, पद- सहायक आचार्य</p>	<ul style="list-style-type: none"> <li>• शिक्षा- एम.ए. 1998, एम. डी. एस विश्वविद्यालय, अजमेर राजस्थान, पीएच. डी. 2003, राजस्थान वि.वि. जयपुर राजस्थान, (शोध-प्रबंध का विषय- शेखावटी की लोकगाथाएं: एक विवेचन) नेट- यू. जी. सी. 2005</li> <li>• संस्कृति मंत्रालय, भारत सरकार के द्वारा दो वर्ष के लिए जूनियर रीसर्च फेलोशिप (2000 से 2002 तक)</li> <li>• दूरदर्शन और आकाशवाणी पर भेंटवार्तायें व नाटक प्रसारित</li> <li>• रंगमंच पर अभिनय व निर्देशन का अनुभव</li> <li>• पुस्तकों में अध्याय प्रकाशित</li> <li>• राष्ट्रीय व अंतर्राष्ट्रीय पत्रिकाओं में अनेक शोध-पत्र प्रकाशित</li> <li>• राष्ट्रीय व अंतर्राष्ट्रीय संगोष्ठियों में पत्र- वाचन</li> <li>• विषय-विशेषज्ञता- आदि एवं मध्यकालीन काव्य व लोक-साहित्य</li> </ul>
<p>नाम –डॉ. रेनूयादव जन्मतिथि एवं जन्मस्थान – 05 फरवरी, 1984. गोरखपुर पद –असिस्टेंट प्रोफेसर संप्रति –भारतीय भाषा एवं साहित्य विभाग (हिन्दी), गौतम बुद्ध विश्वविद्यालय, ग्रेटर नोएडा ई-मेल – renuyadav0584@gmail l.com, renu@gbu.ac.in ब्लॉग – www.renukamal.blogs pot.com</p>	<p>शिक्षा – एम.ए., एम.फिल., पीएच.डी., यू.जी.सी.-नेट रचनाएँ –</p> <ul style="list-style-type: none"> <li>• 'काला सोना' (कहानी-संग्रह), 2022</li> <li>• 'महादेवी वर्मा के काव्य में वेदना का मनोविश्लेषण' (आलोचनात्मक पुस्तक), 2010,</li> <li>• कथाओं के आलोक में : सुधा ओम ढींगरा (आलोचनात्मक पुस्तक) 2023.</li> <li>• 'मैं मुक्त हूँ' (काव्य-संग्रह), 2013</li> <li>• साक्षात्कारों के आईने में – सुधा ओम ढींगरा (संपादित पुस्तक), 2020</li> <li>• स्तम्भ – मासिक पत्रिका साहित्य नंदिनी में 'चर्चा के बहाने' स्तम्भ (कॉलम) प्रकाशित होता है तथा इससे पहले कैनेडा से निकलने वाली पत्रिका हिन्दी चेतना में 'ओरियानी के नीचे' नामक स्तम्भ प्रकाशित होता था ।</li> <li>• स्त्री-विमर्श पर केन्द्रित कहानियाँ, कविताएँ एवं शोध-आलेख आदि विभिन्न पत्र-पत्रिकाओं में प्रकाशित ।</li> </ul> <p>सम्मान / पुरस्कार –</p> <ul style="list-style-type: none"> <li>• 'सृजन श्री' सम्मान सृजन-सम्मान बहुआयामी सांस्कृतिक संस्था एवं प्रमोद वर्मा स्मृति संस्थान, रायपुर (छत्तीसगढ़) द्वारा प्राप्त । फरवरी, 2013 ।</li> </ul>



	<ul style="list-style-type: none"> <li>• 'विरांगना सावित्रीबाई फूले नेशनल फेलोशिप अवार्ड – 2012' भारतीय दलित साहित्य अकादमी, दिल्ली द्वारा प्राप्त । दिसम्बर, 2012 ।</li> </ul>
नाम- डॉ. विभावरी, पद- असिस्टेंट प्रोफेसर	<ul style="list-style-type: none"> <li>• शिक्षा- एम. ए., 2002, इलाहाबाद वि.वि., इलाहाबाद, एम. फिल., 2006 (विषय- 'स्त्री विमर्श के विविध आयाम: 'डार से बिछुड़ी' और 'सुन्नर पांडे की पतोह' के विशेष सन्दर्भ में), जवाहरलाल नेहरू वि.वि., नई दिल्ली, पीएच.डी. 2011 (विषय- 'हिंदी साहित्य और सिनेमा के मध्य स्त्री दृष्टि का अंतर') जवाहरलाल नेहरू वि.वि. नई दिल्ली, नेट- यू.जी.सी. जून 2005,</li> <li>• FTII से 41वें फिल्म अप्रिंशिएशन कोर्स में सहभागिता.</li> <li>• विभिन्न राष्ट्रीय एवं अंतर्राष्ट्रीय संगोष्ठियों, वेबिनार में शोध-पत्र वाचन एवं बतौर वक्ता शामिल.</li> <li>• 'नया जानोदय', 'कथन', 'बयान', 'आजकल' और 'रचना समय' जैसी विभिन्न पत्रिकाओं, 'मोहल्ला लाइव', 'चवन्नी चैप', 'जानकीपुल', 'असुविधा', और 'काफल ट्री' जैसे अनेक ब्लॉग्स और 'BBC हिंदी' व 'जनसत्ता' जैसे वेब पोर्टल में स्त्री और सिनेमा व साहित्य से संबंधित आलेख व शोध-आलेख प्रकाशित.</li> <li>• 'सिनेमा और भूमंडलीकरण', 'बेदाद-ए-इश्क, रुदाद-ए-शादी', 'उपन्यास का वर्तमान', 'आज के सवाल श्रृंखला: कृषि संकट', 'इरफ़ान: कुछ पन्ने कोरे रह गए', कितनी गिरहें खोली हैं मैंने जैसी संपादित पुस्तकों के लिए शोध-पत्र लेखन.</li> <li>• '...और मैंने चुना काफिर हो जाना' -पिक्चर पोएट्री की ऑनलाइन किताब NotNul से 2022 में प्रकाशित.</li> <li>• स्त्रीकाल के सिनेमा अंक का सम्पादन- अप्रैल 2023.</li> <li>• विषय-विशेषज्ञता- स्त्री-विमर्श, जेंडर, सिनेमा और साहित्य का अन्तःसम्बन्ध.</li> </ul>

#### अन्य संकायों और विभागों से आने वाले प्राध्यापक:

डॉ. प्रियंका सिंह सहायक प्राध्यापिका	<p>डॉ. प्रियंका सिंह गौतम बुद्ध विश्वविद्यालय के मानविकी और सामाजिक विज्ञान संकाय और न्याय विधि एवं शासन संकाय में हिंदी भाषा और साहित्य की प्राध्यापिका के रूप में 10 से अधिक वर्षों से जुड़ी हुई हैं।</p> <p>आपने गौतम बुद्ध विश्वविद्यालय से हिंदी साहित्य में 'मानवतावादी दृष्टिकोण से संत रविदास के काव्य का अध्ययन' विषय पर पीएचडी, हिंदू कॉलेज, दिल्ली विश्वविद्यालय से एम.ए (हिंदी) 2010, लेडी श्री राम कॉलेज, दिल्ली विश्वविद्यालय से बीए ऑनर्स</p>
---	--

(हिंदी), 2008 और यूजीसी-नेट की अर्हता जून 2010 में प्राप्त की है। डॉ. प्रियंका सिंह के द्वारा राष्ट्रीय और अंतर्राष्ट्रीय शोध पत्रिकाओं में कई शोध पत्र, संपादित पुस्तकों में हिंदी साहित्य के विभिन्न विषयों पर कई अध्याय और कविताएँ प्रकाशित हो चुके हैं तथा राष्ट्रीय और अंतर्राष्ट्रीय संगोष्ठियों में कई शोध पत्र वाचन किए जा चुके हैं।

आप अंतर्राष्ट्रीय शोध पत्रिका युगशिल्पी (ISSN-0975-4644) की वर्ष 2011 में सह सम्पादक भी रह चुकी हैं।

आपको वर्ष 2013 में बैंकाक में विश्व हिंदी मंच द्वारा विश्व हिंदी सेवी सम्मान और वर्ष 2018 में उत्तर प्रदेश भाषा संस्थान, लखनऊ द्वारा 'शब्द शिल्पी सम्मान' से सम्मानित किया जा चुका गया है।

#### 7.6.12.7 Activities and Achievements of the Department

- 14 सितम्बर से 30 सितम्बर, 2022 तक **हिन्दी पखवाड़ा** का आयोजन हुआ। जिसके अंतर्गत सृजनात्मक लेखन एवं भाषण प्रतियोगिता आयोजित की गई तथा दिनांक 30 सितम्बर, 2022 को व्याख्यान, काव्य एवं कहानी पाठ का आयोजन हुआ। कार्यक्रम के अध्यक्ष गौतम बुद्ध विश्वविद्यालय के कुलपति महोदय प्रो. रविन्द्र सिन्हा, उपाध्यक्ष गौतम बुद्ध विश्वविद्यालय के कुलसचिव डॉ. विश्वास त्रिपाठी, मुख्य अतिथि अभिनव इमरोज़ एवं साहित्य नंदिनी मासिक पत्रिका के संपादक श्री देवेन्द्र कुमार बहल, वक्ता मानविकी एवं सामाजिक विज्ञान संकाय की अधिष्ठाता प्रो. वंदना पाण्डेय रहीं। इस अवसर पर भारतीय भाषा एवं साहित्य विभाग के प्राध्यापक डॉ. दिवाकर गरवा ने हिन्दी भाषा पर तथा डॉ. विभावरी ने हिन्दी सिनेमा की भाषा पर बातचीत की, डॉ. प्रियंका सिंह ने कहानी-पाठ किया, धन्यवाद ज्ञापन भारतीय भाषा एवं साहित्य विभाग के विभागाध्यक्ष डॉ. ओम प्रकाश ने किया। कार्यक्रम की समन्वयक डॉ. रेनू यादव तथा छात्रों की टीम ने इस कार्यक्रम को सफल बनाया।

#### • झलकियाँ





दिनांक 20 दिसम्बर, 2022 को BKMS ट्रस्ट के आर्थिक सहयोग से भारतीय भाषा एवं साहित्य विभाग में अंतर्राष्ट्रीय साहित्य महोत्सव का आयोजन किया गया। कार्यक्रम के उद्घाटन सत्र में अध्यक्ष प्रो. रविन्द्र सिन्हा, कुलपति, जी.बी.यू., विशिष्ट अतिथि डॉ. विश्वास त्रिपाठी, कुलसचिव, जी.बी.यू., मुख्य अतिथि प्रो. रजनीश शुक्ल, महात्मा गाँधी अंतर्राष्ट्रीय हिन्दी विश्वविद्यालय, वर्धा, अधिष्ठाता प्रो. वंदना पाण्डेय, मानविकी एवं सामाजिक विज्ञान संकाय ने हिन्दी साहित्य पर बातचीत किया। कार्यक्रम का संचालन भारतीय भाषा के प्राध्यापक डॉ. रेनू यादव एवं डॉ. खान मोहम्मद आसिफ तथा धन्यवाद ज्ञापन भारतीय भाषा एवं साहित्य विभाग के विभागाध्यक्ष डॉ. ओम प्रकाश ने किया। कार्यक्रम के प्रथम सत्र में 'साहित्य और सृजनशीलता' विषय पर वक्ता प्रो. दिविक रमेश, कवि, नोएडा, वक्ता डॉ. रिज़वान उल हक, NCERT, दिल्ली, वक्ता डॉ. अनीता कपूर, यू.एस.ए. ने चर्चा-परिचर्चा की तथा संचालन डॉ. रेनू यादव ने किया। द्वितीय सत्र में 'भारतीय भाषाएँ एवं साहित्य' विषय पर वक्ता : डॉ. पूनम सूद, असोसिएट प्रोफेसर, दिल्ली विश्वविद्यालय, वक्ता : प्रो. अबुबकर अब्बास, दिल्ली विश्वविद्यालय ने चर्चा-परिचर्चा किया तथा संचालन डॉ. दिवाकर गरवा ने किया। तृतीय सत्र में 'साहित्य, मीडिया और रोजगार' विषय पर वक्ता प्रो. रमेश यादव, असोसिएट प्रोफेसर, इग्नू, दिल्ली, वक्ता प्रो. जी. आर. सैयद, ग्रेटर नोएडा ने व्याख्यान दिया तथा संचालन डॉ. सन्निधि शर्मा ने किया। चतुर्थ सत्र एवं समापन में 'सिनेमा और साहित्य' विषय पर अध्यक्ष : श्री संजय द्विवेदी, महानिदेशक, भारतीय जनसंचार संस्थान, वक्ता : डॉ. नीरा जलछत्रि, दिल्ली विश्वविद्यालय, मुख्य वक्ता : प्रो. नज़मा रहमानी, दिल्ली विश्वविद्यालय ने परिचर्चा किया। कार्यक्रम का संचालन डॉ. विभावरी तथा धन्यवाद ज्ञापन डॉ. ओबैदुल गफ्फार ने किया। साहित्य महोत्सव की संरक्षक प्रो. वंदना पाण्डेय, अधिष्ठाता, मानविकी एवं सामाजिक विज्ञान संकाय, कार्यक्रम समन्वयक डॉ. ओम प्रकाश, विभागाध्यक्ष, भारतीय भाषा एवं साहित्य विभाग, आयोजक सचिव डॉ. रेनू यादव एवं ओबैदुल गफ्फार, प्राध्यापक, भारतीय भाषा एवं साहित्य विभाग थे।

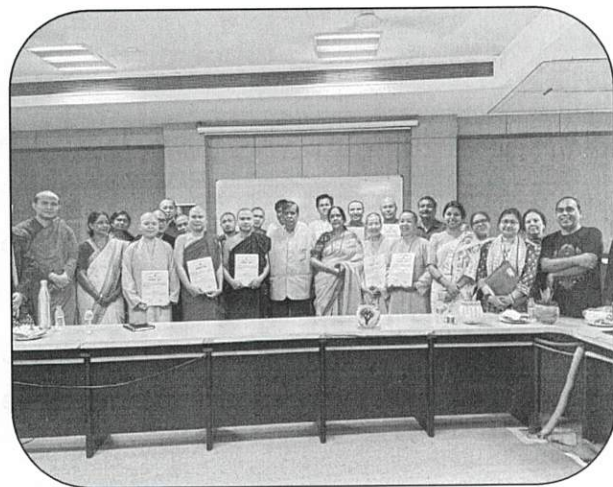
#### झलकियाँ –





- शैक्षणिक सत्र 2022-23 में भारतीय भाषा एवं साहित्य विभाग द्वारा विश्वविद्यालय में अध्ययनरत विदेशी छात्रों को 45 घंटे का 'व्यावहारिक हिन्दी कौशल विकास प्रशिक्षण' दिया गया। यह प्रशिक्षण सफलतापूर्वक पूर्ण करने दिनांक 10 जून, 2023 को भारतीय भाषा एवं साहित्य विभाग द्वारा बौद्ध अध्ययन एवं सभ्यता संकाय में अध्ययनरत विदेशी छात्रों को प्रमाण पत्र वितरण किया गया। इस कार्यक्रम में प्रशिक्षण लेने वाले विदेशी छात्रों ने तथा प्रशिक्षणकर्ता डॉ. रेनू यादव तथा डॉ. प्रियंका सिंह ने अपने अपने अनुभवों से अवगत करवाया। विश्वविद्यालय के कुलपति महोदय प्रो. रविन्द्र सिन्हा, मानविकी एवं सामाजिक विज्ञान संकाय की अधिष्ठाता प्रो. वंदना पाण्डेय, बौद्ध अध्ययन एवं सभ्यता संकाय की अधिष्ठाता प्रो. श्वेता आनंद ने छात्रों को प्रमाण-पत्र देकर प्रोत्साहित किया तथा इस कार्यक्रम का संचालन डॉ. विभावरी तथा धन्यवाद ज्ञापन बौद्ध अध्ययन एवं सभ्यता संकाय के विभागाध्यक्ष डॉ. चन्द्र शेखर पासवान ने किया।

### झलकियाँ –





## जीबीयू में विदेशी छात्रों को हिन्दी प्रशिक्षण के लिए किया गया प्रमाण पत्र वितरित

ग्रेटर नोएडा, 10 जून (दैनिकभूषण)। भारतीय भाषा एवं साहित्य विभाग, गौतम बुद्ध विश्वविद्यालय द्वारा बौद्ध अध्ययन एवं सभ्यता संकाय में अध्ययनरत विदेशी छात्रों को शैक्षणिक सत्र 2022-23 में 'व्यावहारिक हिन्दी कौशल विकास' कार्यक्रम के अंतर्गत प्रमाणपत्र वितरण का कार्यक्रम आयोजन किया गया। इस कार्यक्रम में विश्वविद्यालय के कुलपति प्रो. रविन्द्र सिन्हा, मानविकी एवं सामाजिक विज्ञान संकाय की अधिष्ठाता प्रो. वंदना पाण्डेय, बौद्ध अध्ययन एवं सभ्यता संकाय की अधिष्ठाता प्रो. श्वेता आनंद एवं विभागाध्यक्ष डॉ. सी.एच. पासवान, भारतीय भाषा एवं साहित्य विभाग के विभागाध्यक्ष डॉ. ओम प्रकाश तथा विश्वविद्यालय के प्राध्यापकगण एवं छात्र-छात्राई उपस्थित रहे। प्रशिक्षण प्राप्त करने वाले छात्र-छात्राई वणिताजाति, न्युयेन वक है, विजया, आनन्दार, न्युयेन मिन्ह त्वेत, न्युयेन थान् नून, गेनजेन थी माई ची, डेंग की



केम येन को कुलपति महोदय प्रमाण पत्र वितरित किया और उन्होंने कहा कि यह हमारे विश्वविद्यालय के लिए एक महत्वपूर्ण पहल है। विदेशी छात्र भारतीय संस्कृति, परंपरा, मूल्य एवं हिन्दी भाषा को अपने देश में पहचान के रूप में ले जाएंगे। इस प्रशिक्षण को हम आगे भी हर साल जारी रखेंगे तथा हिन्दी से विदेशी छात्रों को जोड़ने के लिए व्यापक फलक पर कार्य करेंगे। मानविकी एवं सामाजिक विज्ञान संकाय की अधिष्ठाता प्रो. वंदना पाण्डेय ने कहा कि आप अपने देश जाएं तो यहां की भाषा एवं संस्कृति को ले जाएं। आपने हमारे देश

में आकर हमारी भाषा को सीखकर हमें गौरवान्वित किया है। आप यहां रिज्नेक्टिव हैं। बौद्ध अध्ययन एवं सभ्यता संकाय की अधिष्ठाता प्रो. श्वेता आनंद ने कहा कि हिन्दी सीखने से आप यहां के वातावरण को समझ सकते हैं, आपके लिए दिनचर्या आसानी हो जाएगी। इस अवसर पर प्रशिक्षण प्राप्त करने वाले छात्रों ने तथा प्रशिक्षण प्रदान करने वाले शिक्षिकाओं डॉ. रेनु यादव एवं डॉ. प्रियंका सिंह ने अपने अपने अनुभव साझा किए। इस कार्यक्रम का संचालन डॉ. विभावरी ने किया तथा डॉ. प्रियदर्शिनी मिश्रा ने धन्यवाद ज्ञापित किया।

## विदेशी छात्रों को हिन्दी प्रशिक्षण के प्रमाणपत्र दिए

ग्रेटर नोएडा, वरिष्ठ संवाददाता। गौतम बुद्ध विश्वविद्यालय के भारतीय भाषा एवं साहित्य विभाग ने बौद्ध अध्ययन एवं सभ्यता संकाय में अध्ययनरत विदेशी छात्रों को शैक्षणिक सत्र 2022-23 में 'व्यावहारिक हिन्दी कौशल विकास प्रशिक्षण' पूरा करने पर प्रमाण-पत्र दिए।

कुलपति ने प्रो. रविन्द्र सिन्हा ने कहा कि यह विश्वविद्यालय के लिए एक महत्वपूर्ण पहल है। विदेशी छात्र भारतीय संस्कृति, परंपरा, मूल्य एवं हिन्दी भाषा को अपने देश में पहचान के रूप में ले जाएंगे। प्रशिक्षण प्राप्त करने वाले छात्रों में कुलपति प्रो. रविन्द्र सिन्हा ने वणिताजाति, न्युयेन वक है,

विजया, आनन्दार, न्युयेन मिन्ह त्वेत, न्युयेन थान् नून, गेनजेन थी माई ची, डेंग की किम येन को प्रमाण पत्र दिए। कुलपति ने कहा कि इस प्रशिक्षण को आगे भी जारी रखेंगे। हिन्दी से विदेशी छात्रों को जोड़ने के लिए व्यापक पर कार्य करेंगे। कार्यक्रम में प्रशिक्षण देने वाले शिक्षक डॉ. रेनु यादव एवं डॉ. प्रियंका सिंह ने अपने अपने अनुभव साझा किए। कार्यक्रम का संचालन डॉ. विभावरी ने किया।

मौके पर मानविकी एवं सामाजिक विज्ञान संकाय की अधिष्ठाता प्रो. वंदना पाण्डेय, बौद्ध अध्ययन एवं सभ्यता संकाय की अधिष्ठाता प्रो. श्वेता आनंद आदि उपस्थित रहे।

### 7.6.13 Department of Indian languages and Literature (URDU)

Department of Indian Languages and Literature School of Humanities and Social Sciences Gautam Buddha University has been established ever since the university came into existence. It is one of the oldest and reputed school of the university. Specific to M.A, B.A (Urdu) programme, it has established its positive identity across the country with successful representation in the realm of higher education. Language is the source of expression as well as culture. Keeping this theme centric to planning and execution, Gautam Buddha University is paying due attention to Urdu language. Not only acknowledging but at the same time with the intend of preserving some well-known languages, the university is imparting courses in some of the important languages. The composition and structure of MA (Urdu) is also a forerunner of the same educational development and Urdu language.

#### 7.6.12.1 Academic Programmes

In order to elevate the stature of Gautam Buddha University and make it one of the applauded educational institutions of our country, the Vice-Chancellor, Dean of the School and Head of Department of Indian languages and literature (Urdu) have deliberated on the strategies, desired efforts and future course of actions. The regular MA education program commenced in the year 2012 followed by commendable result outcomes of the students. The year 2019 was equally consequential as it witnessed the BA (Hons) programme. The university has been proved capable of providing the conducive and progressive environment for the holistic development of the students. Another feather in the crown was added with the launch of PhD programme in this school.

#### **7.6.12.2 Conferences, Seminars, Workshops, Training Programmes, invited talk, Expert lecture conducted**

The academic exercise and excellence also include Mushairas, journalistic lecturers, national seminars and cultural programs. Poetry gatherings of Urdu and Hindi poets are organized in the main auditorium of the university every year. Department of Indian languages has organized a national seminar in 2012. Apart from this, National Seminar on Contemporary Urdu Journalism, Common Cultural Heritage: National Seminar in the context of Sufism and Bhakti, Mushaira and Kavi Sammelan, Literary Debate, Poetry Session etc. are ongoing regular features of the department which is considered as important activities. It is seen as the part of civilization and plays an important role in the promotion of brotherhood. Department of Indian Languages and Literature School of Humanities and Social Sciences, Gautam Buddha University is leading in every occasion. Literary activities and events.

#### **7.6.13 Department of Political Science and International Relations**

**Department of Political Science and International Relations (DoPS&IR)** is one of the flourishing departments of the School of Humanities and Social Sciences (SoHSS). The Department is fully committed to serve the egalitarian liberal tradition of intellectual curiosity and academic rigour. The core objective of the Department is to inspire students to become passionate and enable them to think critically about public life and public institutions. Since politics is the master key to opening a multitude of avenues in the quest for a good society, understanding how individuals shape their public life to strive to accomplish their objectives collectively, can best be unfolded by the disciplinary inquiry with the application of suitable methodologies and approaches. A comprehensive layout of the programmes undertaken at the Department is a well-intended effort in that direction. The Department believes that, it is essential to provide all students with a grounding in institutions, theory, and political processes. Students are equipped with the tools to analyses policy issues and to conduct and evaluate research. The outstanding reputation of the Department can largely be attributed to the strength of our faculty. The interdisciplinary nature of the faculty members brings a wealth of professional and academic experience into the classroom. The Department offers B.A.(Hons.) at the Graduation level, M.A. at the Post Graduation level, and Ph.D.

##### **7.6.13.1 Academic Programmes**

- **B.A. (Hons.) Political Science B.A. (Hons.)**

Political Science is an undergraduate three-year (six semesters) full-time programme with an intake of 60 students. The undergraduate courses of the Department are designed to develop



a critical understanding among the young minds about the public life, public institutions, public morality, ethics, and governing structure cutting across the historical stages. As a popular subject across the discipline of social sciences, Political Science has also been useful for competitive examinations as a substantial part of their syllabi is secured by Political Science.

- **M.A. Political Science and International Relations**

M.A. in Political Science and International Relations is a two-year (four semesters) full time programme with an intake of 30 students in every academic year. The programme is divided into four semesters crafting specifically by putting the disciplinary knowledge more condensed and deeper as compared to the graduation level. This PG programme aims at building up the rich, diverse yet profound understanding of political phenomena, ideas, institutions and also increasingly complex relations which encompass patterns of interaction between states and transnational actors, and issues and factors shaping the present day's international order.

- **Doctoral Programme**

The Department offers a platform for the significant multidisciplinary research within a range of issues encompassing politics both in national and international contexts.

#### 7.6.13.2 Research Advisory Committee Conducted: Yes

#### 7.6.13.4 Research and development: (Papers published in refereed journals)

Name of Faculty Member	Name of Authors	Title of Paper	Journal Name	Publisher	Vol.	Year	Pages Start-End	Category
Dr. Akshay Kumar Singh	Akshay Kumar Singh	Indo-Israel and Indo-Bangladesh Relations: Changing Contours of Foreign Policy	Third Concept (Two Authors)	BK, Prakash Deep Building, New Delhi ISSN: 09707247	Vol.3 6	Nov 2022	103	UGC Care
		Instability Festering in Central Asia: Probing the Interplay of Internal and External	The Calcutta Journal of Global Affairs (Two Authors)	Kolkata ISSN: 25822241	Vol. 6	September 2022	307	UGC Care

		Factors in Kazakhstan's 2022 Unrest						
		The Pandemic, Economic Recession, and the Indian Expatriates : Tiding Over the Gloom in Indo-Gulf Relations	Refugee Watch (Two Authors)	Kolkata ISSN: 2347405X	Vol. 58	2021	25	UGC Care
		Paris Climate Agreement , COVID-19 and India's Dilemma of Competing Priorities	Madhya Bharati (Two Authors)	Sagar, MP ISSN: 09740066	Vol. 80	2021	107	UGC Care
Dr Vivek Kumar Mishra	Dr Vivek Kumar Mishra	Democrats VS Republican s: Contrast between the two Presidencies in the United States	World Affairs: The Journal of International Issues,	Publisher	Vol. 25,	Autumn 2021	84-99	Category
		Cross Border Terrorism in India	Terrorism and National Security (Journal of Terrorism and National Security)		Vol.1 ,	April 2021	pp. 6-18	
		China's Belt And	World Affairs:	Spring	Vol. 25,	2021	pp.122-135.	



		Road Initiatives Examining Debt Trap Diplomacy For Regional Supremacy in The Context of Sri Lanka	The Journal of International Issues					
Dr Pankaj Deep	Dr Pankaj Deep	ment Parity in Indian Higher Education: An Unfinished Inclusion,	Education and Society,	Education and Society, Pune.	Vol. 45,	2022,	149-164.	UGC Care

#### 7.6.13.5 Conferences, Seminars, Workshops, Training Programmes, Invited talk, Expert lecture conducted

#### Activities of the Department

- 1. Classroom instruction:** The department typically offers a range of courses at both graduate and postgraduate levels, covering topics such as political theory, international relations, comparative politics, public policy, and more.
- 2. Research:** Faculty members often engage in research projects on various topics related to political science and international relations, which may involve conducting surveys, analyzing data, and publishing scholarly articles or books.
- 3. Conferences and seminars:** The department organize or participate in conferences, workshops, and seminars on regular basis, which provide opportunities for scholars and students to present and discuss their research, as well as to network with others in the field.
- 4. Student Coordinating Committee:** Department have student Coordinating Committee which is very active in organizing seminars and departmental fests related to political science and international relations, such as Model United Nations or

debate clubs, which provide students with opportunities to develop their skills and engage with the wider community.

**5. Summer School:** The department may offer Summer School or work-study programs that allow students to gain practical experience in areas such as government, non-profit organizations, or international organizations.

**6. Guest speakers:** The department often invites guest speakers, including academics, policymakers, and practitioners, to give talks on various topics related to political science and international relations.

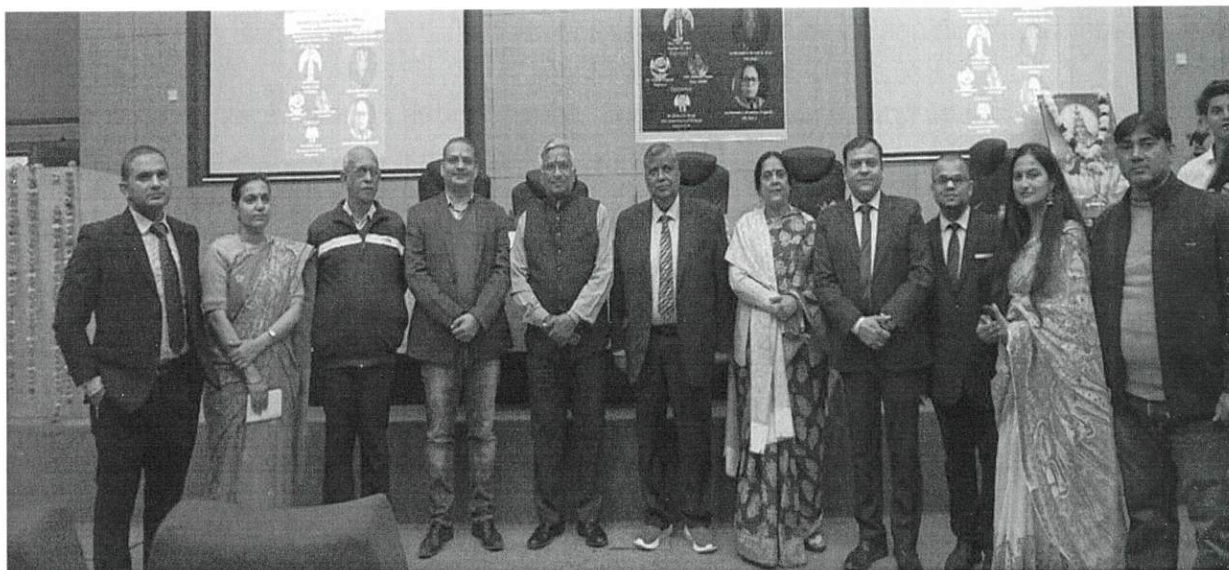
**7. Study abroad programs:** The department may offer study abroad programs, which allow students to study political science and international relations in other countries and gain a deeper understanding of global issues. Overall, the Department of Political Science and International Relations focuses on providing students with a comprehensive understanding of political science and international relations, as well as opportunities to engage in research, practical experiences, and networking with others in the field.

**8. One Day National Seminar held on 23rd of Dec. 2022, Theme: Emerging Dynamics of India's International Engagement.**

Special lecture on, G20 Presidency of India: Challenges and Opportunities held on 19th May 2023. A special lecture was organized by the Department of Political Science and International Relations School of Humanities and Social Sciences Gautam Buddha University in collaboration with the School of Law, Justice & Governance Gautam Buddha University on the theme: "G-20 PRESIDENCY OF INDIA: CHALLENGES AND OPPORTUNITIES" on 19th of May 2023 exactly at 11.30 am in Audi International Conventional Centre Guttam Buddha University Greater Noida. The speaker of this special lecture was the Former Permanent Representative of India to Regional Anti-Terrorist Structure (RATS), Tashkent Shri Bhargav Mitra. The seminar was attended by personalities from academicians and policy analysts world. The chief patron Hon'ble Vice Chancellor Gautam Buddha University Prof. R.K. Sinha, patrons Dean School of law justice and Governance Dr. K. K. Dwivedi and Dean School of Humanities and Social Science Prof Bandana Pandey and the Convenor Head of the Department of Political Science and International Relations Dr. Akshay K. Singh welcomed the speaker and our guest Shri Bhargav Mitra. The G-20 Presidency of India presents both challenges and opportunities for the country to assert itself on the global stage. By effectively addressing the challenges and leveraging the opportunities, India can play a pivotal



role in shaping the world's economic and political landscape, fostering cooperation among nations, and driving solutions to critical global issues. As India assumes this crucial role, the international community keenly observes the country's actions and commitments to promote a more prosperous and sustainable world for all.



#### 7.6.13.4 Any other information

##### Departmental FEST 13-16 Dec 2022

From 13th December to 16 Dec 2022 Departmental Fest was organized by the Department of Political Science and IR GBU. This Fest was organized with the objective of encouraging students to showcase their talents. It has proved to be a

great opportunity for the learning and personal development of both students and faculty members. These 3 days departmental fest was organized by both faculty and student coordinators. Judges were called from different Schools and Departments like from the School of Law Justice and Governance, Biotech and Engineering department.

**Debate Competition:** 13th Dec 2022

**Quiz Competition:** 14th Dec 202

### **Future Planning**

- 1. Interdisciplinary education:** Department of Political Science and International Relations Gautam Buddha University is Emphasizing on interdisciplinary education, Political science and international relations are fields that are deeply interconnected with other disciplines such as economics, sociology, history, and law. A focus on interdisciplinary education will better prepare students to tackle complex global issues.
- 2. Expand research opportunities:** Research is a critical component of political science and international relations, and the department can encourage faculty and students to engage in research activities through funding, grants, and collaboration opportunities.
- 3. Foster global connections:** International relations is an inherently global field, and the department can leverage technology to connect students with global peers, experts, and institutions. The department can also host international conferences, seminars, and exchange programs to foster intercultural exchange and collaboration.
- 4. Enhance technological literacy:** With the growing role of technology in politics and international affairs, it is essential for students to develop technological literacy. The department can offer courses on data analytics, social media, cyber security, and other relevant topics.
- 5. Address contemporary issues:** The department can design courses and research programs that address pressing contemporary issues such as climate change, pandemics, inequality, and human rights. This approach will not only attract students but also ensure that the department's research and education remain relevant and impactful.



**Department of Political Science and International Relations**  
**School of Humanities and Social Sciences**  
 in collaboration with  
**School of Law, Justice & Governance Gautam Buddha University**  
 Organises a Special Lecture on

## G-20 PRESIDENCY OF INDIA: CHALLENGES AND OPPORTUNITIES

**Chief Patron**



**Prof. R.K. Sinha**  
Hon'ble VC, GBU

**Patrons**



**Dr. K.K. Dwivedi**  
Dean, SoLJ&G



**Prof. Bandana Pandey**  
Dean, SoHSS

**Convener**



**Dr. Akshay K. Singh,**  
HoD, DoPS&IR

**Eminent Speaker**



**Shri Bhargav Mitra**  
Former Permanent Representative of  
India to Regional Anti-Terrorist  
Structure (RATS), Tashkent

### ORGANISING TEAM:

DR. VIVEK KUMAR MISHRA  
 DR. PANKAJ DEEP  
 DR. NARENDRA KOMAR  
 DR. SAOMYA SISODIA  
 DR. HAMID RASOOL  
 MR. RACHIT SRIVASTAVA  
 MS. SHIVANI RAI  
 MR. RAJESH KOMAR



**DATE**  
19 May, 2023



**TIME**  
11:30 AM

**VENUE:**

AUDI-1 INTERNATIONAL CONVENTIONAL CENTRE, GBU

### 7.6.14 Department of History and Civilization

The variety of methods and approaches adopted in studying History is one of the major exercises that is being done in the teaching-learning process of History at Gautam Buddha University. The course structures of the two programmes being offered by the Department of History and Civilization are designed to prepare the students at par with History studies at the global level. The programmes nurture values related to overall wellbeing of the students. They develop critical thinking and emotional stability of the student. The courses are designed to make him aware of social justice and develop his skills for employability.

#### 7.6.14.1 Academic Programmes

The department is running two programmes, BA (Hons.) History and Civilization and MA History and Civilization. The MA programme is of two years duration and has four semesters of six months each. has three core courses in each semester which include course on the historiographical interventions and research methodology. The courses are designed chronologically and thematically. There are a wide range of options for the students in three elective courses in each of the semesters from first to the third. In the fourth semester there is only one elective course and the student has to write a dissertation instead of two more elective courses. In the first-year global civilizations are taught, except in the generic

categories where the courses offered are of interdisciplinary nature or history courses other than the theme of the semester. In the second year the student chooses the main stream he is going to specialize in. It can be either in Ancient, Medieval or Modern India.

The course structure of B.A. Honours follows the CBCS pattern under LOCF. The syllabi which was first prepared when the programme came in to being in 2019, has been revised two times since then. As it has developed over the years, it includes a wider and increased number of elective courses for the students to choose from.

In March 2023 BOS was held at university level and the syllabi of BA Hons. Was revised for the second time and syllabi of MA History was also approved.

S. No.	Roll No.	Name	Name of the Activities
1.	2019/UHIS/002	Ashwani Raj	Played flute at the Technothon Inauguration ceremony -and Dawat-i-GBU
2.	2019/UHIS/005	Harshita Agrawal	Volunteer at Dawat-i-GBU
3.	2020/UHIS/003	Priyanshi Chahal	-is an NSS volunteer -is a part of NCC -has done a research project internship organised by Students for Holistic Development of Humanity at Hindu College on "Alternative Stories of Freedom Struggle"
4.	2020/UHIS/004	Shikha Singh	-is an NSS volunteer -has done a research project internship organised by Students for Holistic Development of Humanity at Hindu College on "Alternative Stories of Freedom Struggle"
5.	2020/UHIS/005	Srishti Tiwari	-is an NSS volunteer -has done a research project internship organised by Students for Holistic Development of Humanity at Hindu College on "Alternative Stories of Freedom Struggle"

#### 7.6.14.2 Admissions

S. No.	Course Name	No. of Admissions
1	BA (Hons.) History and Civilization and	60
2	MA History and Civilization	05



**7.6.14.3 Department/ Centre of Excellence:** Mass Communication and Media Studies

**7.6.14.4 Laboratories/ Workshops/ Training Centre and Facilities:** 1 Media lab  
(Initial stage)

**7.6.14.5 Conference/Seminars/ Workshops/ MDPs/FDPs conducted**

S. No.	Title of the paper	Title of the proceeding of the conferences	Year of publication	ISBN/ISSN number of the proceeding	Whether at the time of publication affiliating institution was same (Yes/No)	Name of the publisher	Category
<b>Dr. Mamra Rai</b>	Communal Harmony and Buddhism	Shodh Drishti	2022	0976-6650	Yes	Srijan Samiti Publication, Varanasi	UGC Approved Journal No. 49321

#### **7.6.14.7 Activities/Events**

- International conference on Journalism in Nation building, 10-11 Jan 2023
- National Conference on Conversion and Reservation 04-05 march, 2023
- Students Visit to Rastrapati bhawan, 26 March 2023

#### **7.6.14.8 Research**

- Research Paper published by Prof Bandana Pandey and Gaurav Kumar on Exposure of fake news to the Indian social media user, 2023.

#### **7.6.15 Department of Social Work**

The Department of Social Work in the School of Humanities and Social Sciences in Gautam Buddha University started in 2011. The Department of Social Work is offering Bachelor of Social Work (BSW) and Master of Social Work (MSW) programmes. BSW and MSW programmes are designed to contribute towards the developmental need and to produce efficient professionals for the development/ humanitarian sector as a whole.

##### **7.6.15.1 Academic Programmes**

- Bachelor of Social Work (BSW) programme
- Master of Social Work (MSW) programme.

#### 7.6.15.2 Admissions (Program wise number)

- Bachelor of Social Work (BSW) programme: 08
- Master of Social Work (MSW) programme: 14

#### 7.6.15.3 Research and development: (Papers published in refereed journals)

Siddaramu B (2022), Plights of Migrant Workers in Lockdown amid COVID-19 in AAYAM-AKGIM Journal of Management (January-June 2022), Vol. 12 Issue 1 ISSN: 2231 – 4326.

#### 7.6.15.4 Any other information

- BSW and MSW Students were taken for Orientation Visit to Prayash, Juvenile Aid Centre, NGO, New Delhi on 11.10.2022
- Financial Literacy Outreach camp was organised by Department of Social Work in collaboration with Myloktantra Foundation on 28/09/2023.
- गौतम बुद्ध विश्वविद्यालय के समाज कार्य विभाग ने माईलोकतंत्र फाउंडेशन के साथ वित्तीय साक्षरता (फाइनेंशियल लिटरेसी) के कार्यक्रम का किया आगाज़ बुधवार, 28 सितम्बर. गौतम बुद्ध विश्वविद्यालय के समाज कार्य विभाग की छात्राओं ने माईलोकतंत्र फाउंडेशन के साथ मिलकर खोड़ा गाँव में वित्तीय साक्षरता (फाइनेंशियल लिटरेसी) का कार्यक्रम प्रारंभ किया. फाइनेंशियल लिटरेसी के इस कार्यक्रम में खोड़ा निवासियों को भारत सरकार की गरीब कल्याण योजनाओं से अवगत कराया गया. अटल पेंशन योजना, प्रधानमंत्री जीवन ज्योति बीमा योजना, सुकन्या योजना और बैंक बचत खाते के बारे में खोड़ा निवासियों को विस्तृत जानकारी दी गयी. इस मौके पर माईलोकतंत्र फाउंडेशन टीम की श्रीमती स्मिता सिंह (अतिरिक्त आयकर आयुक्त, गाज़ियाबाद) और श्रीमती पायल गुरुदेव (अधिवक्ता, नोएडा) ने लोगों को विभिन्न कार्यक्रमों के बारे में बताया. इस मौके पर समाज कार्य विभाग के फैकल्टी डॉ. सिद्धारामु बी., डॉ. रौनक और श्री रवि ने भी कार्यक्रम में लोगों को संबोधित किया. इस कार्यक्रम में वंचित समाज के 100 से अधिक लोगों ने अलग अलग योजनाओं में पंजीकरण कराया. समाज कार्य विभाग की छात्राओं जिसमें काजल, प्रियंका, हादिया, प्रेरना, श्रेया, खुशी, अनन्या, अंजलि और हिना शामिल होकर कार्यक्रम को सफल बनाने में सक्रिय भूमिका अदा की. गौतम बुद्ध विश्वविद्यालय के छात्रों ने मकनपुर खादर गाँव में स्वच्छता अभियान शुरू किया



Wednesday, 12 October 2022

## गौतम बुद्ध विश्वविद्यालय के समाज कार्य विभाग का ओरिएंटेशन फील्ड विजिट प्रयास जुवेनाइल एंड सेंटर में संपन्न

मनोज तोमर ब्यूरो चीफ दैनिक फ्यूचर लाइन टाईम्स गौतम बुद्ध नगर



गौतम बुद्ध विश्वविद्यालय के समाज कार्य विभाग ने अपने विभाग के छात्रों को फील्ड ओरिएंटेशन प्रोग्राम के तहत मंगलवार को दिल्ली के तुगलकाबाद स्थित प्रयास जुवेनाइल एंड सेंटर का दौरा कराया। इस तरह के दौरों का मुख्य उद्देश्य विभाग के छात्रों को समाज में काम कर रहे सामाजिक संस्थाओं से अवगत कराना है। इस कार्यक्रम का पहला दौरा प्रयास जुवेनाइल एंड सेंटर में पूरा हुआ। प्रयास संस्था का तुगलकाबाद सेंटर, हेड ऑफिस होने के साथ ही साथ लड़कियों का आवासीय जुवेनाइल एंड सेंटर भी है। इस मौके पर प्रयास के सेंटर डायरेक्टर श्री विश्वजीत घोषाल ने छात्रों के सामने संस्था के बारे में विस्तृत जानकारी दी। इसके बाद छात्रों को पूरा मौका देते हुए उन्होंने संस्था के विभिन्न पहलुओं और कार्यशैली से जुड़े सवालों का भी जवाब दिया। इस कार्यक्रम में विभाग के सारे बैच से कुल 33 छात्र शामिल रहे। विभाग के फैकल्टी डॉ. सिद्धारामु, डॉ. अरुंधती और श्री रवि प्रताप छात्रों की टीम के साथ उपस्थित रहे। इस ओरिएंटेशन प्रोग्राम में विश्वविद्यालय के समाज कार्य विभाग के अन्य फील्ड विजिट भी होने हैं।

at October 12, 2022



Labels: गौतम बुद्ध नगर





गौतम बुद्ध विश्वविद्यालय के समाज कार्य विभाग के छात्रों ने गाँधी जयंती के अवसर पर मकनपुर खादर गाँव में स्वच्छता अभियान की शुरुआत की। इस अवसर पर प्राथमिक विद्यालय के बच्चों ने सक्रिय तौर पर भागीदारी की। इस रैली की शुरुआत प्राथमिक विद्यालय से शुरू होकर पूरे गाँव में घूमते हुए विद्यालय पर खत्म हुई।

विश्वविद्यालय के समाज कार्य विभाग के छात्रों ने इस अवसर पर पोस्टर नारे भी तैयार किये थे। कार्यक्रम के अगले भाग में विद्यालय में गाँधी जी और शास्त्री जी की जयंती के अवसर पर उनको नमन किया गया। इसके बाद प्राथमिक विद्यालय के बच्चों ने रंगारंग कार्यक्रम में भाग लिया। मकनपुर खादर गाँव की ग्राम प्रधान विनीता देवी, प्राथमिक विद्यालय प्रिंसिपल नूतन बाला, शिक्षिका रेखा देवी और शिक्षामित्र रूपवती का सहयोग सराहनीय रहा। समाज कार्य विभाग की तरफ से शिवम्, शैलेन्द्र, सैन्दव, उमर, शिव, समीक्षा और श्रीयश ने अपनी भागीदारी सुनिश्चित की। इस अवसर पर विश्वविद्यालय के समाज कार्य विभाग के फैकल्टी डॉ. सिद्धारामु बी. और श्री रवि प्रताप भी कार्यक्रम में शामिल रहे।

#### **Village Exposure and Resource Mapping by Gautam Buddha University Students**



- Department of Social Work of Gautam Buddha University students visited Makanpur Khadar village of Gautam Buddh Nagar for their exposure visit. As a part of this visit the students accomplished the resource mapping in the community along with primary school students' interaction. As a part of the course curriculum the Master of social work students visit every Wednesday and Thursday in the nearby community for the whole semester. The degree is provided only after fulfilling the community exposure programme. In this field visit Gram Pradhan Smt. Vinita Devi, Primary School Headmaster (In-charge) Smt. Nutan Bala, Teacher Ms. Rekha Devi and Shikshamitra Ms. Roopwati extended their active support to the students' team. The students' team includes Shivam, Shivpratap, Shailendra, Amit, Sandaw, Omar, Shriyash, Samiksha, who represented the Department of Social Work of Gautam Buddha University.

#### **7.6.16 Department of Psychology and Mental Health**

The inception of Department of Psychology & Mental Health under the aegis of University School of Humanities & Social Sciences at Gautam Buddha University took place in the academic year 2011. Having the philosophy of Buddhist Psychology in its



roots. The department envisions earning the national and international recognition, particularly in the area of Applied Psychology and Mental Health. At its core, the department carries the mission to promote the virtues of mindfulness, social equanimity and psychological well-being among students and the people around through its academic and research ventures and mental health services. The department strives to be a premiere research & training centre in the area of psychology and mental health.

#### **7.6.16.1 Academic Programmes**

1. B.A./B.Sc. (Honors) in Applied Psychology
2. M.A./M.Sc. in Applied Psychology (Specialization in Clinical & Counseling Psychology, Organizational Psychology & Forensic Psychology)
3. Post Graduate Diploma in Guidance and Counseling (PGDGC)
4. M.Phil in Clinical Psychology (RCI Accredited)
5. Ph.D. (Applied Psychology, Clinical Psychology, Forensic Psychology)

#### **7.6.16.2 Laboratories Functional**

1. Psy. Lab Facilities
2. Brain Behavior Research Laboratory
3. Clinical Psychology Specialty OPD
4. Center of Excellence for Intellectual & Learning Disability
5. Digital Cognitive Therapy Clinic
6. University Counselling Center

#### **7.6.16.3 Research Advisory Committee Conducted**

##### **Aakriti Varshney,**

Effectiveness of Neurofeedback Therapy on P300 Event Related Potential and Executive Functioning among Patients with Schizophrenia under supervision of Dr. Anand Pratap Singh.

#### **7.6.16.4 Conferences, Seminars, Workshops, Training Programmes, Invited Talk, Expert Lecture Conducted**

##### **Conference:**

1. 6<sup>th</sup> International Conference of Indian Academy of Health Psychology (ICIAHP-21) with the support of many International and National organizations. This was based on Clinical Health Psychology; Training, practices and licensing.
2. 7<sup>th</sup> International Conference of Indian Academy of Health Psychology (ICIAHP-22) with the support of many International and National organizations. This was based on Mental

Health & Wellbeing in Post Covid Scenario with Global perspective, comprised of many awards for exclusive contribution of researchers and scholars.

#### Workshops:

- Hypnosis based By Dr. Rakesh Jain, Gurukul Kangri, Haridwar
- Trauma Relaxation Technique by Dr. Wael Mustafa Abu-Hassan, Palestine
- Somatic Inkblot series by Prof. B.L. Dubey
- Workshop on Research Methodology by Dr. Sandeep K.

#### Training Programmes:

Clinical exposure and field training through below organizations:

- Government Institute of Medical Sciences (GIMS), Greater Noida, U. P.
- SHANTI HOME, Psychiatric and De-addiction Hospital, Greater Noida
- District Government Multispecialty Hospital, Noida
- District Mental Health Program, Gautam Budh Nagar World Brain Center, New Delhi
- BAKSON Homeopathy Medical College and Hospital, Greater Noida

#### Expert Lecture/Invited Talk

Dr. Narendra Thagunna, Nepal based on suicide prevention

Dr. Salony Priya based on counselling technique

#### 7.6.16.4 Research And Development: (Papers Published in Refereed Journals)

S. No.	Title of paper	Name of the author/s	Name of journal	Year of publication
1	Impact of Covid-19 Pandemic on Patients with Preexisting Psychiatric Conditions: A Systematic Review	Sehrawat. K., Varshney, A.&Singh, A.P	Delhi Psychiatric Journal	2022
2	Planned Behaviour and Subjective Well-being among adults during Pandemic	Sharma.N	Indian Journal of Behavioral Researches and Therapies	2023

#### 7.6.16.5 ONGOING PROJECTS:

1. In-house Projects: "Effect of alpha, beta and theta Audio-Visual Brainwave Entrainment on Mood, cognition, heart rate variability and psychological profile of healthy adult volunteers."



2. Funded Projects: "Post imprisonment psychosocial rehabilitation of Juvenile delinquents" funded by ICSSR, New Delhi.

#### 7.6.16.6 Any Other Information

Days celebrated for mental health awareness

- |  |                   |
|--|-------------------|
| 1. World Alzheimer's Day.  | 21 September 2022 |
| 2. World Mental Health Day   | 10 Oct 2022       |
| 3. Down Syndrome Day   | 21 March 2023     |
| 4. Community Mental Health Camp on World Autism Day, at Dankaur Block, 2 <sup>nd</sup> April 2023. |                   |
| 5. Hellen Keller Day   | 27 June 2023      |
| 6. Educational Trip, Dehradun  | 3 July 2023       |
| 7. Community Mental Health Camp on World Autism Day at Dankaur Block, 2 April 2023                 |                   |
| 8. Schools visit for mental health awareness, most recent:   |                   |
| GRAD International School  | May 2023          |
| Jaypee Public School   | Dec 2022          |

#### Glimpse of few of the events:

### मनोविज्ञान से मजबूत हुई थीं लेखिका हेलन केलर



ग्रेटर नोएडा। गौतम बुद्ध यूनिवर्सिटी में मनोविज्ञान और मानसिक स्वास्थ्य विभाग में मंगलवार को हेलन केलर डे मनाया गया। कुलपति प्रोफेसर आर के सिन्हा ने छात्रों को बताया कि जन्म से ही आंखों से दिखाई न देने और मूकबधिर होने के बावजूद मनोविज्ञान की सहायता से हेलन केलर अमेरिका की मशहूर लेखिका, प्रोफेसर और राजनीतिक कार्यकर्ता बन सकी थीं। वह कला स्नातक की उपाधि अर्जित करने वाली पहली मूकबधिर और दृष्टिहीन महिला थीं। उन पर बनी फिल्म का प्रसारण विभाग में किया गया।

विद्यार्थियों ने कुलपति को हेलन केलर की आत्म कथा 'द स्टोरी आफ़ माय लाइफ़' को स्मारक चिह्न के तौर पर भेंट किया। यहां विभागाध्यक्ष प्रोफेसर आनंद प्रताप सिंह, अधिष्ठाता प्रोफेसर वंदना पांडेय आदि मौजूद रहे। ब्यूरो

# तनाव मुक्त समाज के लिए चिकित्सा मनोवैज्ञानिकों की अग्रणी भूमिका: प्रो रविन्द्र कुमार सिन्हा

भास्कर ब्यूरो

ग्रेटर नोएडा। मनोविज्ञान एवम मानसिक स्वास्थ्य विभाग, गौतम बुद्ध विश्वविद्यालय के द्वारा 27 फरवरी को एक चिकित्सा मनोविज्ञान के पासिंग आउट बैच के लिए एक सम्मान समारोह का आयोजन किया गया। समारोह के मुख्य अतिथि गौतम बुद्ध विश्वविद्यालय के कुलपति महोदय प्रो रविन्द्र कुमार सिन्हा थे तथा विशिष्ट अतिथि के तौर पर स्कूल ऑफ ह्यूमैनिटीज एंड सोशल साइंसेज की अधिष्ठाता प्रो बंदना पांडे शामिल हुई। समारोह में विभाग के सफल विद्यार्थियों को प्रशंसा पत्र एवं स्मृति चिन्ह के साथ सम्मानित किया गया। मनोविज्ञान एवम मानसिक स्वास्थ्य विभाग के विभागाध्यक्ष डॉ आनंद प्रताप सिंह ने बताया की यह हमारे लिए एक गौरव का क्षण है की पासिंग आउट बैच के 90% बच्चों का प्लेसमेंट हो चुका है। जिन बच्चों की विभिन्न अस्पतालों में चिकित्सा मनोवैज्ञानिक के तौर पर नियुक्ति हुई उनका विवरण निम्नवत है। तितिक्षा पॉल, शांति होम



हॉस्पिटल, करुणा सेहरावत, अपोलो हॉस्पिटल, अनीशा बत्रा, वर्ल्ड ब्रेन सेंटर, सोनम, मैक्स हेल्थकेयर गुरगांव, ऐश्वर्या पांडे, निर्वाण हॉस्पिटल, लखनऊ, हिमानी सिंह, कीर्ति, सौम्या सिंह, वर्णिका कोटनाला, प्राची इत्यादि बच्चों को रोजगार प्राप्त हुआ। सभी बच्चों की नियुक्ति 5-7 लाख रुपए के एनुअल पैकेज पर हुआ है। कार्यक्रम के दौरान सभी बच्चों ने गौतम बुद्ध विश्वविद्यालय द्वारा उपलब्ध कराए गए प्रशिक्षण एवम लर्निंग की प्रशंसा करी एवम सभी जूनियर बच्चों को चिकित्सा मनोविज्ञान के क्षेत्र में आगे आने के लिए प्रेरित किया। कार्यक्रम के दौरान स्कूल की

अधिष्ठाता प्रो बंदना पांडे जी ने सभी बच्चों का मनोबल बढ़ाया और विभाग की इस उपलब्धि के लिए भूरी भूरी प्रशंसा करी। कार्यक्रम के दौरान मुख्य अतिथि के तौर पर कुलपति महोदय प्रो रविन्द्र कुमार सिन्हा ने अपने आशीर्ष वचनों से बच्चों को अभिभूत किया। उन्होंने बताया की यह गौतम बुद्ध विश्वविद्यालय के लिए एक गर्व का क्षण है एवम सभी बच्चों को अपनी शुभकामनाएं देते हुए इस बात के लिए प्रेरित किया कि वह मानव कल्याण एवम समाज कल्याण के लिए अपना सर्वश्रेष्ठ दे एवम मानव समाज को तनाव मुक्त रखने में अपनी अग्रणी भूमिका निभाएं।

## 7.7 School of Buddhist Studies & Civilization

Buddhism is gaining popularity internationally and the numbers of people who are becoming increasingly dissatisfied with their unhappy modern lifestyles are ever on a rise. They are only beginning to reap the benefits from the wisdom of the Buddha's teachings and understand that the profound path of the Buddha Dharma can lead them to peace, liberation, ultimate happiness and enlightenment. In order to achieve this, it is necessary to receive the teachings from a perfect master under conditions which are favourable for learning and receiving these necessary teachings. The aim of the School of Buddhist Studies & Civilization is to provide a venue conducive for followers from any part of the world to gain spiritual knowledge and enhance their spiritual development along with higher learning in Buddhist Studies. The school aspires, through a contemplative path of meditation, study and community activities, to awaken to our innate goodness, our wisdom and compassion, and to express this goodness in our daily life.



## Vision

School of Buddhist Studies & Civilization envisions a world in which a wide diversity of people, interested in learning about Buddhism, has easy access to the Gospel of the Buddha's Teachings in order to foster the qualities of wisdom and compassion for the benefit of humanity.

- Provide qualified faculties to impart the authentic teachings of the Buddha to students who are interested to engage in learning Buddhist Studies and quality research.
- Provide guidance and assistance to students towards the clear, proper understanding and realization of the Teachings of the Buddha.
- Provide a conducive environment, favourable for the systematic learning of the Buddha Dhamma.

### Mission Statement (The Buddhist Path)

School of Buddhist Studies & Civilization's is a centre of higher learning, working to the highest standards, to provide both traditional and modern Buddhist Education through teaching, translation, publication, research and practice. Recently, Govt of UP has declared it as the Centre of Excellence in Buddhism and Indian Tradition. Further, the School aspires to create a wakeful society of kindness, generosity and courage, within our homes, our community and in the world.

The school aspires to make our Center and activities available to all, regardless of religion, spiritual tradition or teachers, path of practice, opinions, class, nationality, culture, ethnicity, race, political views, age, gender, sexual orientation, or physical, perceptual or mental abilities.

#### 7.7.1 Establishment of School of Buddhist Studies & Civilization

Buddhist Studies & Civilization is the academic study of Buddhism which applies especially to the modern academic field and is distinct from Buddhist philosophy or Buddhist theology. Buddhism is a growing force in the world. In recent years there has been a tremendous upsurge of interest in the religious studies, particularly in America and Europe. We have also seen a worldwide increase in academic interest in the relationship between science and Buddhist teachings. As a consequence of this development, interest in and study of Buddhism is no longer restricted to believers and religious academics but has attracted wider participation by people in many other fields and religious backgrounds. This has in turn produced an even richer pool of talent and knowledge that will enrich serious Buddhist studies. In line with this trend, the School of Buddhist Studies & Civilization of Gautam

Buddha University was established in 2011 to promote the study of and research into all aspects of Buddhism and its relevance to the world of today. Here, it is imperative to mention that probably this is the only University in India where this discipline is started as a Faculty/School and not as Department. It is the first of its kind to be set up in India. Since 2012-2013, the school has been offering a broad range of Buddhist studies at postgraduate (M. A.) and research (M. Phil. / Ph. D.). After the getting a good response, School has introduced under graduate programme in also during the academic session 2014-2015 i.e., Integrated [B. A. (Hons.) + M. A.] Five Years programme of Ten (10) Semesters with exit option after completion of B. A. (Hons.) or Three Years or Six (6) Semesters. Our courses covering social application, Indian Buddhism, Chinese Buddhism, Buddhist Canonical languages, Buddhist Meditation and others are taught by a team of renowned Buddhist scholars from all over India. School has also started a course on Buddhist Meditation at Jyotiba Phule Dhyana Kendra of the University under the supervision of the faculty of our School since 2012.

The School of Buddhist Studies & Civilization is a consequential nucleus for the academic research and discourses leading to the promotion of peace and harmony guided by Buddhist Ethics and human values. The very quintessence of Buddhist Ethics and its practices in global world are torn apart by conflict, hatred and violence and thus have lost its due recognition. Therefore, the research and practices carried out at School reinforces respect for the Buddhist tradition and appreciation for its benevolent values and profound spiritual emancipation. The research and other programmes offered in School intertwined together the diverse theories in Buddhism and its expressions in our day to day life, mediating a meaningful inclusion of Buddhist values in our cultural, social and intellectual assumptions. It stands out as an effort to revitalize the Buddhist Ethics and practices which find immense significance in the modern context. The school encourages comparative study of Buddhism vis-à-vis other major world religions and their philosophies with an attempt to understand how the various Buddhist movements across the world have helped the societies in their emergence, for instance the Dalit Movement in India. It also facilitates researches aimed at finding ways of resolving national and international conflicts and disputes through the application of Buddhist principles and values. With a rich and magnificent literate collection in our library, a marvellous meditation centre and a conducive and tranquil lush green campus, the school promises a very productive academic engagement and practice of Buddhist techniques of Vipassana under qualified supervision. In addition to the above, the school provides an ideal forum for cross-cultural, interfaith and intellectual dialogues of scholars through conventions, symposia, seminars, conferences, lectures, etc. The school promotes academic collaboration, MoUs, joint research programmes and faculty and student exchange programmes with academic institutions of



repute dedicated to Buddhist Studies in the World. In order to do so, last year i.e., 2013, School has signed a Memorandum of Understanding (MoU) with Dhammachai International Research Institute (DIRI) based in Bangkok, Thailand, New Zealand and Australia.



The School of Buddhist Studies & Civilization oversees a variety of research programs, scholarly events, and outreach activities, often in collaboration with units on and off campus. Activities include a colloquium series, conferences, a visiting scholar program, etc. The school is dedicated to promoting and supporting scholarship in Buddhist Studies in a spirit of non-sectarian tolerance and with scientific research and communication as preeminent objectives. It seeks to promote the academic study, and teaching, of all aspects of Buddhist thought, practice, social, economic, human rights, animal right, global issues of concern including historical interactions with Buddhist developments in South, East, and Central Asia. The Gautam Buddha University started its academic activities in 2009 but academic activities of this School started since November 2011 with appointment of eleven faculty members. By the end of December 2011, the faculty members have prepared a course structure from M. A., M. Phil., Ph. D. along with two mandatory papers of Human Values and Buddhist Ethics for UG and PG students of the University. This is also one of the distinct features of this University. The school has been dedicated to providing Buddhist education and training in this discipline since then. The USP of this school is its international students whose number is as much as almost 90% of total enrolment.

### 7.7.2 Career Prospects After Buddhist Studies

#### Acquiring competencies and skills

The post-graduate programme in the School of Buddhist Studies, Philosophy and Comparative Religions at GBU provides students with the opportunity to engage with a range of disciplines:

- Buddhist Studies
- Buddhist Archaeology and Art
- Other Religious Traditions in the Cultural Contexts of Buddhism
- Theory and Methods of Religious Studies
- History of Religion
- Comparative Study of Religions
- Classical Languages for the Study of Buddhism and other Asian Religions
- Critical Theory of Religious Studies
- Asian Traditions of Philosophy
- Regional Focus: South Asia, South East Asia, East Asia

Other crucial competencies and skills that students will be trained to develop simultaneously are:

- Ability to frame well-structured, coherent and evidence-based arguments, both oral and written.
- Putting forward and developing research ideas in a cogent manner.
- Collecting, investigating and analyzing various kinds of material in a methodologically logical and coherent way.
- Comprehending and synthesizing facts, ideas and information retrieved from different strands of sources.
- Integrating and critically applying academic theory into research projects
- Research abilities and skills in academic interpretation of historical sources (texts, artefacts).

#### Career Pathways

Training in Buddhist, Religious Studies and Philosophy imparts transferable skills enabling graduates to pursue careers in many directions:

- Archivist / Librarian
- Researcher/ Scholar (Buddhologist, Archaeologist)



- Teacher
- Religious Commentator
- Peace Activist
- International Organizations
- NGOs
- Policy maker in the field of Peace and Conflict Resolution
- News Analyst/Journalist
- Cultural Administrator
- Advice Worker
- Social Worker
- Motivational Speaker
- Meditation Expert
- Buddhists Counselor and Author

### **Career Options**

Depending on level of education and experience, career options in this field might include clergy member, religious worker or university instructor. Visit the links below to get information about job responsibilities and potential earnings for these positions.

- University Professor
- Clergy Member
- Careers for Religious Studies Majors
- Religious Vocations

### **7.7.3 What School Offers**

The programme is intended for students, monks, nuns, teachers, psychologists, social workers and counsellors who want to study how Buddhist teachings add a new dimension to the science of human psyche and how they are applied to their daily work. It is also for individuals who are interested in the philosophy of life and want to study Buddhism and its practice as a means for spiritual development in a comprehensive and scientific way. We believe our programmes of studies offer a new dimension on the study of Buddhism. The traditional approach of study was based on learning religious texts and commentaries and was largely conducted in monasteries and specialized institutes. Our programmes go far beyond this by offering new perspectives on many other areas not traditionally associated with the study of the religion. The programmes will offer students the opportunity to study Buddhism not only as a religion but also as a philosophy, an ethics system and in metaphysical terms. They will also be of interest to those who wish to learn more about the

international academic research being carried out into the relationship between science and Buddhism. Through a fundamental understanding of Buddhist teachings, the programmes will enable students to develop better mind and life-management skills. The courses provide you with a step-by-step approach that gently leads students through an overview of the world of Buddhism. The program focuses on the study of canonical and post-canonical languages and literature of the Buddhist tradition. Therefore, successful completion of the program requires extensive language and textual study.

The program offers a concentration in South Asian Buddhism with the relevant languages (Sanskrit, Pāli, Gāndhāri, and Chinese). Related courses in disciplines other than language and literature, such as cultural anthropology, history, philosophy, religion, and ethnomusicology, constitute an important part of the program, and students will normally take courses in these disciplines. In particular, our Master of Buddhist Studies & Civilization Programme (M. A.) and postgraduate research programme leading to the award of M. Phil. and Ph. D. degrees provide participants with the opportunity to explore how Buddhist teachings may add a new dimension to the science of the human psyche and how their application may enhance effectiveness in their personal and professional lives. We believe that India uniquely combines an Eastern culture and tradition with all the dynamism of an ultra-modern and cosmopolitan society and therefore provides the perfect setting for an academic centre that offers Buddhist studies set firmly in an international context.

The specific program of courses will be worked out on an individual basis between the student and faculty. Prospective students should consult with the Dean/Head of Department of the School (Foreign nationals are advised to consult Director, International Affairs).

#### 7.7.4 The School offers following programmes

Level	Programmes
At Graduate Level:	B. A. (Hons.)
At Post Graduate Level:	M. A. (Master of Arts)
At Pre-Doctoral Level:	M. Phil. (Master of Philosophy)
At Doctoral/Research Level:	Ph. D. (Doctoral of Philosophy)
Diploma/Certificate:	Certificate Course in Pāli Language and Literature (Part-Time)
	PG Diploma in Pāli Language and Literature (Part-Time)
	PG Diploma in Buddhist Tourism and Heritage (Part-Time)



### 7.7.5 Mindfulness and Vipassana Meditation Course

In addition to curricular inputs, the University has Meditation and Vipassana facilities at its Mahatma Jyotiba Phule Dhyana Kendra, promoted as learning and retreat centre to give an experience of the power of peace and inner silence. At this Centre, University use to organize weekly course, seminars, lectures, and experiential workshops in Mindfulness Vipassana Meditation, Yoga, stress free living and self-management, which aims to help the participants in recognizing their own inherent qualities and recollect their inner most potential. The Centre and its programme focus to develop the meditational skills. The Centre's activities designed to explore different Buddhist Meditational methods such as mindfulness of breathing (anapana-sati), loving kindness(metta-bhavana), Just Sitting (Zazen), Compassion(karuna-bhavana), Vipassana meditation (sati-patthana) and mindful yoga and who we can practically apply them in daily life to solve our problems. We have courses on Meditation and Vipassana are structured especially for beginners but can also be suitable for intermediate meditators to continue developing their understanding and experience in this meditation technique. We offer online and off line (in house) courses which are:

1. One Week Course
2. 10 Days Course
3. 15 Days Course

### 7.7.6 Working and Official Association with Foreign Countries

Since then, inflow of foreign nationals started in GBU in various programmes of university but in the first academic session 2012-2013, students admitted only in MA, M. Phil. and PhD programmes of Buddhist Studies. The International Students registered in this University since its inception, belong to following countries (Working Relationship of GBU):

S. No.	Countries	S. No.	Countries
1	Vietnam	10	Canada
2	Myanmar	11	Mangolia
3	Thailand	12	Yemen
4	Lao PDR	13	Afghanistan
5	South Korea	14	Sri Lanka*

6	China	15	Fiji
7	Cambodia	16	Suriname
8	Nepal	17	Bangladesh
9	USA	*Foreign Student passed out from Sri Lanka but not Sri Lankan Citizen	

#### 7.7.7 MoUs with Foreign University/Institutions

We have initiated the process of tie up with Indian Council for Cultural Relations which resulted into getting ICCR sponsored foreign students to GBU. This has started with 1 and 4 ICCR sponsored students in 2016-2017 and 2017-2018 respectively. We are also instrumental in tie-up of University through MOUs with International institutions.

#### Till now School of Buddhist Studies & Civilization has signed MOUs with

- Dhammachai International Research Institute, Australia and New Zealand with headquarter in Thailand.
- Mahabodhi International Meditation Centre, Leh Ladakh.
- Membership of International Association of Buddhist Universities (IABU).

#### Four more MoUs are in pipeline and hope to get it done in coming future which is

- Sanchi University of Buddhist-Indic Studies (In progress)
- Dongguk University, South Korea (In progress)
- Sejong University, South Korea (In progress)
- Nanhua University, Taiwan (In progress)

Gradually we are going to expand its outreach to other countries and getting overwhelming response from international students. In the coming academic sessions, International Affairs Office has already started receiving applications for upcoming academic session 2021-2022.

#### 7.7.8 Branding and Visibility of GBU Abroad

1. Detailed News about Gautam Buddha University and its programs got published every year since 2012 till 2017 around Admission Process in Vietnam and one in one of the most prestigious newspapers of South East Asia countries named Bangkok Post on October 5, 2017.
2. News about SOBSC, GBU published in one of the major news magazines named 'Bangkok Post' widely circulated magazine in South East Asian countries.



3. Regular publication of news related to activities of Buddhist Studies in News and electronic media in national and state level newspapers and also online news portal from time to time.

#### **7.7.9 Association with Government Agencies and Universities**

##### **Abroad:**

- International Association of Buddhist Universities (IABU)
- Dhammakaya Education Foundation, Thailand (through DIRI)
- Vietnam Buddhist University, Vietnam
- Sitagu International Buddhist Academy, Mandalay, Sagaing Hills, Myanmar
- International Theravada Buddhist Missionary University, Yangon, Myanmar
- Dhammaduta University, Yangon, Myanmar
- Mahaculalongkornrajavidyalay University, Wang Noi, Ayutthya, Thailand (through IABU)

##### **India:**

- Ministry of Culture, Government of India through Membership of International Buddhist Confederation (a sister concern of Ministry of Culture).
- Ministry of External Affairs, Govt of India through Indian Council for Cultural Relations (ICCR).
- Indian Council for Historical Research (ICHR), New Delhi
- Indian Council for Social Science Research (ICSSR), New Delhi
- Indian Council for Philosophical Research (ICPR), New Delhi
- University of Delhi
- Banaras Hindu University, Varanasi
- Punjab University, Chandigarh, Punjab
- Punjabi University, Patiala
- Nava Nalanda Mahavihara, Nalanda, Bihar
- University of Calcutta, Kolkata, West Bengal
- Lucknow University
- Magadh University, Bodh Gaya, Bihar



#### 7.7.10 Academic Programmes Admissions (Program wise)

Programmes Name	Number of Students
B. A. (Hons.)	11
M. A. (Master of Arts)	28
M. Phil. (Master of Philosophy)	18
Ph. D. (Doctoral of Philosophy)	11
Certificate Course in Pâli Language and Literature (Part-Time)	Nil
PG Diploma in Pâli Language and Literature (Part-Time)	Nil
PG Diploma in Buddhist Tourism and Heritage (Part-Time)	Nil

#### 7.7.11 Research Advisory Committee Conducted

S.No	Roll No	Student Name	Supervisor Name
1	222/DBS/001	Mr. Le An Toan	Dr. Chintala Venkata Sivasai
2	222/DBS/002	Ms. Nguyen Thi Thuy Vi	Dr. Chintala Venkata Sivasai
3	222/DBS/003	Mr. Huynh The Bao	Dr. Priyadarsini Mitra
4	222/DBS/004	Mr. Hoang Van Thi	Dr. Manish T. Meshram
5	222/DBS/005	Ms. Hoang Thi Luyen	Dr. Priyadarsini Mitra
6	222/DBS/006	Mr. Nguyen Quoc Hai	Dr. C. S. Paswan
7	222/DBS/007	Mr. Nguyen Duy Chuong	Dr. Arvind Kumar Singh
8	222/DBS/008	Ms. Nyanasingi	Dr. Arvind Kumar Singh
9	222/DBS/009	Mr. Vijaya	Dr. Gyanaditya Shakya
10	222/DBS/010	Mr. Vinnitajoti	Dr. Gyanaditya Shakya
11	222/DBS/011	Mr. Tran Duy Bao Khanh	Dr. Manish T.



### 7.7.12 Conferences, Seminars, Workshops, Training Programmes, Invited talk, Expert lecture conducted

#### Dr. Chandrashekhar Paswan

- Paper Presented on title 'Bhartiva Sanskriti mein Raj Dharma ki Parikalpna evm Samrat Ashok ki Bhumika:Samajik Sadbhaw eum Manay kalvan ke Sanderhh mein ek Vislekshnatamak Adhyayan , 7th International Dharma Dhamma Conference DDC Eastern Humanism for the New Era 2023,Organized by Sanchi University of Buddhist-Indic and India Foundation on 3-5 March 2023 ,in Bhopal Madhyapradesh ,India.

#### Dr. Manish T. Meshram

#### Conference participations (Speaker/Resource Person/Organizer)

- Title of the paper resented on “Women empowerment in the Buddhist Perspective” at Two days international women conference, NISWASS, Bhubaneshwar, Odissa, during 13-14th March, 2023.

#### Refresher/Orientation/FDP

- Participated in the ten days faculty development program on” Global Business Foundation Skills” from 1st August to 9thAugust 2023 conducted by BPM Ltd and School of Management at Gautam Budha University, Greater Noida.

#### Organized workshop/courses on Vipassana Meditation

- Residential 5 days course on Vipassana Meditation Yoga for Wellbeing. The course designed and executed by Dr Manish Meshram, meditation experts. The course started from 18th to 22nd February 2023. In this course were 25 participants from various professionals from Delhi & NCR and Uttar Pradesh. They would learn and practices of vipassana meditation, mindfulness yoga, kindness, and compassionate meditation. According to feedback from the participants, experiences reducingstress through vipassana and yoga practices during the course.
- Weekly regular Meditation Class on “Mindfulness Based Reducing Stress (MBRS), at Meditation Centre, GBU.

### 7.7.13 Research and development: (Papers published in refereed journals,

#### Dr. Arvind Kumar Singh

- Singh, Arvind Kumar, 2022. “*Buddhist Heritage and India’s Soft Power Diplomacy: A Tool to Revitalize International Image*” in **Indic Perspective on International**

**Relations**, ed. Vivek Kumar Mishra, published by Pentagon Press LLP, New Delhi, 2022: 202-216. ISBN: 978-93-90095-56-8.

- Singh, Arvind Kumar, 2022. "*The Garudhamma Rules and Bhikkhuni Samgha: An Observation from Buddhist Perspective*" in **Dharmadoot**, Vol. 88, ed. Bimalendra Kumar, Mahabodhi Society of India (International Pali Institute), Sarnath, Varanasi, UP, India, November 2022: 88-103. ISSN: 2347-3428.

**(Dr. Chintala Venkata Sivasai)**

**Papers presented in Seminars (National)**

- 1. Dr.Ch.Venkata Sivasai 2023 Paper entitled Vedic and Buddhist Education: The Heart of Modern Education system on National Conference on Management Education: In Light of NEP 2020 by Chaudhary BansiLal University, Bhiwani on 27-28th March, 2023.

**Training Programmes**

- Participated in 05 days Regional Capacity Building Programme series-3 by National Institute of Disaster Management, Govt of India, New Delhi from 6th Feb to 10th February, 2023
- Participated in 5 Days Advance course on "Vipassana Meditation and Yoga by SOBSC, GBU from 18th-22nd February, 2023.

**Participation in Programmes**

- Participated in the Global Peace Leadership Conference Indo-Pacific 2023 as Delegate from 12-13th April, 2023 at Delhi.

**Dr. Gyanaditya Shakya**

**Research and Development:**

**Paper published in Refereed journals: 02**

- Shakya, Gyanaditya, 2022, Buddhopadisht Sekhiyā Dhammā mein varnit Paryavaran Sanrakshan, Nibbāna-Bodhi – The Research Journal of Religion, Philosophy, Culture and Social Sciences (An International Peer Reviewed Refereed Research Journal), Vol. XVII & XVIII (Revised & Combined Issue: January 2021 - December 2022) (ISSN No.: 2229-3728 & UGC Approved Research Journal No. 48596), (Managing Editor) Bhikkhu Nand Ratan (Editor) Dr. Gyanaditya Shakya (Assistant Editor) Ajay Kumar Maurya, Kushinagar: Kushinagar Bhikshu Sangha, p.1-9. (Date of Publication: 31/12/2022).
- Shakya, Gyanaditya, 2022, The Role of Maha Bodhi Society of India, Sarnath Centre in the Expansion of Pāli Studies & Buddhist Literature, Dharmadoot, Vol.



88 (Editor-in-Chief) P. Seewalee Thero (Managing Editor) Ven. Sumithananda Thero (Editors) Prof. Bimalendra Kumar & Prof. Ramesh Prasad, Varanasi: Maha Bodhi Society of India, pp.144-153. (ISSN No.: 2347-3428) & (Date of Publication: November, 2022).

**Publication of Book: 01**

- Shakya, Gyanaditya, Tripitakacharya Dr. Bhikshu Dharmarakshit: Vyakittva evam Kritittva, Varanasi: Pāli Society of India, 2023, pp.1-24.

**Publication of Chapters in Book: 01**

- Shakya, Gyanaditya, 2023, Pāli Sahitya mein varnit Gautama Buddha ka Antim Vachan, Facets of Ancient History, Culture, and Archaeology (Editors) Rajiva Kumar Sinha & Om Prakash Pandey, Varansi: Bharati Prakashan, 2023, pp.307-311. (ISBN No.: 978-93-88019-13-2).

**Dr. Priyadarsini Mitra**

**Refresher Course**

- Successfully completed and attended the Refresher Course in Social Sciences from 04.07.2022 to 16.07.2022 at UGC-Human Resource Development Centre, Central University of Hyderabad, Hyderabad – 500 046, Telangana

**Dr. Manish T. Meshram**

**Research Contributions: Publications (Proceeding book)**

- Published title on" Vipassana and Mindfulness meditation for wellbeing" in proceeding book at 4<sup>th</sup> International Conference, Shravasti, U.P. during 26-27<sup>th</sup> November 2022, Buddhism: Its relevance & Reflections in Modern India, Edited by Ven. Dr. Chandrakirti, Lotus & Cobra Publications House and Mahila Sashktikaran Sangh, Nagpur, ISBN: 978-93-92693-24-3, P.20.
- Meshram Manish (2023) title published on" Women empowerment in Buddhist perspective" in proceeding book of international women conference held at NISWASS Bhubaneshwar, Orisa on 13th and 14th March 2023, WOMEN EMPOWERMENT IN MODERN INDIA AND ABROAD, Edited by Ven. Dr. Chandrakitti, Lotus & Cobara Publications House and Mahila Sashktikaran Sangh, Nagpur, ISBN: 978-93-92693-31-1, P.54.

**Mr. Vikram Singh Yadav**

- Yadav, Vikram Singh, 2023 presented a paper entitled "Ashoka: The Pioneer of Public Communication" in Two day International Conference on 'Role of Journalism in Nation Building' organized by Department of Mass Communication and Media Studies, School of Humanities & Social Sciences, Gautam Buddha University, Greater Noida in collaboration with SAARC Journalist Forum, on January 10th & 11th

,2023 at Auditorium, Gautam Buddha University, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh (India).

- Yadav, Vikram Singh, 2023 presented a paper entitled “Buddhist View on Environmental Wellness” in Two day National Seminar on ‘Environmental Wellness’ organized by Department of Zoology, M.M.H. College, Ghaziabad on January 28th & 29th, 2023 at M.M.H. College, Ghaziabad, Uttar Pradesh (India).
- Yadav, Vikram Singh, 2023 presented a paper entitled “Social Aspect of State as Depicted in Pali Literature” in Three day National Conference on ‘Bhartiya Bhashayein: Sahitya, Samajaur Rajnitika Antahsambandh’ organized by Department of Humanities, Shree LalBahadurShastri National Sanskrit University, New Delhi on February 1st 2<sup>nd</sup> & 3rd, 2023 at Shree LalBahadurShastri National Sanskrit University, New Delhi (India).

#### **7.7.14 Award / recognition to faculty members**

##### **Dr. Manish T. Meshram**

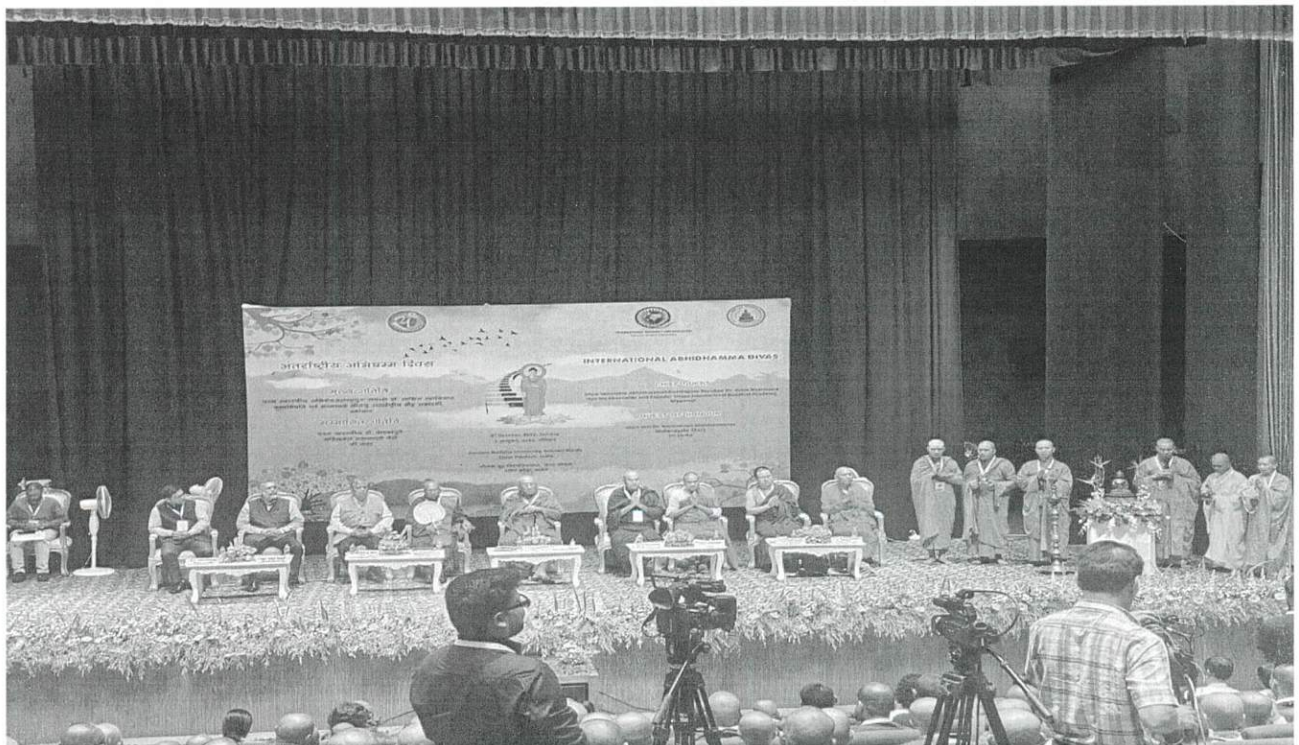
- Global Buddhist Meditation Teacher-2022, For teaching of various methods of Buddhist meditation for reducing the stress among to youth minds. Presented by Mahila Empowerments Sangha, Nagpur, India.

#### **7.8.14 Events Held at the School**

- Residential 5 days course on Vipassana Meditation Yoga for Wellbeing. The course designed and executed by Dr Manish Meshram, meditation experts. The course started from 18th to 22nd February 2023. In this course were 25 participants from various professionals from Delhi & NCR and Uttar Pradesh. They would learn and practices of vipassana meditation, mindfulness yoga, kindness, and compassionate meditation. According to feedback from the participants, experiences reducing stress through vipassana and yoga practices during the course.
- International Buddhist Confederation in collaboration with Ministry of Culture & Gautam Buddha University commences International Abhidhamma Day. In the opening remarks, Dr. Dhammapiya, Secretary General, IBC and Mahathero Sitagu Seeyadaw explains the significance of the occasion. It was held on October 09, 2022.
- Mahakaruna Diwas 2023 on February 15, 2023 at Gautam Buddha University. along with luminaries like Ambassador Deepak Vohra, Acharya Sushil Muni jee, Shri Abhijit Halder, Director General, International Buddhist Confederation, Dr



Imam Umer Ahmed Ilyasi, Prof Ravindra Kumar Sinha, VC, GBU, and many more on the same platform.







## 7.8 School of Law, Justice & Governance

School of Law Justice and Governance, Gautam Buddha University-which has been legislatively conceived as "a center of excellence"-has started its ambitious multidisciplinary academic programme with the establishment of its School of Law, Justice & Governance in 2011. It is a university for people who have the ideas that make a difference in the world and who love to bring change. The school envisions to foster advancement of learning, teaching and research in the fields of law, justice and governance.

### 7.8.1 Academic Programme

The school has started five-year integrated BA LLB programme from July 2012. To nurture the spirit of innovation and research the university started its Ph.D. in Law programme in 2016 and LL.M program in 2017 and LLM One Year in 2019. The School has taken new initiative to start LLM Two Year (Weekend Programme) from academic session 2023.



**7.8.2 Admissions (Program wise number)**

B.A. L.L.B. - 120

LL.M One Year Programme - 30

LL.M Two Year Weekend Programme -30

**7.8.3 Laboratories functional**

Legal aid Clinic and Moot Court Cell

**7.8.3 Research Advisory Committee Conducted**

Dean- Dr. K.K. Dwivedi

Head- Dr. Rama Sharma

Concerned Supervisor-

External Member- Prof. (Dr.) Anil Kumar Rai

**7.8.4 Conferences, Seminars, Workshops, Training Programmes, Invited talk, Expert lecture conducted**

S.No	Description of Activity/Programme	Date
1.	Regular Village Visit at Jaganpur & Murshadpur	Every Saturdays
2.	Moot Court Workshop	11 <sup>th</sup> October,2022
3.	C.V. Enhancement Workshop (Part-1)	9 <sup>th</sup> November,2022
4.	C.V. Enhancement Workshop (Part-2)	10 <sup>th</sup> November,2022
5.	Legal Aid Camp at Jaganpur Village, Greater Noida, G.B.Nagar	12 <sup>th</sup> November,2022
6.	Extemporal Event	18 <sup>th</sup> November,2022
7.	Intra Moot Court Competition	22-23 <sup>rd</sup> Nov., 2022
8.	Constitution Day week	20-26 <sup>th</sup> Nov.,2022
9.	ADR Workshop	13 <sup>th</sup> January,2023
10.	Legal Aid Camp at Nearby Village at GBU, Greater Noida, G.B. Nagar	14 <sup>th</sup> January,2023
11.	Court Visit and training programme at District & Session Court, G.B. Nagar	27 <sup>th</sup> January,2023
12.	Training Programme of PLVs by Police officers and Advocates	11 <sup>th</sup> February,2023
13.	Legal Aid Camp at Nearby Village at GBU, Greater Noida, G.B. Nagar	11 <sup>th</sup> March,2023
14.	Court Visit (District Court/High Court/Supreme Court)	21 <sup>st</sup> April,2023
15.	2 <sup>nd</sup> P. N. Mathur Memorial National Moot Court Competition	29-30 April,2023



# GAUTAM BUDDHA UNIVERSITY

Greater Noida, UP

## “भारतीय अर्थव्यवस्था और हिन्दी”

विषय पर आयोजित कार्यशाला

दिनांक : 18-19 नवंबर 2022

स्थान : स्कूल ऑफ लॉ, जस्टिस एण्ड गवर्नेंस, गौतम बुद्ध विश्वविद्यालय

समय : 11.00 बजे प्रातः



मुख्य संरक्षक :

प्रो. आर.के. सिन्हा  
कुलपति

गौतम बुद्ध विश्वविद्यालय, ग्रेटर नोएडा, उ.प्र.

### आमंत्रित विद्वान्



प्रो. सिद्धार्थ शंकर  
जय प्रकाश विश्वविद्यालय,  
छपरा, बिहार



प्रो. नित्यानंद श्रीवास्तव  
दिग्विजय नाथ पी.जी. कॉलेज  
गोरखपुर, उ.प्र.



डॉ. विनोद द्विवेदी  
उपसचिव  
उ.प्र. सरकार



डॉ. मुकेश कुमार मिश्र  
प्राचार्य

करमा देवी स्मृति पी.जी. कॉलेज, बस्ती, उ.प्र.



डॉ. गोपेश्वर दत्त पाण्डेय  
महामना मालवीय कॉलेज  
खेकड़ा, बागपत, उ.प्र.

### आयोजन समिति :



डॉ. के.के. द्विवेदी  
संरक्षक, डीन

स्कूल ऑफ लॉ, जस्टिस एण्ड गवर्नेंस,  
गौतम बुद्ध विश्वविद्यालय



डॉ. रमा शर्मा  
विभागाध्यक्ष

स्कूल ऑफ लॉ, जस्टिस एण्ड गवर्नेंस,  
गौतम बुद्ध विश्वविद्यालय



डॉ. प्रियंका सिंह  
संयोजक

स्कूल ऑफ लॉ, जस्टिस एण्ड गवर्नेंस,  
गौतम बुद्ध विश्वविद्यालय



डॉ. प्रकाश चन्द्र दिलारे  
सह-संयोजक

स्कूल ऑफ लॉ, जस्टिस एण्ड गवर्नेंस,  
गौतम बुद्ध विश्वविद्यालय

आयोजन सचिव : डॉ. अखिलेश कुमारी

आयोजन सह-सचिव : श्रीमती अनुराधा सिंह

स्कूल ऑफ लॉ, जस्टिस एण्ड गवर्नेंस, गौतम बुद्ध विश्वविद्यालय



## Chapter- 08

### Extra-Curricular Activities

---

Sports provides youth with many opportunities to grow physically and socially, as well as emotionally. Moreover, physical activities with teammates and competitors allow them to build social skills through peer interaction. To make the utmost usage of our sports facilities various sports activities of the available sports facilities are carried out in the presence of certified and efficient Sports officer and Physical trainer instructor. These activities are carried out on daily basis to keep the students mentally and physically fit.

#### 8.1 Team Building & Morale Boost Activities

- Cross Country Race organized once in a year on every 26-January helps students enhance their enthusiasm and motivation.
- Daily exercises and games practices helped students to be fit always for taking any challenges in both sports and academics.

#### 8.2 Sports Facilities and Activities

The sports and games facilities in the university includes:

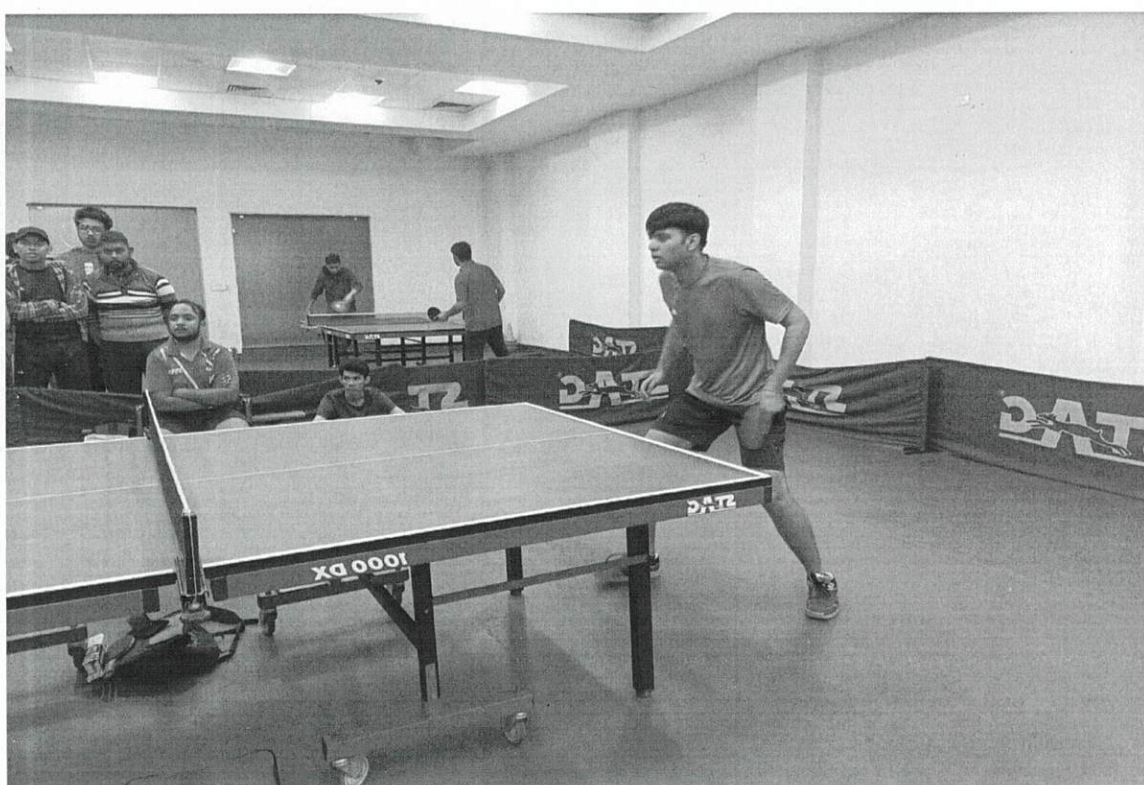
- Synthetic Lawn-Tennis courts with floodlight- 04 nos.
- Synthetic Volleyball courts with floodlight- 04 nos.
- Synthetic Basketball courts with floodlight- 03 nos.
- Gym Facility in Girls Hostel-04 nos.
- **GBU Club:** Gym Facility -01 nos., Wooden Badminton Courts- 02 nos., Squash Court- 01 no., Billiard Table- 01 no., ITTF approved Table-Tennis Table- 01 no.
- **Cricket Stadium-** National Level Cricket Stadium with pavilion of sitting approx. 650 persons- 01
- Cricket Practices pitch- 07 Nos.
- **Sports Centre:** ITTF approved Table-Tennis Table in Sports Centre 06 Nos., 10 m. Air Pistol Shooting Range- 5 targets, Boys Gym Facility – 01 no.
- Practice Soccer cum track and field- 01 no.
- **Indore Stadium:** Centre Playing Area approx. – 38.50 x 59.60 m. with PVC approved Sports Flooring, Seating Capacity- approx. 5000 persons with the facilities of Badminton Courts- 08 nos., Basketball Court- 01 no. & Wooden Squash Courts – 02 nos.

### 8.3 Proposed sports facilities

- Hockey Astro-turf Stadium with pavilion of sitting approx. 650 persons.
- Synthetic Athletic Cum Soccer Stadium with pavilion of sitting approx. 650 persons.
- Olympic size Swimming Pool cum Diving Pool with sitting approx. 600 persons.

### 8.4 Events organized/held by Sports committee GBU at GBU level

S.N.	Name of Event	Venue	Date of Tournament
1	Dr. Sarvepalli Radhakrishnan Memorial Cricket Tournament 2022-23	Cricket Stadium	28th Sep- 06th Oct. & 7th & 8th Nov. 2022
2	Basketball Inter hostel Tournament	Indoor stadium	15 <sup>th</sup> -16 <sup>th</sup> 2022
4	Football friendly match GNIOT v/s GBU	Football Stadium	16.12.2022
4	Cricket friendly Match	Cricket Stadium	20-11-22
5	GBU Table-Tennis Tournament	Sports Center	22-12-22
6	Cricket match practice	Cricket Stadium	23-12-22
7	Cricket match practice, GBU v/s CAP Academy	Cricket Stadium	06.01.2023
8	Cricket match practice, GBU v/s CAP Academy	Cricket Stadium	21.01.2023
9	12th Shauryotsav 2022-23	Sports Stadiums	16 <sup>th</sup> Feb- 2 <sup>nd</sup> March 2023
10	GBUCL Cricket League	Cricket Stadium	11 April 2023- 21st April 2023







## Chapter-09

### Finance Reports

#### 9.1 Academic Year 2022-23

BUDGET VS ACTUALS 2021-22, 2022-2023 (Upto 31.01.2023) & BUDGET 2023-24					
ACTUAL RECEIPT & PAYMENT					
A-Receipts		Rs. in lacs			
Head of Accounts	Actuals 2021-22	2022-23		Budget 2023-24	No. of Students
		Budget	Actuals (upto 31.01.2023)		
01-INCOME					
101 REGISTRATION FEE	150.70	200.00	218.60	220.00	2200
102 ACADEMIC FEE	3920.91	3,800.00	3,422.99	4,000.00	
103 HOSTEL FEE	222.42	2,000.00	1,180.00	2,000.00	
104 MESS RECEIPT	296.54	1,500.00	995.00	1,500.00	
105 SALE OF PROSPECTUS	48.90	50.00	65.74	50.00	
106 CAUTION MONEY	386.65	200.00	185.77	200.00	
107 EARNEST MONEY DEPOSIT	203.25	100.00	175.76	100.00	
108 INTEREST FROM BANKS	74.11	100.00	51.18	100.00	
109 RESEARCH PROJECTS	159.42	100.00	48.73	100.00	
110 OTHERS (Rental from Infrastructure)	210.55	400.00	242.47	400.00	
SUB TOTAL (A)	5,673.46	8,450.00	6,586.24	8,670.00	
02-GRANT					
201 NOIDA & GREATER NOIDA	0.00	3,664.00	0.00	4,396.80	
202 INDUSTRIAL DEVE. DEPT. / AUTHORITY	0.00	0.00	0.00	-	
203 CORPORATE SOCIAL RESPONSIBILITY	0.00	120.00	0.00	144.00	
Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	0.00	0.00	185.55	-	
SUBTOTAL (B)	-	3,784.00	185.55	4,540.80	
GROSS TOTAL (A+B)	5,673.46	12,234.00	6,771.79	13,210.80	
B-Payments		Rs in lac			
Head of Accounts		2022-23			



	Actuals 2021-22	Budget	Actuals (upto 31.01.2023)	Budget 2023-24	No. of Students
<b>03-PAY &amp; ALLOWANCES</b>					
301 SALARY	2350.99	3,000.00	2405.71	3,500.00	
302 E.P.F.	258.17	300.00	215.50	420.00	
303 HONORARIUM	0.50	5.00	14.21	15.00	
304 MEDICAL REIMBURSEMENT	23.35	50.00	9.94	60.00	
305 CHILD EDUCATION REIMB.	0.00	10.00	0.00	10.00	
306 OTHER	0.60	5.00	0.00	5.00	
<b>SUB TOTAL (C)</b>	<b>2,633.61</b>	<b>3,370.00</b>	<b>2,645.36</b>	<b>4,010.00</b>	
<b>* 07 *</b>					
Head of Accounts	Actuals 2021-22	2022-23		Budget 2023-24	No. of Students
		Budget	Actuals (upto 31.01.2022)		
<b>04-STUDENTS WELFARE</b>					
401 CULTURAL ACTIVITIES	6.00	30.00	0.57	30.00	
402 BADGES & KITS	0.00	10.00	0.00	10.00	
403 STUDENTS HEALTH CARE	0.00	10.00	0.00	10.00	
404 OTHERS	0.00	10.00	0.07	10.00	
405 SPORTS & ADVENTURE ACT.	0.00	15.00	0.00	15.00	
406 SEMESTER TOPPER AWARD	0.00	10.00	0.00	10.00	
407 GOLD MEDAL	0.00	10.00	0.00	10.00	
408 G.B.U. SCHOLARSHIP	0.00	25.00	0.00	25.00	
<b>SUB TOTAL (D)</b>	<b>6.00</b>	<b>120.00</b>	<b>0.65</b>	<b>120.00</b>	
<b>05- ESTATE MAINTENANCE</b>					
501 HOUSE KEEPING	9.30	60.00	37.77	72.00	
502 ELECTRICITY	722.54	900.00	678.73	1,000.00	
503 OTHER (ESTATE MAINT.)	300.74	900.00	502.67	1,000.00	
504 D G SET FUEL & MAINTENANCE	3.15	50.00	4.00	50.00	
505 WATCH & WARD	317.68	600.00	472.87	720.00	
506 OUTSOURCE STAFF	972.60	700.00	654.40	910.00	
<b>SUB TOTAL (E)</b>	<b>2,326.00</b>	<b>3,210.00</b>	<b>2,350.43</b>	<b>3,752.00</b>	
<b>06-ADMINISTRATIVE</b>					
601 COMPUTER MAINTENANCE	0.86	31.00	0.17	31.00	

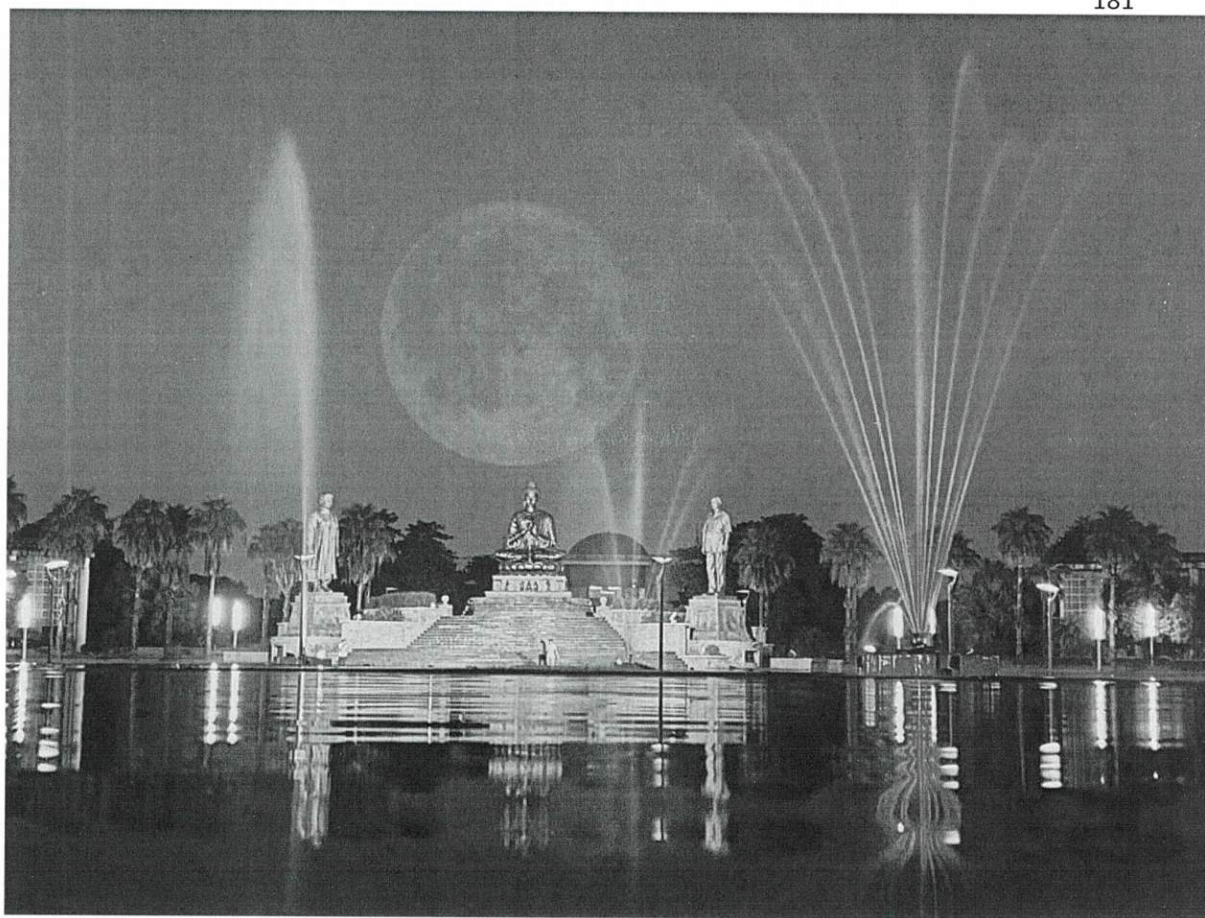
602 TRAVELING ALLOWANCE	3.02	50.00	4.99	50.00	
603 INTERNET & WEBSITE	0.10	10.00	6.22	12.00	
604 TELEPHONE	13.86	20.00	10.35	24.00	
605 REFRESHMENT	5.00	25.00	9.70	25.00	
606 ADVERTISEMENT	8.47	75.00	8.01	75.00	
607 PRINTING & STATIONERY	9.97	40.00	21.99	40.00	
608 PROFESSIONAL FEE	6.00	30.00	5.75	30.00	
609 REPAIR & MAINTENANCE	24.71	50.00	44.58	60.00	
610 SITTING FEE	0.05	15.00	0.80	15.00	
611 DISPENSARY	1.09	10.00	1.19	10.00	
612 POSTAGE	0.73	10.00	0.23	10.00	
613 NEWSPAPER & JOURNALS	0.36	5.00	2.07	6.00	
614 BANK CHARGES	0.10	2.00	0.16	2.00	
615 LEGAL	14.87	20.00	6.41	20.00	
616 AUDIT	0.00	10.00	0.00	10.00	
617 OTHERS ADMIN.	8.66	10.00	0.10	10.00	
<b>SUB TOTAL (F)</b>	<b>97.86</b>	<b>413.00</b>	<b>122.73</b>	<b>430.00</b>	

\* 08 \*

Head of Accounts	Actuals 2021-22	2022-23		Budget 2023-24	No. of Students
		Budget	Actuals (upto 31.01.2022)		
<b>07- VEHICLE RUNNING EXPENSES</b>					
701 VEHICLE MAINTENANCE	4.29	10.00	7.58	10.00	
702 VEHICLE FUEL	10.03	40.00	8.02	40.00	
703 VEHICLE INSURANCE	0.76	2.00	0.31	2.00	
<b>SUB TOTAL (G)</b>	<b>15.09</b>	<b>52.00</b>	<b>15.90</b>	<b>52.00</b>	
<b>08- ACADEMIC</b>					
802 PROFESSIONAL DEVELOPMENT (Allowance)	0.00	10.00	0.00	10.00	
803 CONFERENCE & SEMINAR	0.00	40.00	15.08	40.00	
804 VISITING FACULTY	621.24	480.00	401.55	552.00	
805 MEMBERSHIP FEE	3.82	15.00	0.95	15.00	
806 LAB CONSUMABLES	6.16	85.00	3.09	97.75	
807 EXAMINATION	5.03	35.00	0.73	35.00	
808 RESEARCH PROJECT	0.00	100.00	108.60	115.00	



809 SOFTWARE & LICENCES	7.08	50.00	11.55	50.00	
810 PLACEMENT	0.00	30.00	0.00	30.00	
811 FOREIGN VISIT	0.00	10.00	0.00	10.00	
812 CONFIDENTIAL	1.06	25.00	0.00	25.00	
813 MESS	221.38	1,500.00	548.29	1,500.00	
814 CAUTION MONEY REFUND	0.00	80.00	100.00	80.00	
815 OTHER (ACADEMIC)	2.99	20.00	4.25	20.00	
816 FIELD STUDY EXP.	0.00	15.00	0.00	15.00	
817 CENTER OF EXCELLENCE (CYBER SECURITY, ARTIFICIAL INTELLIGENCE (AI), RAPID & ALTERNATIVE ENERGY MOBILITY & GENOME EDITING	0.00	800.00	0.00	800.00	
818 CENTRE OF EXCELLENCE ON Biotechnology	0.00	200.00	0.00	200.00	
<b>SUB TOTAL (H)</b>	<b>868.75</b>	<b>3,495.00</b>	<b>1,194.09</b>	<b>3,594.75</b>	
<b>09-FIXED ASSETS</b>					
901 FURNITURE & FIXTURES	0.67	200.00	18.85	200.00	
902 COMPUTER	0.23	150.00	1.09	150.00	
903 LIBRARY	22.75	150.00	25.12	150.00	
904 OFFICE EQUIPMENTS	0.78	60.00	31.56	60.00	
905 LAB EQUIPMENTS	1.50	100.00	9.76	100.00	
906 SPORTS ITEMS	0.00	10.00	0.07	10.00	
907 VEHICLES ( 2 Buses & 4 Staff Car)	0.00	100.00	0.00	100.00	
908 OTHERS	0.00	30.00	0.00	30.00	
909 MEDICAL EQUIPMENT	0.00	15.00	0.00	15.00	
910 MUSEUM AN ANCIENT INDIAN HERITAGE	0.00	600.00	0.00	600.00	
911 DEVELOPMENT OF CLASS ROOMS AT SPORTS CENTRE	0.00	100.00	0.00	100.00	
912 RUSA FUND UTILIZATION	0.00	0.00	185.55	-	
<b>SUB TOTAL (I)</b>	<b>25.94</b>	<b>1,515.00</b>	<b>272.01</b>	<b>1,515.00</b>	
<b>10-VC'S FUND</b>					
1001 CONFIDENTIAL FUND	0.00	15.00	0.00	15.00	
1002 DISCRETIONARY FUND	0.00	10.00	0.00	10.00	
<b>SUB TOTAL (J)</b>	<b>0.00</b>	<b>25.00</b>	<b>0.00</b>	<b>25.00</b>	
<b>GROSS TOTAL (C+D+E+F+G+H+I+J)</b>	<b>5,973.26</b>	<b>12,200.00</b>	<b>6,601.17</b>	<b>13,498.75</b>	



## GAUTAM BUDDHA UNIVERSITY

Yamuna Expressway, Greater Noida, Gautam Budh Nagar, Uttar Pradesh-201312

<https://www.gbu.ac.in>

+91-120-234 4255 | <https://www.facebook.com/gbugnoida.dic/> | <https://twitter.com/gbugnoida> | <https://www.gbu.ac.in/page/youtv>



