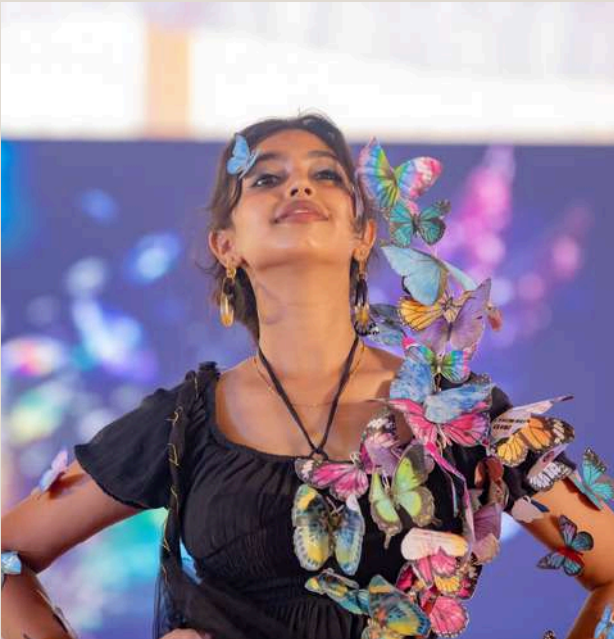


SRMU COMPASS

Edition I/July 2023–June 2024



WELCOME TO OUR UNIVERSITY!



HIGHLIGHTS

More than 825 Research Publications , 90 patents , 20 external funded projects.

ISO Certified Campus

Comprehensive Programs

State-of-the-Art Campus

Scholarship Programs

Experienced Faculty

Industry Tie-Ups

Placement Support

<https://srmu.ac.in/>

In this newsletter you will find:

Latest updates, workshops, students activities, faculties achievements and more.

Keep Reading!



Er. Pankaj Agarwal

Message from the Chancellor

As Chancellor of Shri Ramswaroop Memorial University, I am proud to highlight our university's recent achievements in education, research, and community service. SRMU is a vibrant hub of innovation, where faculty and students address global challenges while fostering leadership and academic excellence.

We deeply appreciate the support from our alumni, parents, and partners, whose contributions enhance scholarships, research, and partnerships.

As SRMU continues to grow, we invite you to stay engaged with us and support our mission of discovery and service.

Message from the Pro-Chancellor

Dear Students, Faculty, and Esteemed Members of the SRMU Community,

As we embark on another academic year, I am proud of the journey we have undertaken. Since our humble beginnings in 1999 with just 22 students, SRMU has grown into a beacon of academic, cultural, and intellectual excellence. Our mission is to foster ethically grounded, socially responsible individuals prepared to contribute meaningfully to society. This newsletter highlights the remarkable achievements of our students, faculty, and staff.

I am excited about the opportunities ahead and grateful for your unwavering support as we continue to innovate, inspire, and impact the world.

Er. Pooja Agarwal





Prof.(Dr) Vikas Misra

Message from the Vice-Chancellor

It is my immense pleasure to join the Shri Ramswaroop Memorial University family as Vice-Chancellor and to introduce the inaugural edition of our University Newsletter. This platform is more than just updates; it reflects our vibrant community and remarkable achievements. In this newsletter, you will find stories of academic excellence, research breakthroughs, and student and faculty successes.

My deepest gratitude to everyone who had contributed. Your dedication is the foundation of our progress.

As we embark on a new academic year, let's embrace the challenges and opportunities ahead with determination and vigor. To our faculty and staff, your unwavering support and inspiration drive us forward.

Message from the Registrar

Dear Friends and Supporters of SRMU,
As Registrar, I'm pleased to share recent developments at SRMU. We've enhanced our services with new programs, innovative teaching methods, increased placements, MOUs, and extension services like Unnat Bharat Abhiyan. We're committed to transparency and accessibility, strengthening connections with students, alumni, and partners. Your support through scholarships, mentorship, and engagement enriches our university. Together, we create an environment where excellence thrives.

Let us move forward with confidence, knowing the future is filled with possibilities.

Thank you, and we look forward to continued success together.

Prof.(Dr) Neerja Jindal



INSTITUTE OF TECHNOLOGY FACULTY OF CIVIL ENGINEERING



- Civil Engineering Department is a self sustaining department established in 2012 with major role of consultancy projects. The Department under the able leadership of Prof. (Dr.) Abhishek Saxena has bagged consultancy projects worth **Rs. 2 Crore** from **Uttar Pradesh Groundwater Department** funded by **World Bank**.
- Faculty of Civil Engineering has been granted **10 National and Inter National Patents** till now. **Three more patents** have been filed in the month of July.
- It was a prestigious moment for Faculty of Civil Engineering when **100% of the students got placed** in esteemed companies of India like **Adani Groups, ACC, Zenus, J. Kumar**, etc.
- Two **PhD's were awarded** in the year 2023 to **Dr. Md. Zain and Dr. Sandhya Maurya** under the guidance of Dr. R.K. Srivastava and Dr. Abhishek Saxena respectively.
- FoCE was granted a project on '**Affordable filter for Arsenic removal from drinking water using bio-adsorption techniques**' by UP-CST.

Programs Offered

- B.Tech. in Civil Engineering
- B.Tech. in Civil Engineering (Lateral Entry)
- Integrated B.Tech (CE)- M.B.A
- Integrated B.Tech-M.Tech in Civil Engineering
- M.Tech in Environmental Engineering
- M.Tech in Structural Engineering
- M.Tech in Environmental Engineering (Part Time)
- M.Tech in Structural Engineering (Part Time)
- M.Sc. in Environmental Science
- PhD in Structural Engineering, Environmental Engineering and Water Resource Engineering

“WE SHAPE OUR BUILDINGS AND THEREAFTER THEY SHAPE US.”

-WINSTON CHURCHILL



Workshops and Public Awareness Campaigns

4 Workshops and Public awareness program on 'Arsenic found in Groundwater and its Management' was organized at SRMU, Barabanki, Lakhimpur and Ballia which was chaired by District Magistrates and attended by various villagers, farmers, local people, government officials from UP Groundwater Department, Jal Nigam, NGO-Agha Khan Foundation, Water Aid, National Institute of Hydrology, Central Groundwater Board, Horticulture Department, Agriculture Department, Minor Irrigation Department, Geological Survey of India, etc.

10+

Publications

12+

Book Chapters

13

Patents

6

Conferences

20

FDP/Guest Lect.

12

Ph.D. Awarded

Institute Highlights

Footprints of FoCE at State and National Level

Dr Abhishek Saxena was invited as an esteemed panelist and delivered his views on the 'Groundwater Quality and Quantity Issues In the presence of Honourable CM Yogi Adityanath.

He was also felicitated by Honourable Swatantra Dev Singh for his commendable work in 'Groundwater.'



Invited Lecture in CST

(Prof.) Dr. Abhishek Saxena delivered a lecture on the occasion of National Technology Day celebrated on 11th May, 2024 at Uttar Pradesh Centre for Science and Technology (UPCST).



Star Achievers

Mr. Krishna Yadav , student of B.Tech-4th Year was awarded on 15th August, 2024 for promotion to 'Senior Under Officer' rank after obtaining grade 'A' in NCC exam.



Mr. Ramendra Singh , student of B.Tech-2nd Year was awarded for 2nd position in Carrom Competition in Utsaah (Sports Event) organized from 29th January to 6th February, 2024.

Mr. Kushagra Mohan, student of B.Tech-3rd Year awarded Second prize in Group Dance Competition in Annual Fest 'Anubhuti' organized on 14th March, 2024



Research Publications, Conferences and Innovation

- **Ms. Sandhya Maurya** and **Dr. Abhishek Saxena** published a research article on the topic, 'The sources, leaching, remediation, and environmental concerns associated with groundwater salinity' in the Journal, 'Environmental Science and Pollution Research' on 22nd July, 2023.
- They also published a paper on the topic, 'Health risk assessment of groundwater quality: A case study of Pratapgarh district, U.P., India' in 'Journal of King Saud University-Science' on 27th May 2024.
- **Dr. Sandhya Maurya, Dr. Abhishek Saxena, and Ms. Anju Patel** published a research article on the topic, 'Evaluation of plant-based natural coagulants for surface water treatment of Pratapgarh District, Uttar Pradesh, India' in the Journal, 'Tropical Forestry and Environment' on 8th September, 2023.
- **Dr. Pragya Singh and Dr. Abhishek Saxena** published a research article on the topic, 'Study of aerosol optical and physical properties (including AOD, Angstrom Exponent & UV Aerosol Index) by using GIS and Remote Sensing over Pune city' in International Journal of Enhanced Research in Science, Technology, and Engineering' in June 2024.
- **Dr. Sandhya Maurya, Dr. Abhishek Saxena, Er. Anjali Singh and Er. Rishabh Joshi** published a research article on the topic, 'Source minerals for the release of Salinity in Groundwater: A case study of Pratapgarh District, U.P., India' in the 'Journal of Geological Society of India' on 4th November, 2023.



- **Dr. Abhishek Saxena and Dr. Mohd. Zain (pic from left to right)** have designed SHEETAL (Renewable and Sustainable Air Cooler) model and filed 4 patents-
 1. A Solar Hinged Energy efficient terracotta aircooler system.
 2. A frame of solar hinged energy efficient terracotta aircooler lineup (S.H.E.E.T.A.L).
 3. Cone shaped terracotta pipes with holes and grooves.
 4. German Patent for SHEETAL.
- **Er. Rishabh Joshi, Er. Anjali Singh and Dr. Sandhya Maurya** participated in 'International Conference on Recent Trends in Biological and Chemical Sciences (ICRBTS- 2023) on 25th November, 2023. **Rishabh Joshi** bagged third prize for his presentation.
- **Er. Rishabh Joshi and Er. Anjali Singh** presented papers in International Conference on Sustainable Development in Chemical and Environmental Engineering (SDCEE-2024)-22nd – 24th February, 2024 organized by Department of Chemical Engineering, Thapar Institute of Engineering and Technology, Patiala, India.



Awards and Recognitions

- **Er. Rishabh Joshi** was awarded **first prize** in 'Teaching, Learning and Excellence' Category at **Institute level** on 26th January, 2024, **first prize** in 'Research and Excellence' Category at **Institute level** on 15th August, 2023 and he was awarded **first prize** in **Table Tennis- Singles and Doubles** in **Faculty and Sports meet** organized from 13-14 July, 2023.
- **Dr. Mohd. Zain** was awarded **Second prize** in 'Research and Excellence' Category at **Institute level** on 15th August, 2023.
- **Er. Anju Patel** was felicitated with a 'Research and Excellence' award at Harmony 2k23 on 23rd October, 2023.

INSTITUTE OF TECHNOLOGY FACULTY OF MECHANICAL ENGINEERING



- Faculty of Mechanical Engineering has highly motivated faculty with **UG/PG/PhD** from **NIT/IIT** having passion and self development for improvement of quality of education.
- It has well established laboratories. Each lab is equipped with facilities which cater to both teaching and research needs.
- A Memorandum of Understanding (MoU) was established between the department and Predulive Innovations Private Limited. The primary objectives of this MoU include the to train students and department and Predulive labs will jointly do few research and development on emerging technological projects as per mutual consent.
- **Two PhD's** were awarded in the session 2023-24.
- All the students of **Faculty of Mechanical Engineering** got placed in esteemed companies of India.

Programs Offered

- B. Tech. (Mechanical Engineering)
Specialization: Design, Thermal, Production, Industrial Engineering and Electric vehicle)
- M. Tech. (Production and Industrial Engineering)
- Integrated B. Tech-M. Tech (ME)
- Integrated B. Tech -MBA
- Ph. D in Mechanical Engineering.

“EDUCATION IS NOT THE FILLING OF A PAIL, BUT THE LIGHTING OF A FIRE.”

-RABINDRANATH TAGORE



A Guest Lecture on “Industry 4.0”

A guest lecture on “Industry 4.0: Journey Towards The Fourth Industrial Revolution” was organized by Faculty of Mechanical Engineering on 29 February 2024. The resource person was Dr. Kamlesh Tiwari, Head of Department, Mechanical Engineering, Faculty of Engineering, Lucknow University.

5

Publications

1

Workshop

2

Patents

2

FDP

2

Guest Lecture

2

Ph.D. Awarded

Institute Highlights

Patents

Dr. Rajesh Kr Porwal and Er. Vinod Kumar Faculty of Mechanical Engineering, SRMU, Barabanki, UP have granted a patent.

Design Name

Design to Wire Electrical Discharge Machining Optimizer



Workshop on topic- “Unlocking the secrets of oral health” Let’s Talk Teeth!

Faculty of Mechanical Engineering organized a workshop. The lecture was delivered by Dr. Preeti Shukla, BDS, MDS Reader in the department of conservative dentistry and Endodontics, Saraswati Dental College and Hospital.



Star Achievers

Our alumni Shivanshu Dwivedi Founder & Director @predulive | WBAF - International Partner | Business Head & Drone Pilot @pidrones has started their own business.



Mr. Ayush Singh, student of FoME, has secured first position at Cricket in the event UTSAAH,24 held at Shri Ramswaroop Memorial University, Uttar Pradesh From 29th January, 2024 - 6th February, 2024.

Mr. Sarthak Srivastava won the fashion show competition named MIRAGE in which we portrayed the life story of Draupadi among 22 teams across India during the Anglo Socio Cltural fest of IIT BHU.



INSTITUTE OF TECHNOLOGY DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



- The Department of Electrical Engineering and Department of Electronics and Communication Engineering merged together and now functions as Department of Electrical and Electronics Engineering.
- The department continuously works to upgrade the academic ambience which is reflected for the session 2023-24 .
- Faculty members are reviewers of reputed journals like **IEEE , Access, Physica Scripta, Material Research Express, Hindawi.**
- The faculty imparts project based learning where UG, PG students work on working prototypes and develop working models based on **IoT, LabVIEW, Embedded Systems, EV Technology.** The research scholars work on Metamaterial based Microwave devices, Image Processing, Power Electronics, Renewable Energy, EV Technology and Power System.

Programs Offered

- B.Tech (Electrical Engineering)
- M. Tech (Power Electronics & Drives)
- M.Tech (Renewable Energy & Energy Audit)
- M.Tech (Electric Vehicle Technology)
- Ph.D (Electrical Engineering)
- Corporate Training (TATA MOTORS)
- Certification Courses (Electric Vehicle Engineering)
- B.Tech(Electronics & Communication Engineering)
- M.Tech (Digital Communication)
- PhD (Image Processing, Metamaterial based Microwave Devices)

**"IF FOUR THINGS ARE FOLLOWED - HAVING A GREAT AIM,
ACQUIRING KNOWLEDGE, HARD WORK, AND PERSEVERANCE
THEN ANYTHING CAN BE ACHIEVED."**

- APJ ABDUL KALAM

4-week Certification Course cum Workshop

Department of Electrical and Electronics Engineering in collaboration with IQAC organized 4-week workshop on Implementation of AI tools for Improving Documentation and Presentation Skills: Step towards AI Literacy. The outsourced resource persons were Dr. Jitendra Kumar (IIIT-Sonepat), Dr. Mohit Kumar (Dr. B.R. Ambedkar NIT-Jalandhar), Dr. Neelesh Gupta (GLA-Mathura), Er. Ashutosh Kumar (IIIT-Gwalior). The Guest of Honour was Mr. Harry Dimitriadis (Australian web hosting company).

14+

Publications

14+

Book Chapters

10

Patents

1

Conferences

25

FDP/Guest Lect.

5

Ph.D. Awarded

Departmental Highlights

The DEEE organized Techfest in collaboration with IIT-Bombay, Field visit to Sarojini Nagar-Substation, CIED-Integral University, showcased the prototypes developed by students based on IoT and EV technology, organized technical events on Robotics, conducted FDPs and Guest Lectures.



FDP on Hands-on LabVIEW Programming

An FDP was organized by Department of EEE on Basics of LabVIEW Programming which was attended by faculty members of IoT and on successful completion the certificates were distributed by Honorable V.C. Sir.



Star Achievers

Ishika Jindal, placed in Planet Spark, Noida, working as Graduate Trainee Engineer



Prateek Srivastava, placed in Tycon Automation, Noida, working as Application Engineer.

Akash Trivedi, working in FinchUX, San Francisco, Product Strategy and Research consultant.



INSTITUTE OF TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Programs Offered

- Computer Science & Engineering Department is known as emphasis on research, industry connections and a comprehensive curriculum.
- The Department offers **B.Tech, M.Tech and Ph.D** programs with specialization in Software Engineering, Machine Learning and Big Data Analytics. Core courses like Computer Technologies, Distributed Computing, Information Security, Programming Languages, Computer Networks, Database Management System, Software Engineering, Operating System, Compiler Construction, Computer Organization and Architecture are taught by competent and qualified faculty members.
- The department organizes **Seminars, Workshops, Industrial Visits and Conferences** in collaboration with professional bodies and invites renowned speakers and experts from academia and industry.
- The strength of the department are the faculties from premier institutions like **IIT's, NIT's, Central Universities** and a disciplined academic culture of teaching and learning.
- B.Tech in Computer Science & Engineering
- B.Tech in Computer science & Engineering (Lateral Entry)
- B.Tech. in CSE (Cloud Computing & Artificial Intelligence) with IBM
- B.Tech. in CSE (Data Science & Artificial Intelligence) with IBM
- B.Tech. in CSE - M.B.A.
- B.Tech.-M.Tech. in Computer Science Engineering
- B.Tech. in Industrial IoT & Microelectronics
- B.Tech. in CSE (Artificial Intelligence & Machine Learning)
- M.Tech in Computer Science Engg.
- M.Tech in Computer Science (Part Time)
- M.Tech in Data Science
- PhD

“CONTINUOUS IMPROVEMENT IS BETTER THAN DELAYED PERFECTION.”

-MARK TWAIN



Workshop

Workshops and Public awareness program was organised on 'DIGITAL SENSITIZATION: NEED AND IMPORTANCE' which was taken by Dr. Ashish Awasthi Professor (University of Technology and Applied Science, Muscat) & "TECHNOLOGY APPROACHES FOR THE SOCIALLY DISABLED" has taken by Mr. Sandeep Dubey, MD & OD Softech Ltd. Landon UK) was organized at SRMU Via online mode, Barabanki, Organized by Department and attended by various Professor, student, people.

35

Publications

6

Book's

5

Patents

18

Conferences

6

FDP/Guest Lect.

Institute Highlights

Books Published

Er. Neeraj Kumar Published book chapter "Machine Learning Techniques Used for Biomedical and Healthcare Systems" in Book Titled " Smart Electronic Devices and Systems for Biomedical and Healthcare Applications" ISBN 9781774918166



Faculty Development Programme

Department of Computer Science always conduct Faculty Development Programme to Enhance the Knowledge and learn new tools and Technologies. they called speakers from outside of India After Successfully Completion of programme they provide Certificate and apart from Explanation they provide Inhand knowledge and Experience of Lab



HRD First Academy courses for successful job roles

"Digital transformation is driving the industry and creating demand for new roles," said Cushing Anderson, IDC program vice president, in a press release. "The economic opportunities are huge for individuals looking to further their IT careers—or begin them."

Web developer	Mobile applications developer	Business intelligence analyst	Software developer or engineer
Future importance: Medium	Future importance: Medium	Future importance: Medium	Future importance: High
Hiring difficulty: High	Hiring difficulty: High	Hiring difficulty: Very low	Hiring difficulty: Very low
Long-term growth: Medium	Long-term growth: Medium	Long-term growth: High	Long-term growth: Medium
Median income: US\$68,371	Median income: US\$71,900	Median income: US\$66,209	Median income: US\$82,240
Business intelligence architect or developer	Cyber security engineer or analyst	Network engineer or architect	Security management specialist
Future importance: High	Future importance: High	Future importance: High	Future importance: Very low
Hiring difficulty: High	Hiring difficulty: Very low	Hiring difficulty: Very low	Hiring difficulty: Very low
Long-term growth: High	Long-term growth: High	Long-term growth: Low	Long-term growth: High
Median income: US\$74,000	Median income: US\$74,000	Median income: US\$74,000	Median income: US\$74,000



Star Achievers

Shivam Chaurasiya qualified CAT with 98.10 percentile and got selected in IIM Rohtak.



Nikhil Prabhakar won the National Quiz organized by HCL. Currently he is working as a Software Engineer in a Procol Tech.

Tushar Tripathi wrote a research paper on AI entitled "AI and its impact on Economic Growth" which got published in Shaheed Bhagat Singh College of Delhi University



Research Publications, Conferences and Innovation

- **Dr. Satya Bhushan Verma** published a research article on the topic “Ransomware Anatomy, Impact, and Mitigation Strategies” In the 18th International Conference on Information Assurance and Security (IAS) Springer, organized Machine Intelligence Research Lab(MIR Labs) and KLE Technological University, India during December 13-15, 2023.
- He has also Published a paper on the topic,” Federated Learning for GDPR Compliance” , In the 18th International Conference on Information Assurance and Security (IAS) Springer, organized Machine Intelligence Research Labs (MIR Labs) and “KLE Technological University, India during December 13-15, 2023.
- He published a paper on Topic of Uses of “Blockchain in Internet of Medical Things : A Systematic” Review in the International Conference on Intelligent Systems Design and Applications (ISDA) Springer, organized by Machine Intelligence Research Labs (MIR Labs) during **December 13-15, 2023**.
- **Anamika Agarwal, Satya Bhushan Verma, Bineet Kumar Gupta** , published a research paper on topic “A Review on Cloud Security Issues and Challenges’ in ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal, 2023.



- A Research Paper on the topic of “Intelligence framework to identify Malicious Activities for Safety”, **Satya Bhushan Verma** in Second International Conference of Emerging Trends in IoT and Computing Technologies’ 2024 Taylor & Francis Group, ISBN 978-1-032-87924-6
- The Blockchain Knowledge Gap: “Tackling Cybersecurity and Data Privacy Challenges”, by **Satya Bhushan Verma** in International Conference on Intellectual Property and Technological Innovations (IC-IPTI 2024)" organized by LPCPS Lucknow, India on 4th-6th March, 2024.
- Securing Cloud Environments: “A Comprehensive Approach to Hypervisor-Based Malware Prevention and Detection International Conference on Intellectual Property and Technological Innovations (IC-IPTI 2024)" organized by LPCPS Lucknow, India on 4th-6th March, 2024.



Awards and Recognitions

- **Dr.Mohd Nadeem** have Published Paper on Topic Of "Selection of data analytic techniques by using fuzzy AHP TOPSIS from a healthcare perspective", BMC Medical Informatics and Decision Making (SCIE), <https://doi.org/10.1186/s12911-024-02651-8>.
- Satya Bhushan Verma had also published a paper on the topic of “Use Literature Review on Skin lesion segmentation” , In International Conference on Emerging Electronics and Automation (E2A-2023) Springer, organized by NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR Assam, India - 788010 during December 15-17, 2023.

INSTITUTE OF TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION SYSTEMS



Computer Science & Information Systems is recognized for its focus on research, strong industry ties, and a well-rounded curriculum. Under the capable leadership of Prof. Dr. Bineet Kumar Gupta, the department has contributed to several research papers. Some of the most notable papers are highlighted here.

- An integrated hesitant fuzzy-based decision-making framework for evaluating sustainable and renewable energy.
- A Novel Approach for Triggering the Serverless Function in Serverless Environment.
- Big data analytics for dynamic network slicing in 5G and beyond with dynamic user preferences.
- Transforming transportation: Embracing the potential of 5G, heterogeneous networks, and software-defined networking in intelligent transportation systems.
- Futuristic Trends in Network & Communication Technologies.
- Developing A Neural Network-Based Model for Identifying Medicinal Plant Leaves Using Image Recognition Techniques.
- Applying Deep Learning and Machine Learning Algorithms for The Identification of Medicinal Plants Leaves Based on Their Spectral Characteristics.
- Linking Local Producers to a Global Customer Base Leading to Rural Success in Cyber Market.
- Unlocking the Power of Serverless Computing with AWS.
- Computer Networking Fundamentals: An Essential Approach.
- Applying Deep Learning and Machine Learning Algorithms for The Identification of Medicinal Plants Leaves Based on Their Spectral Characteristics.
- Sensor-Based Smart Shopping Bag.

Programs Offered

- BCA
- BCA (Specialization with IBM)
- B.Sc. (IT)
- MCA
- M. Tech (Data Science)
- Ph.D.

Students oriented activities

- Performance Analysis of Auto ARIMAX model with Facebook Prophet and Light GBM Forecasting models: Affirmation from Indian Mutual Fund.
- Advanced Hybrid Prediction Model: Optimizing Lightgbm, Xgboost, Lasso Regression, and Random Forest with Bayesian Optimization.
- Comparative Analysis of ARIMA, Deep Learning, and Lasso Regression Models for Time Series Forecasting: Assessing Accuracy, Robustness, and Computational Efficiency.
- Forecasting Mutual Fund Volatility using Generalized Autoregressive Conditional Heteroskedasticity (GARCH) Model: Evidence from the Indian Mutual Fund.
- Ai Based on Thermoplastic Multipurpose Marking Machine.
- Uses of Blockchain in Internet of Medical Things: A Systematic Review.
- SMART CONTRACTS Based Peer to Peer Communication in Blockchain: A Decentralized Approach.
- Intelligent Transportation Systems: A Comprehensive Analysis of Edge AI Applications and Cloud Integration for Next-Generation Travel.
- Execution of Serverless Functions Lambda in AWS Serverless Environment.
- Encryption and Decryption Technique in Optically Transformed Colour Image.
- Transition In Step Network Through Simulation.

THE ROOTS OF EDUCATION ARE BITTER, BUT THE FRUIT IS SWEET."

- ARISTOTLE



Workshop and Public Awareness Campaigns

A Workshop and Public awareness program on 'Cyber Bullying : A Case of digital Threat' was organized at SRMU, Barabanki, Uttar Pradesh which was chaired by Cyber Analyst: UP - SSP (STF) Shri Vishal Vikram Singh and attended by staff & students from various departments of SRMU.

16

Publications

04

Books

05

Patents

02

FDP/Guest Lect.

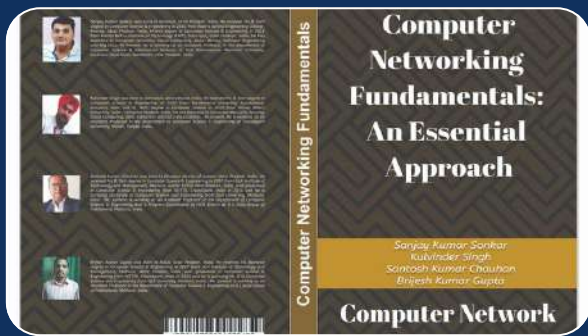
05

Ph.D. Awarded

Institute Highlights

Book Published

Mr. Sanjay Kumar Sonkar, Assistant Professor, DCSIS has published a book namely Computer Networking Fundamentals: An Essential Approach (Kindle Publication).



External Funded Projects

Dr. Rajeev Kumar Associate Professor, received a project funding from CST - UP.

Star Achievers

Ms. Kavita Dubey, student of BCA-3rd Year, awarded on 28th Nov, 2023 to 7th Dec, 2023 for promotion to 'Annual Training Camp-217'.



Ms. Shalini Gura, student of BCA-3rd Year. Awarded for 1st position in Volleyball Competition in Ullash (Sports Event) organized from 29th January to 6th February, 2024.

Mr. Swayam student of B.Sc (IT) - 3rd Year, 4*100 Meter relay gold medalists in BBDU, Lucknow.



INSTITUTE OF BIOSCIENCES AND TECHNOLOGY

FACULTY OF BIOSCIENCES

FACULTY OF BIOTECHNOLOGY



The foundation for Institute of Biosciences and Technology (IBST) was laid down in 2012, with **B.Tech.** (Biotechnology) programme. Thereafter, Ph.D. programme in Biotechnology was offered from 2013. Subsequently, **B.Sc. (Hons), M.Sc. and M.Tech.** programmes in Biotechnology were introduced from 2015.

The Institute is passionate about the ability of outreach and teamwork to further scientific understanding and improve society. In order to address challenging issues in the fields of biotechnology and bio-sciences, we actively engage with industry and publish collaborative research papers with distinguished scientists from reputable national and institutions.

Programs Offered

- B.Sc (Hons) Biotechnology
- B.Sc (Hons) Microbiology
- B.Sc (Hons) Food Technology
- B.Sc (Hons) Nutrition and Dietetics
- M.Sc (Biotechnology)
- B.Tech (Biotechnology)
- M.Tech (Biotechnology)
- PhD

**"EDUCATION IS THE MANIFESTATION OF THE PERFECTION
ALREADY IN MAN."**

-SWAMI VIVEKANANDA



Workshops and Guest Lectures

Alumni Talk conducted every month to encourage the students. Three FDS and Workshops was conducted for the faculties to enhance their knowledge in thrust areas of biotechnology. Guest Lectures were conducted throughout the sessions for the faculties and students. All such activities foster networking opportunities, inspire innovative thinking, and expose students to the latest research and technologies. These interactions bridge the gap between academia and industry, enriching the educational experience and preparing students for future careers.

47+

Publications

40+

Book Chapters

9

Patents

6

Conferences

7

Funded Projects

5

Ph.D. Awarded

Institute Highlights

ACIAB Cordinator

Dr. Sankalp Misra has been appointed as U.P. State Coordinator for the session 2023-24 by the Avishka Council of Industrial and Allied Biosciences (ACIAB)

NCC Certification

Ayush Saxena, B.Tech (Biotechnology) has passed B examination In NCC with Alpha grade



External Funded Projects

Dr. Sapna Sharma Assistant Professor, received a project funding from SERB-TARE .

Dr Sankalp Misra and Dr.Devendra Singh , Assistant Professor received a project funding from UP-CST.



Star Achievers

Raksha Maurya, B.Tech (Biotechnology) qualified GATE 2024 and got admission in M.Tech Biomedical Engineering in MNNIT Allahabad, Prayagraj.



Rashmi Sharma, B.Tech (Biotechnology) qualified GATE 2024 and got admission in M.Tech Biotechnology in NIT Jalandhar.

Six Students of B.Sc (Hons) Biotechnology had qualified CUET-PG (2024)



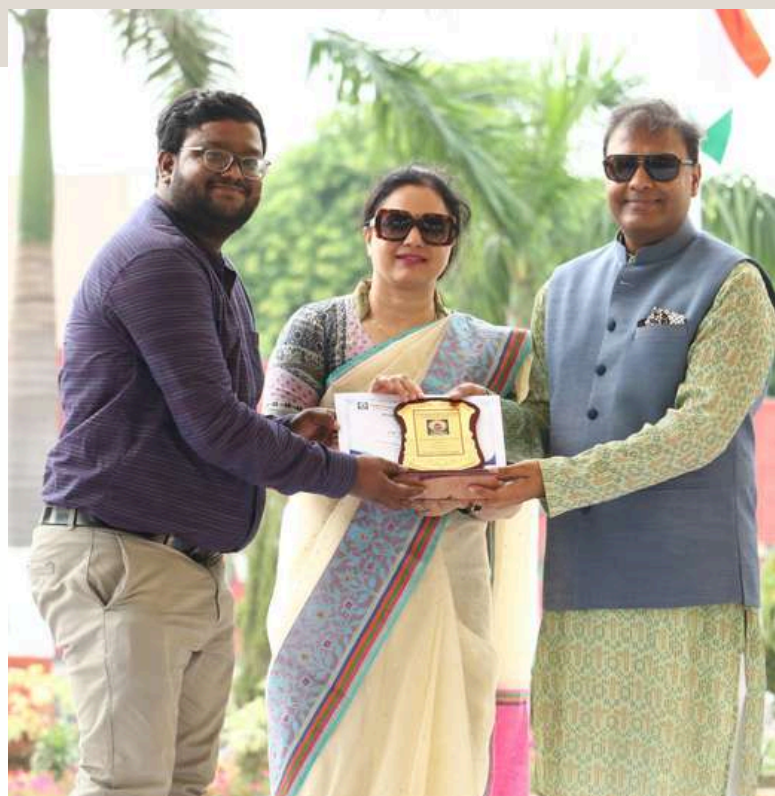
Research Publications, Conferences and Innovation

- **Dr. Nishu Mittal, Dr. Neeraj Tiwari,** Dhananjay Singh, Prabhanshu Tripathi, **Dr. Sapna Sharma** has published a research article on “Toxicological impacts of microplastics on human health: a bibliometric analysis” in the journal of Environmental Science and Pollution Research (2023).
- **Dr. Chitranshu Pandey and Dr. Neeraj Gupta** has published a research article on “Assessment and Optimization of Xylanase Production Using Mono-Culture and Co-Cultures of Bacillus subtilis and Bacillus pumilus” in the journal Microbiol. Biotechnology Letters (2023).
- **Dr Tabish Qidwai** has published an article on “Cytokine storm in COVID-19 and malaria: Annals of pro-inflammatory cytokines” in the journal Cytokines (2024).
- **Noopur Khare and Tanvi Jain** has published a research article on “Network Pharmacology Reveals Key Targets and Pathways of Madhuca longifolia for Potential Alzheimer’s Disease Treatment” in the journal Biochemistry and Biophysics (2024).
- **Er. Sunil Kumar Verma, Minakshi Pandey, Dr. Renu Khare, Dr. Devendra Singh** had published a review article on “A Review on Non-Small Cell Lung Cancer.” in Vacunas (2024).
- **Sunil Kumar Verma, Renu Khare, Devendra Singh** had published a current perspectives on neuroendocrine tumors in hLife (2024).



Dr. Tabish Qidwai (Left hand side) had edited two books:

1. Falciparum Malaria: Diagnostic Tools, Therapeutic Advances, and Future Opportunities. 1st Edition - April 14, 2024. Paperback ISBN: 9780323953283, eBook ISBN: 9780323957830.
 2. Interaction of Coronavirus Disease 2019 with other Infectious and Systemic Diseases 1st Edition, Kindle Edition. Publisher : CRC Press; 1st edition (31 October 2023)
- **Dr. Sonal Prasad (Right hand Side)** won young women scientist award in the International conference on "Natural Resource Management and Environmental Sustainability for future generations on 20th April, 2024 organized by Government college, HISAR.
 - **Dr. Tanvi Jain** participated in ‘International Conference on Recent Trends in Biological and Chemical Sciences (ICRBTS- 2023) on 26-28 January 2024.



Awards and Recognitions

- Dr. Devendra Singh was awarded **first prize in Research and Excellence Award** at **University level** on 15th August 2024.
- **Dr. Sankalp Misra** was awarded **second prize** in ‘Research and Excellence Award at **University level** on 15th August 2024.
- **Dr. Tanvi Jain** was awarded first prize in ‘**Teaching, Learning and Innovation**’ award at Institute level on 26th January, 2024.
- **Dr. Sankalp Misra** has been awarded the Young Researcher Award 2023 from the Institute of Scholars.
- **Dr. Ankita Srivastava** had successfully conducted one month summer training program for external students. MSc students from Lucknow University participated and completed this training in IBST .

INSTITUTE OF NATURAL SCIENCES AND HUMANITIES FACULTY OF HUMANITIES AND SOCIAL SCIENCES



- Department of Humanities and Social Sciences is a huge department comprising of UGC - NET/JRF qualified faculty members holding doctorate degrees from institutions of national repute. The department is oriented towards promoting quality education and research.
- The faculty members are devoted to imparting qualitative learning aptitude among the students that enable them crack various competitive examinations like UPSC, PSC, UGC- NET/ JRF etc.
- The department has been successful in organizing Guest Lectures, Training Workshops, Literary Fest, Socio-economic development programmes and International Conferences on various themes of Global literature, culture, polity, personality development and social thought.
- The department has been successful in organizing Guest Lectures, Training Workshops, Literary Fest, Socio-economic development programmes and International Conferences on various themes of Global literature, culture, polity, personality development and social thought.
- With a focus on a classroom-to-field strategy, FoHSS often provides internships and field experience with well-known NGOs and human rights organizations. The department uses a Choice-Based Credit Course approach to provide students with a wide selection of courses across several disciplines. It also offers top-notch research facilities to its teachers and students.

Programs Offered

- B.A.(Hons.) in English
- B.A. (Hons.) in Political Science
- B.A. (Hons.) in Sociology
- B.S.W. (Bachelor of Social Work)
- MA (English)
- MA (Political Science)
- MA (Psychology)
- MA (Sociology)
- MA in Public Health
- Ph.D

**"CULTIVATION OF MIND SHOULD BE THE ULTIMATE AIM OF
HUMAN EXISTENCE."**

-DR. B.R. AMBEDKAR



Workshops and Public Awareness Campaigns

The Youth Counseling Centre (Q-Club), Faculty of Humanities and Social Sciences, SRMU, Lucknow-Deva Road has organized one day sensitization workshop on 'Health Promotion focusing Mental Health & Life Skills among Youth' of the SRMU (1st Year Students of LLB, ILS) on August 28, 2023. The workshop was held at SRMU in association with State Innovations in Family Planning and Services Project Agency SIFPSA, Lucknow. The aim of the workshop was to spread awareness on various mental health issues of the youth being influenced from the popular culture.

20

Publications

12

Book Chapters

1

MOU

12+

Workshop

2

FDP/Guest Lect.

1

Ph.D. Awarded

Lecture, Research Highlights, and Departmental Activities

- Lectures have been delivered at various platforms by the faculty members.
- Our department has research paper publications in both peer reviewed and UGC-Care listed journals.
- Several Paper presentations in conferences by our faculty members.



The Youth Counselling Club center (Q Club)/Health Club/NSS and Public Health Faculty of Humanities and Social Sciences has organized a Poster Competition on "Youth for Change: Youth Sexual and Reproductive Health Rights" under SIFPSA-NSS project on 23 February 2024.



Star Achievers



Jyoti Verma qualified UGC-NET exam on 26 February 2024 in Sociology. She was mentored and taught by Dr. Shweta Shukla, Associate Professor at the Department of Humanities and Social Sciences.



Sakshi Gupta, student of BSW has completed 30 day paid internship on Education from Literacico India Foundation. She was mentored and taught by Dr. Afiya Bano, Assistant Professor at the Department of Humanities and Social Sciences.

FACULTY OF PHYSICAL SCIENCES FACULTY OF CHEMICAL SCIENCES FACULTY OF MATHEMATICAL & STATISTICAL SCIENCES



The foundation for faculty of Physical Science, Faculty of Chemical Sciences and Faculty of Mathematical & Statistical Sciences was laid down in 2012.

It is a fully equipped department in addition to a rigorous curriculum; the department offers a vibrant environment for students.

The course structure of all courses of the department ensures high employability of students and every year course structures used to get updated under the supervision of external experts .

The Centre of Shri Ramswaroop Vedic Vigyan Evam Navachar Kendra is run by Faculty of Mathematical & Statistical Sciences. The Centre head is Prof(Dr.) Kulbhusan Singh

Programs Offered

- B.Sc. (H) in Physics with Mathematics, Chemistry, Statistics
- B.Sc. (H) in Chemistry with Mathematics, Physics, Biology.
- B.Sc. (H) in Mathematics with Physics, Chemistry, Statistics.
- M.Sc. In Mathematics
- M.Sc. in Statistics
- M.Sc. in Physics
- M.Sc.in Chemistry
- Ph.D. in Mathematics (Pure and Applied)
- Ph.D. in Physics
- Ph.D. in Chemistry
- Certificate Course in Vedic Mathematics
- Lab Based Certificate Course on Statistics Lab-I
- Lab based certification course on Food Chemistry

**“EQUIPPED WITH HIS FIVE SENSES, MAN EXPLORES THE
UNIVERSE AROUND HIM AND CALLS THE ADVENTURE
SCIENCE.**

-EDWIN POWELL HUBBLE



Conference Details

Three-Day International Conference on Advancements in Natural Sciences: Vedic to Modern Era-24 was jointly organized by all three departments, on February 22-24, 2024 in collaboration with Shri Jagdish Prasad Jhabarmal Tibrewala University, Jhunjhunu, Rajasthan. The event featured 110 invited lectures on diverse topics in Mathematics, Physics, Chemistry and Vedic Sciences, and oral presentations by young researchers.

31+

Publications

2

Book Chapters

6

Patents

1

Conferences

6

FDP/Guest Lect.

3

Ph.D. Awarded

Institute Highlights

National Science day was celebrated collaboratively by INSH and IBST on 28th February on the occasion of the birthday of Dr. C. V. Raman.

The Faculty of Physical Sciences hosted a lecture on 'India's Mission to Moon: Chandrayaan-3' by Prof. Kaushalendra Chaturevedi on September 1, 2023.



The Faculty of Chemical Sciences Launched a Lab based Certificate course on "Food Chemistry on 11-13 July 2024.

The Faculty of Mathematical Sciences hosted a guest lecture on 'Dive into the depths of the timeless epic, Ramayan: Ek Vyagyanik Dristikon', with Dr. Prem Shankar Tripathi.



Star Achievers

Mr. Shubham Gupta, B.Sc. (H) Physics, qualified IIT JAM 2024 and CUET and took admission in Central University of Haryana in M.Sc. Physics.



Two students of B.Sc.(H) Mathematics qualified IIT-JAM and Three students qualified CUET-PG (2024) .

Two students of B.Sc.(H) Chemistry qualified IIT-JAM -2024 organized by IIT Madras with excellent scores.

Research Publications, Conferences and Innovation

- **Krishna Srivastava**, Abhishek Srivastava, **Ram Prakash Tiwari**, Amit Tripathi, **Sreenivasulu Peta** and Manoj Verma, published a paper on topic “A facile synthesis, characterization and biological evaluation of novel spiro-thiazolidinone and quiazolinone-thiazolidine derivatives”. NIScPR Online Periodicals Repository, 62(7), 770-779. (ISSN: 2583-1321) in 2023.
- R. Kumar, S.K. Maurya, A. Errehymy, K.Myrzakulov, Z. Umbetova, **V.N.Pathak** published a paper on “Anisotropic model stellar objects in Modified f(R) gravity” in Chinese Journal of Physics,(IF-4.6)
- **V.Verma and Vimlesh** published a paper on “The Influence of Media Campaigns Efforts to Control Population Pressure and Conserve Forestry Resources: A Modeling Study” in International Journal of Applied and Computational Mathematics 2023.
- **Mukesh Mishra** published a book chapter titled “Liquid Crystal Nano-Particle Composites – Display Applications” in Futuristic Trends in Chemical, Material Science & Nano Technology, highlighting advancements in display technologies and nanotechnology.
- **Dilip Kumar Jaiswal**, Arun Dubey, Gulrana and Premlata Singh published a paper on Solute transport with decay type input source in one-dimensional heterogeneous medium: Analytical solution, Accepted in International Journal of Hydrology Science and Technology (Inder Sci. Pub.-SCI).
- Rama Nand Mishra, **Akhilesh Kumar Mishra**, **Kulbhushan Singh**, published a paper on Construction of a Spline Function With Mixed Node Values in JOURNAL OF MECHANICS OF CONTINUA Vol 19,2024.
- SR Verma, **V Verma**, R Pathak, M Agarwal, R Naresh, published a paper on Influence of media campaign efforts to control spread of COVID-19 pandemic with vaccination: A modeling study, Computational and Mathematical Biophysics, 2024.



- **Dr. Vimlesh** Published a book “**An Introduction on Differential Calculus**” with ISBN: 978-936256953.
- **Dr. Krishna Srivastava** and **Dr. Pragati Tripathi** published a **patent** on 4th August 2023 for an invention entitled “A process for preparing piperazindium-bis[(Z)-4-(4-(1H-benzo[D]imidazole-2-yl)ethylidene)-2-benzoyl-5-oxo-4,5 dihydroimidazole-1-yl)benzoate and its composition thereof” with patent no 528664.
- **Dr. Krishna Srivastava** and **Dr. Ram Prakash Tiwari** published a **patent** entitled “Heterocyclic compounds and method of preparation thereof” on 7th July 2023 with application no. 202311039777.
- **Dr. Akhilesh Kumar Mishra** was granted a **patent** on CARBON EMISSION CONTROLLER CHAMBER in 2023- 24.
- **Dolly Kumari**, **Gulab Singh Maurya**, Radhika Singh, published a paper on “Coupled pretreatment of rice straw with dairy wastewater and ultrasonication for biofuel production using mixed microbial source”. Bioresource Technology Reports in 2023.



Awards and Recognitions

Dr. Saheen Fatima, **Dr. Omendra Mishra** and **Dr. Divyanshi Srivastava** was awarded **first prize** in ‘**Teaching, Learning and Excellence**’ Category at **Institute level** on 26th January, 2024,

Dr. Vinay Verma was awarded **First prize** in ‘**Research and Excellence**’ Category at **Institute level** on 15th August, 2023.

Dr. Divyanshi Srivastava was felicitated with ‘**Research and Excellence**’ award at Harmony 2k23 on 23rd October, 2023.

INSTITUTE OF PHARMACY



The Institute of Pharmacy was founded to promote teaching and research in the field of pharmaceutical sciences by offering a top-notch environment with cutting-edge and captivating teaching strategies, internationally recognized curricula, top-notch staff, and significant research collaborations.

Four Books Published [Syllabus oriented], Ten Patents Granted/ Published, One Copyright got published, three MOUs were signed.

The institute frequently hosts eminent talks by scientists from throughout the country and around the world in addition to faculty development programs, industry visits, field trips, and internships.

Institute of Pharmacy achieved the top position by delivering unprecedented results in record time in Harmony 2k23.

Programs Offered

- Diploma in Pharmacy
- Bachelor in Pharmacy
- Multidisciplinary PhD

Student oriented activities

- Industrial visits for B.Pharm and D.Pharm students are conducted for each semester and specifically focused over parenteral products manufacturing industries.
- Students are motivated to participate and present the research works at national and international conferences.

“LIVE AS IF YOU WERE TO DIE TOMORROW. LEARN AS IF YOU WERE TO LIVE FOREVER.”

-MAHATMA GANDHI



Conference

One-Day International Symposium was conducted on “Invest in women: Accelerate progress” to achieve economic empowerment, education & skill development, health & well-being, policy & advocacy, technology & innovation. The day ended with inspiring words from Dr. Vandana B. Patravale and other experienced speakers, reminded participants that investing in women is not just a moral imperative but a strategic necessity for global progress. The symposium underscored a collective commitment to accelerate efforts toward gender equality, with the understanding that empowering women ultimately benefits society as a whole.

30

Publications

17

Book Chapters

10

Patents

1

Conferences

6

FDP/Guest Lect.

15

Ph.D. Pursuing

Institute Highlights

- World Pharmacist day was celebrated collaboratively by students of IOP on 25th September. On this occasion, students conducted plantation, poster presentation, paintings and extempore to remark the importance of pharmacist.
- Frequent visits to national level laboratories at CDRI, CMAP and NBRI are conducted for better research exposure of students and faculties.



Guest Lecture and Workshop

Institute of Pharmacy in collaboration with CytoGene Research & Development, conducted a guest lecture and workshop over the topic “DNA Fingerprinting: A boon to Forensic Science”. The sessions created deep understanding of DNA fingerprinting techniques and also highlighted their critical role in forensic investigations, enhancing the accuracy and reliability of criminal justice processes.

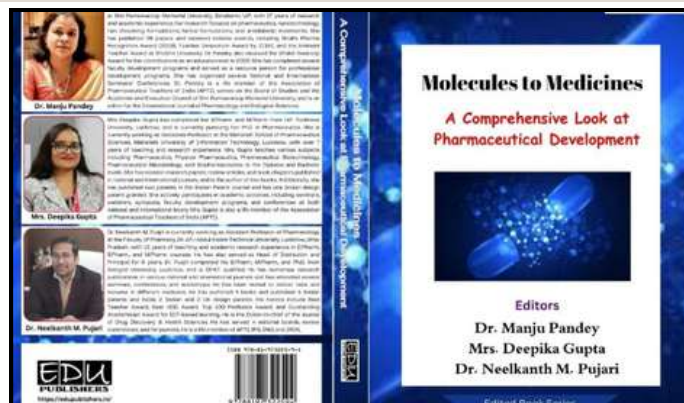


Social Awareness Program

Institute of Pharmacy explored key topics such as personal hygiene, nutrition, and preventive health measures, empowering participants to make informed decisions that positively impact their lives and communities. The engaging discussions and activities highlighted not only the significance of these practices but also the collective responsibility we share in promoting a healthier environment.

Research Publications, Conferences and Innovation

- **Prof.(Dr.) Manju Pandey** published a book on “Molecules to Medicines”.
- **Prof.(Dr.) Manju Pandey and Ms. Sarita Singh** published an article on the topic “Microneedles: A newer approach in NDDS in the management of Wound healing” and Exploring Annona squamosa (Custard Apple): Nutritional Insights and Therapeutic Potential in Disease Management in the journal YMER, 2023.
- **Prof. (Dr.) Manju Pandey, Dr. Shikha Srivastava, Ms. Sarita Singh and Ms. Sanchalika Mishra** published a book chapter on the topic “Nanopoxia: Antimonene-Based Nanoplatform Targeting Cancer Hypoxia for Precision Cancer Therapy” in a published book “Smart Nanomaterials Targeting Pathological Hypoxia”, 2023.
- **Dr. Shikha Srivastava** published a book article over the topic “Guggul: Potency and Mechanistic Insight for Tremendous Therapeutic Benefit” in the journal Current Traditional Medicine, June 1, 2024 and Skin Cancer: An Insight on its Association with Aging, Pathogenesis and Treatment Strategies in Current drug research reviews, 2024.
- **Dr. Sunil K Singh** published a research article over the topic “Ex vivo Antiplatelet and Thrombolytic Activity of Bioactive Fractions from the New-Fangled stem buds of Ficus religiosa L. with simultaneous GC-MS Examination”, in journal Molecules, 2023.
- **Dr Yasmin Khatoon** published an article over the topic “A comparative study on antiulcer role of tinospora cordifolia and spinus wallichiana in cold restraint stress model”, Eur. Chem. Bull.



- **Ms. Sarita Singh, Dr. Manju Pandey, Mr. Ajeet Singh** published an International (UK) patent over “Intracardiac oximeter for diagnosis of heart disease”, March 2024. Mr. Ajeet Singh published an Indian patent “Novel neuro- protective agents mitigating acute cerebral ischemia/reper- fusion injury”, January 2024.
- **Ms. Apurwa Singh** published an Indian patent on the topic “Fast Disintegrating Tablets For Restoration of Immunity”.
- **Mr. Abhishek Kumar** published a book chapter on the topic “The Development of Nanomaterials for the Regulated and Sustained Delivery of Medications for Future Health and Research” and “The Importance of Nanomedicine and Its Prospects for the Public Health and Research Fields in the Present and Future” in IGI Global publications, 2024. He published a book “A text book of Pharmaceutical Engineering”, BOOOK RIVERS publications in 2024.
- **Ms. Sarita Singh** published a book on “Pharmaceutics- I Textbook” at Blue Rose Publications, September 2023.

Awards and Recognitions

- Adnan Khan, Arya Tripathi and Soumya Srivastava of B. Pharm IIIrd Year won 1st Prize in Vision A Thon SRMU, 2023.
- Aniket Nigam, Adnan Khan, Arya Tripathi, Anubhav Pandey, Saksham Singh were selected for zonal championship at IIT Delhi.
- Mohd. Amir, B.Pharm of IIIrd year won 1st Prize in Open Mic at BBD University and 1st Prize in Madhurima (IIT BHU).
- Aman Singh, D. Pharm of IIrd Year won 1st prize in strongest man in Lucknow.
- Research excellence award received by Sarita Singh on 15th August 2023 at SRMU.
- Dr. Shikha Srivastava won IIIrd position in the Research excellence award at University level on 15th August 2023.
- Innovative Teaching award received by Ms. Pragati Singh on 26th January 2024.



INSTITUTE OF LEGAL STUDIES



Institute of Legal Studies has flourished and moved several milestones including 12 Ph.D.s awarded in a single year.

- A Patent has been granted to Prof. (Dr.) Rohit P. Shabran for 'A smart law service providing system for selecting lawyer based on leading case information.'
- Our Institute has welcomed and incorporated the new criminal laws as passed by the Parliament, and also conducted several Guest Lectures to make possible for the students to better understand the statements and objects of the law.
- Two Virtual National Moot Court has been conducted with over 50 Universities and Colleges participating. Students were also given better guidance through Trial Advocacy.
- Under the mandate of Bar Council of India, the Institute is offering Free Legal Aid, through its Legal Aid Cell to all the needy people of the area.
- Institute is also progressing consistently with the faculties involved in publication in SCOPUS indexed journals, as well as in Faculty Development Programmes for nurturing their overall development and coping to the new education policy.

Programs Offered

- Ph.D. in Law
- LL.M. (Criminal and Security Law) {One Year}
- LL.M. (Constitutional and Administrative Law) {One Year}
- LL.M. (Corporate and Commercial Law) {One Year}
- LL.M. (International and Comparative Law) {One Year}
- Integrated BBA LL.B. (H) {5 Years}
- Integrated BA LL.B. (H) {5 Years}
- LL.B. {3 Years}

**"EDUCATION IS THE KINDLING OF A FLAME, NOT THE FILLING OF A VESSEL."
— SOCRATES**



Second National Moot Court Competition

Committing to our legal phenomenon, Institute of Legal Studies has successfully completed its 2nd Virtual Moot Court Competition on 23rd April, 2024 & from 25th to 27th April, 2024.

11

Publications

7

Book Chapters

1

Patents

2

Conferences

6

FDP/Guest Lect.

12

Ph.D. Awarded

Institute Highlights

Books Published

Dr. Prashant Kumar Srivastava published a book 'Cartoon Conspiracy and Right to Freedom of Speech and Expression.'

Ms. Akanksha Tiwari has published a book 'Changing Contour of Indian Patent Regime - Effect on the Pharmaceutical Industry.'

Legal Aid camp has been organised on National Lok Adalat Day. Alongwith visit to High Court of judicature Lucknow Bench.



Guest Lecture

The Institute of Legal Studies has organised Guest Lecture on the topic 'Bhartiya Sakshya Adhinyam 2023: An analysis'.

The Institute also organised Guest Lecture on 'Legal Realism: The American and the Scandinavian Experience'.



Other Achievements

- Eleven Students selected in Judiciary Examination
- One student qualified UGC-NET
- One student qualified in UGC-JRF
- One Patent granted to Prof. (Dr) Rohit P. Shabran.
- Dr. Mahendra Kumar awarded the Best Teacher's Innovation Award.
- Institute has conducted Two Virtual National Moot Court Competitions and One Trial Advocacy.

INSTITUTE OF MEDIA STUDIES



The Mass Communication Department typically stands out for its dynamic programs, practical training, and media-focused initiatives.

- **Diverse Specializations:** Offers courses in journalism, public relations, advertising, digital media, film studies, and media management.
- **Integration of Theory & Practice:** Blends academic knowledge with practical skills in media production, storytelling, and communication strategies.
- **Modern Studios & Labs** equipped with cutting-edge technology, including TV and radio studios, digital editing suites, and soundproof recording rooms.
- **Hands-on Experience:** Students learn to work with professional-grade cameras, editing software, and broadcasting tools.
- **Industry Professionals:** Faculty with years of experience in journalism, advertising, broadcasting, and digital media.

Programs Offered

- B.A. in Journalism & Mass Communication
- M.A. in Journalism & Mass Communication
- Ph.D

Students oriented activities

- **Guest Lectures & Workshops:** Regular sessions with leading media personalities and industry experts.
- **Internships & Placements:** Partnerships with top media houses, advertising agencies, PR firms, and digital marketing companies.
- **Networking Opportunities:** Alumni networks and industry events help students connect with professionals.
- **Campus Newspapers & Radio:** Opportunities to write, edit, and produce content for student-run newspapers, radio stations, or TV programs.

“NOTHING IN LIFE IS TO BE FEARED; IT IS ONLY TO BE UNDERSTOOD. NOW IS THE TIME TO UNDERSTAND MORE, SO THAT WE MAY FEAR LESS.”

-MADAM CURIE



Workshop Details

On the occasion of International Women's Day, March 06, 2024, the Institute of Media Studies of Shri Ramswaroop Memorial University organized a Workshop on the topic 'Opportunities and Challenges for Female Journalist in Present media Scenario'. The founder and senior journalist of Ulta chasma, Mrs. Pragya Mishra had graced the occasion with her remarkable Workshop. During Workshop she explained the contemporary landscape for female in journalism.

12

Publications

2

Book Chapters

1

FDP

3

Workshop

5

Guest Lect.

12

Ph.D. Pursuing

Institute Highlights

A remarkable moment of the 'Creative Writing Workshop' organised by the Institute of Media Studies with the collaboration of the Golden Pen Club of SRMU at B-4 CCD, Ground Floor. Creativity is like the brain's invisible muscle that, when used and exercised routinely, becomes better and stronger. In such a sense, participants dove into the world of words, unleashing their creativity and honing their writing skills.



FACULTY DEVELOPMENT PROGRAM

Institute of Media Studies had organised an online faculty development program. More than hundred faculties and research scholars from different schools of study participated in this program. Expert speakers from different central universities shared their knowledge on various aspects of new media Technology.

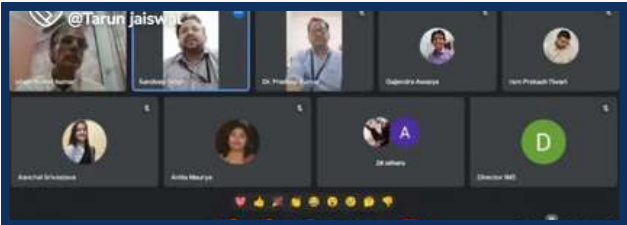
लखनऊ। एआई के आने से मीडिया के क्षेत्र में बड़े बदलाव की संभावना है। कारण, न्यूजरूम में एआई का दखल दिन प्रति दिन बढ़ता जा रहा है। यह बातें, आईआईटी पटना की सीनियर रिसर्च फेलो ज्योति भगत ने श्री रामस्वरूप मेमोरियल विश्वविद्यालय के इंस्टिट्यूट ऑफ मीडिया स्टडीज द्वारा प्रातःभाषण का स्वागत करते हुए इंस्टिट्यूट ऑफ मीडिया स्टडीज की वरिष्ठ प्राध्यापिका डॉ० मिली सिंह ने कहा कि मीडिया ने तकनीकी को हमेशा ही अपनाया है, ऐसे में एआई तकनीकी की स्वीकार्यता स्वभाविक है और मीडिया में एआई के प्रयोग विषय पर चर्चा इसी का हिस्सा है। सात दिवसीय इस ऑनलाइन फैकल्टी डेवलपमेंट प्रोग्राम में

लखनऊ। श्री रामस्वरूप मेमोरियल विश्वविद्यालय के इंस्टिट्यूट ऑफ मीडिया स्टडीज द्वारा 'रिश्म' में न्यू मीडिया तकनीकी के अनुप्रयोग' विषयक सात दिवसीय ऑनलाइन फैकल्टी डेवलपमेंट प्रोग्राम का शुभारम्भ रविवार को किया गया। गुगल मीट पर आयोजित इस फैकल्टी डेवलपमेंट प्रोग्राम में पहले दिन अक्षा के रूप में लखनऊ स्थित आर्य समाज परिसर एवं अखिलेश्वर विश्वविद्यालय के जनसंचार एवं पत्रकारिता विभाग के सहायक प्रोफेसर डॉ० अश्विनी कुमार सिंह की अध्यक्षता में

अनुप्रयोग पर शुरू हुई चर्चा
निर्माण किया है। जिसमें पत्रक ड्राफ्टिंग सुचनाओं का अद्यतन-प्रदान कर पाना संभव हो गया है। इसके अलावा डिजिटल और मल्टीमीडिया प्रस्तुतीकरण के साथ, वैश्विक पहुँच और आमदनी से सम्बन्धी श्रेय करने की सुविधा ने इसे सबसे लोकप्रिय माध्यम बना दिया है।

इस मौके पर श्री रामस्वरूप मेमोरियल विश्वविद्यालय के चान्सेलर डॉ० फंकाज अजयनारायण शर्मा की अध्यक्षता में एक

स्टूडेंट्सइन्फार्मेटर डॉ० प्रकाश चन्द मिश्रा ने किया। सात दिवसीय इस ऑनलाइन फैकल्टी डेवलपमेंट प्रोग्राम में अगले छ दिनों के कार्यक्रमों में मीडिया में आर्टिफिशियल इंटेलिजेंस का उपयोग, रिश्म में न्यू मीडिया तकनीकी के उभरते आगम, गुगल सर्च के तरीके, साहित्य सर्वेक्षण के ऑनलाइन स्रोत, रिश्म सागरी ने अनुवाद में तकनीकी का प्रयोग, फैकल्टी को पहचानने के तरीके पर देश के प्रतिष्ठित विश्वविद्यालयों से विषय विशेषज्ञों द्वारा व्याख्यान और प्रश्नोत्तर

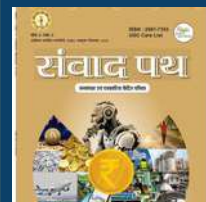


Selected Research Papers



Shodshiksha ka digital parivartan: lucknow me covid 19mahamari ke dauran ICT ki bhumika.

Digital duniya me laghu smachar patra: Lucknow me rujhan, chunoutiya aur ranneetiya.



Bahuri nahi awna sanskriti par sanchar madhyamo ka prabhaw january - march ugc- care listed page no- 253 ISSN NO-2320-7604 .

INSTITUTE OF AGRICULTURAL SCIENCES AND TECHNOLOGY



- Institute of Agricultural Sciences and Technology, is committed to sustainable agriculture and focuses on producing skilled manpower related to agricultural Sciences.
- Students gain practical knowledge by practical crop production, Student Ready (Rural Entrepreneurship Development Yojana) approach comprising Experimental Learning/ Hands down Training, Skill Development Training, Rural Agriculture Work Experience (RAWI) incorporating field Training/ Industrial Attachment, etc. With its cutting-edge facilities and infrastructure.
- IAST offers an ideal teaching and learning environment that has drawn students from all over the world. Students' worldviews and perspectives are greatly enhanced when they actively participate in extracurricular and cocurricular activities as well as community service.
- Our teaching-learning approaches are characterized by a regular curriculum renewal process that incorporates best practices and ongoing evaluation of student learning results. By offering an educational setting that encourages innovation and best practices, we prepare our students for success in a highly competitive global marketplace.

Programs Offered

- B.Sc. (Hons) Agriculture
- M.Sc. Horticulture (Fruit Science)
- M.Sc. Horticulture (Vegetable Science)
- MBA in Agribusiness Management
- Ph. D.
- Three new courses have been launched by the IAST, SRMU during 2024 viz. MBA-ABM, M.Sc. (Ag.)-Fruit Science, M.Sc. (Ag.)-Vegetable Science. In the upcoming years, more number of courses will be offered in Master's and Doctoral degree Programmes.

**"KNOWLEDGE IS THE TRUE ORGAN OF SIGHT, NOT THE EYES."
-DR. AMARTYA SEN**



Guest Lectures

The IAST organized two guest lectures on “Job opportunities in Animal Husbandry” and “Use of biotechnological tools in crop improvement” along with Varta with gram pradhan from Village Basti, Banki, Barabanki. These guest lectures were organized to promote students in imbibing knowledge related to agriculture and allied sectors and the job vacancies.

15

Publications

14

Book Chapters

1

Patents

1

FDP/workshop

2

Guest Lect.

8

Edited Book

Institute Highlights

Practical Crop Production

Crop planning, raising field crops in multiple cropping systems: Field preparation, seed, treatment, nursery raising, sowing, nutrient, water and weed management and management of insect-pest diseases of crops, harvesting, threshing, drying winnowing, storage and marketing of produce.



RAWE & AIA-The Rural Agricultural Work Experience

(RAWE) program is important for agricultural students because it provides practical experience and helps them develop skills and confidence.

Entrepreneurship awareness. Students gain awareness of rural entrepreneurship and are prepared for self-employment.

Problem-solving skills-Students develop the ability to diagnose and solve problems related to agriculture .



Star Achievers

Abhishek Mishra , B. Sc. (Hons) Agriculture qualified UPCATET 2024 and got admission in M.Sc. (Ag) Economics in ANDUA&T Kumarganj Ayodhya.



Aditi Rai B. Sc. (Hons) Agriculture qualified UPCATET 2024 and got admission in M.Sc. (Ag) Animal Dary in CSAUA&T Kanpur.

Shashank Mani B. Sc. (Hons) Agriculture qualified NSI 2024 and got admission in PG- Diploma in NSI Kanpur



Nine Students of B.Sc (Hons) Agriculture had qualified PG (2024) and 24 Students got placed in campus.

INSTITUTE OF MANAGEMENT COMMERCE AND ECONOMICS



Institute of Management, Commerce & Economics has highly motivated faculties with P.hd. & UG from reputed universities having passion for research & teaching; self-motivated for development & improvement of the department & students.

The Institute tirelessly works to upgrade the academic ambience of which is reflected in terms of publication of peer reviewed research papers, MoUs, FDPs, Books Published etc.,

Guest lectures with eminent personalities for students on regular basis.

Department Clubs exist with focus on overall development in Marketing, HR, Finance, IB, Economics, IT.

Students have reached pinnacle in placements after the collaboration of **IBM** in **PG & UG Programs**.

Programs Offered

- Ph. D. - Management
- MBA
- MBA – Business Analytics - IBM
- MBA – Healthcare & Hospital Management
- B.B.A
- B.B.A. (Business Analytics) – IBM
- B.B.A. – Digital Banking & Fintech
- B.A.(Hons.) – Economics

**"IF I HAVE SEEN FURTHER, IT IS BY STANDING ON THE
SHOULDERS OF GIANTS."**

-ISAAC NEWTON



National Seminar

A National Seminar was organized by Institute of Management Commerce & Economics April 30, 2024. The topic of seminar was “**Universal Human Values in Higher Education**”.

27

Publications

4

Book Chapters

2

Conferences

11

FDP/workshop

9

Ph.D. Awarded

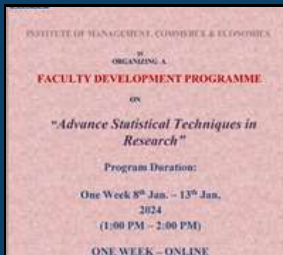
Institute Highlights

National Seminar

National Seminar was organized on **World Water Day** - March 22, 2024. Topic was Accelerating Sustainable Development through Water Innovation & Solutions.



Tindola, Uttar Pradesh, India



Online Faculty Development Program on “Advance Statistical Techniques in Research” was organized from Jan 8 - 13, 2024.

Faculty Development Program on “Hands on Data Analysis through (R) in Research” was organized from Jan 15 – 23, 2024.



Star Achievers

Dr. Manoj Kumar was awarded ‘Research Excellence Award.’



Dr. Amir Eijaz was awarded ‘Research Excellence Award.’

Dr. Veena Singh was awarded ‘Innovative Teaching and Learning Award.’



INSTITUTE OF EDUCATION AND RESEARCH



Institute of Education and Research is known for transforming, training, empowering and facilitating self-growth, self-worth and actualization of potentialities of the pupil teachers.

One of the best practices of the Institute is **Growing Within: Nurturing the inherent potentials of students, enabling and empowering them to carve their own unique paths.**

The Institute has effectively been transforming its pupil teachers into resourceful shapers of the future of tomorrow since, **2016.**

The Institute has continuously been making efforts to strengthen ties with the communities like NSS, Camping of Bharat Scouts and Guides, Community Development Programmes, Educational Excursions and Field Visits etc.

The **faculty members** published ample number of research papers and continuously excel with the pace and demand of time and tide by taking part in induction and orientation Programs, Refresher courses, Conferences, Faculty Development Programs, Symposium, Seminars and Workshops.

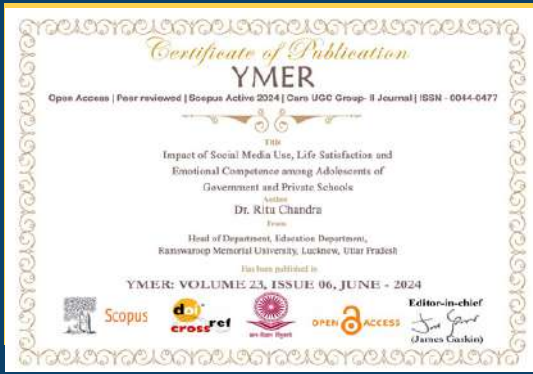
Programs Offered

- B. Ed.
- M. A. (Education)
- Ph. D.

The Institute believes in adopting quality management strategies in all academic and administrative aspects and always strive to promote value-based education, social responsibilities and good citizenry with the aim “Chase Reality, Dreams Will Follow”.

“I KNOW THAT YOU DO NOT KNOW BUT YOU DO NOT KNOW THAT YOU DO NOT KNOW”

-SOCRATES



Publications

Prof. (Dr.) Ritu Chandra, Dr. Ashish Kumar Awasthi and Dr. Rashmi Chaturvedi have published their Papers in UGC Care listed journals.

Dr. Gyan Prakash Srivastava and Dr. Sandeepa Kaur have published their chapters in the books of repute with ISBN Number.

10

Publications

02

Book Chapters

08

FDP/ Guest Lectures/ Short Term Course

01

Conference

06

FDP/Guest Lect.

01

PhD Awarded

Institute Highlights

Participation in MMTTC

Dr. Gyan Prakash Srivastava, Dr. Sandeepa Kaur and Dr. Ashish Kumar Awasthi have successfully completed NEP 2020 Orientation and Sensitization Programs, FDP, Short Term Course and Faculty Induction Program of MMTTC.



Star Achievers



Avni Verma has been selected as an Assistant Teacher of Science in City Montessori School, Lucknow.

Dhruv Agarwal has enrolled in the Ph.D. in NIT, Shillong, Meghalaya.



Sarika has been placed in Gramyanchal Public School, Haidergarh, Barabanki.

INSTITUTE OF ARCHITECTURE AND PLANNING



- To meet out the current demand of qualified **Architects and Interior Designers** for the population of the country to create the better and sustainable built environment, SRMU started “**Institute of Architecture and Planning (IAP)**” in the year 2017 and became one of the most dynamic and important part of university. IAP offers Bachelor in Interior Design (B.I.D.).
- Professional **Development Programmes, Orientation Programmes, Dialogues Series, Industry Guest Lectures, Workshops** and **Conferences** are organized for the comprehensive development of our faculty to sharpen their knowledge, and to establish link with their academic and industry peers.
- **Design Competitions:** Participation in national and international architecture and planning competitions.
- The institute aims at producing future **Interior Designers** who are able to handle real life situations in a better and effective way.

Programs Offered

- Bachelor in Interior Design

Students oriented activities

- Internships and Placements: Opportunities with leading architecture and planning & Interior firms.
- Strong alumni network with successful graduates.
- Community outreach programs promoting architecture and planning awareness.
- Campus events, exhibitions, and cultural activities.

“THERE ARE 360 DEGREES, SO WHY STICK TO ONE?”

-ZAHA HADID



Workshop Details

“Johnson tile & Sanitary fittings”

Participants equipped with the knowledge, skills, and best practices in tile types, laying and sanitary fitting to enhance their expertise in bathroom and kitchen installations.

The outcome provides a comprehensive overview of the knowledge, skills, and practical experience gained by participants during the workshop. It also highlights the assessment methods, certification, and follow-up support to ensure participants' continued growth and development.

1

Book Chapters

2

Conferences

2

FDP/Guest Lect.

Institute Highlights

Books Published

Ar. Amod C Katiha, H.o.D. , IAP has published a book on Srimad Bhagvat Gita ‘Yathabhva’.

Ar. Amod C Katiha, H.o.D. , IAP has been awarded by university for ‘Teaching Learning Innovation Award’.



Site visit/Market survey

B.ID 2nd year students visited several material showroom/shops to enhance their field & material knowledge.

B.ID 3rd year students visited “U P SANGEET NATAK AKADEMI” for a case study to enhance their acoustical material knowledge used in auditoriums/conference room.



Educational tour/Cultural activities

“SITE SEMINAR” to acknowledge the beautiful “ Frog Temple” Lucknow.



B.ID & B.Arch students participated in different cultural events “Bamboo Tech/ Clay Modelling” and secured First & Second position at University level.

Students participated in the model making making and sketch related workshop “Study of historical building - The Residency complex, Lucknow”.

SRMU POLYTECHNIC



- SRMU Polytechnic is a self sustaining department as diploma courses provided here are practical and can help students enter the workforce sooner.
- MoU was signed between **Shri Ramswaroop Memorial University** and **Tata Motors Ltd Lucknow** for the period of five years .
- **Er. Rohit Singh** ,Faculty of Mechanical Engineering (Diploma) had received Best Paper Presentation Award at Two days National Conference on Innovative Trends in Engineering and Management. Topic Title : Effect of ZnO Nano particles on performance of CI Engine Fueled with Neem Biodiesel and Diesel blends.
- It was a prestigious moment for SRMU Polytechnic as more than 95% of the students got placed in esteemed companies of India of their respective fields.

Programs Offered

- Diploma in Civil Engineering
- Diploma in Mechanical Engineering (Automobile and Production)
- Diploma in Computer Science and Engineering
- Diploma in Electronics Communication and Engineering
- Diploma in Electrical Engineering
- Diploma in Biomedical Engineering
- Diploma in Electric & Hybrid Vehicles
- Diploma in Renewable Energy

"THE FUTURE OF INDIA LIES IN ITS CLASSROOMS."

— DR. S. RADHAKRISHNAN



MoU with Tata Motors

MoU has been signed between Shri Ramswaroop Memorial University and Tata Motors Ltd Lucknow for the period of 05 years for imparting Diploma in Mechanical Engineering to their own employees having 10+ITI qualifications.

This initiative will bridge the skill gap , also help students gain the advanced skills that industries need, while also building on their basic education.

31

Publications

2

Book Chapters

2

Patents

1

Conferences

6

FDP/Guest Lect.

1

PhD Awarded

Institute Highlights

Books Published

Er. Sushant Bhatt, published a book chapter, titled “Artificial Intelligence-based Solar Powered Robot to Identify Weed and Damage in Vegetables”.

Er. Rohit Singh published a patent on the topic : A portable system for transesterification process for biodiesel production.



Guest Lecture

Guest lecture on “Industry 4.0: Journey towards the fourth industrial revolution” delivered by Dr. Kamlesh Tiwari, organized by Mechanical Engineering Department,



Star Achievers

Shreya Pratap third year student presented project prototypes of a drone to spray pesticides in field.



Shashwat Pratap Singh Student of Mechanical Engineering (Automobile) secured second position in Powerlifting Championship.

Hrithik Raj Khare participated in Astrophotography event at IIT BHU



INSTITUTE OF PHARMACEUTICAL SCIENCES



- Institute of Pharmaceutical sciences is a newly established institute in the year 2023.
- Faculties of Pharmaceutical Sciences has been granted two patents, published two books and three review papers and participated in around fifteen FDP's.
- Institute conducted monthly guest lecture for students.
- Institute conducted student counselling sessions on a regular intervals.
- **Ms. Anshika Pandey, Ms. Safa Marwa Ms. Itee Pandey and Mr. Raghendra kumar yadav** had attended FDP related to Pharmaceutical Sciences.

Programs Offered

- Bachelor in Pharmacy
- Diploma in Pharmacy

Research Profile

- **Prof. (Dr.) Amit Kumar** has published a patent over the topic "smart transdermal patch for monitoring of type 2 diabetes.
- **Prof. (Dr.) Amit Kumar** has published a book on Pharmaceutics - I.
- **Ms. Anshika Pandey** has published a patent over the topic "High speed compact apparatus for separation of bioactive compound".

LEARNING GIVES CREATIVITY, CREATIVITY LEADS TO THINKING, THINKING PROVIDES KNOWLEDGE, AND KNOWLEDGE MAKES YOU GREAT

- DR. A.P.J ABDUL KALAM



EXPRESSIONS CLUB

UNIVERSITY CLUBS

Our university is home to a vibrant community of students, and at the heart of it all are 19 clubs that offer exciting opportunities to learn, grow, and connect. University clubs are student-led organizations that provide opportunities for socializing, skill-building, and pursuing shared interests. They range from academic and professional groups to cultural, recreational, and special-interest clubs.

Find your passion, build your community



SURJHANKAR CLUB

These clubs foster community, leadership, and personal growth, helping students connect, network, and explore passions outside the classroom, enhancing their overall college experience.



TECHFUSION CLUB

Major clubs

Among these nineteen clubs, there are clubs like Golden Pen, Srijan, snapshots, Ozone, etc that helps develop academic, professional, cultural, recreational, and special-interest in students.



BEAT THE BEATS CLUB



RAZZMATAZ CLUB

SRMU SPORTS

SRMU offer top-notch sports and recreational facilities, covering a range of indoor and outdoor activities such as chess, carrom, badminton, tennis, basketball, volleyball, football, and cricket. The campus boasts of extensive sports facilities - including a gymnasium - aligning with the belief that a healthy mind thrives in a healthy body.

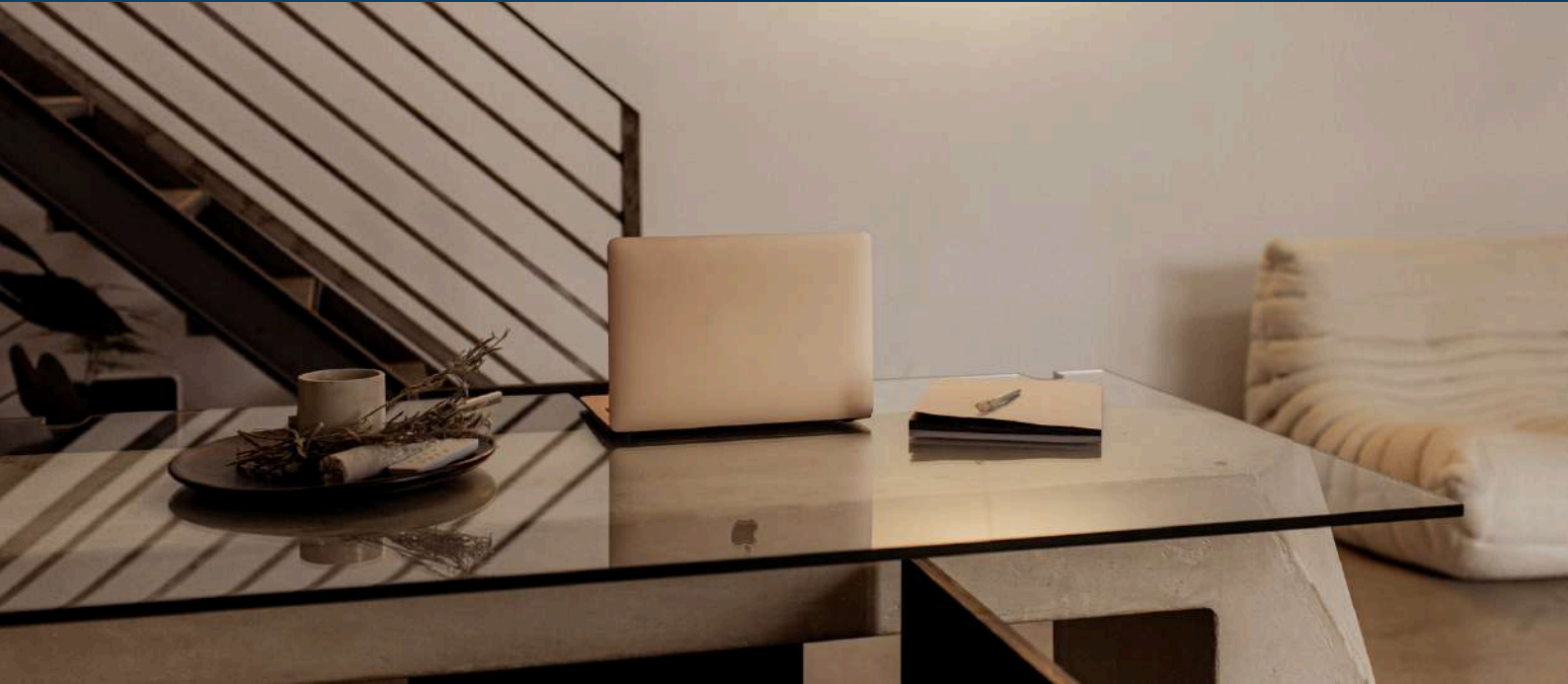
Push limits, break barriers, and play with heart.

Sports includes promoting physical health, enhancing teamwork, and instilling discipline. Sports activities also focus on skill development, both athletic and personal, fostering leadership and resilience. Ultimately, they aim to create a sense of enjoyment and satisfaction, contributing to a balanced lifestyle while building community and personal growth through active participation and engagement in various athletic endeavors.



The club focuses on promoting physical fitness, teamwork, competition, and sportsmanship, organizing both recreational and competitive events. It might also connect students with professional trainers and offer workshops or intercollegiate tournaments to boost participation and performance. SRMU sports club organises an Annual Sports fest “**ULLAS**”- **Khel hote rehne Chayiye**” with an added attraction for all students and faculties in the form of recreational games - a set of different Fun Games like Kite Flying, Hurdle Race, Ring Throw, Tic-tac-Toe, Pitthu, Paper Dance and Stapu.





Meet the Team!

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