



# SDGI GLOBAL UNIVERSITY (SGU)

[Established under the Uttar Pradesh Private Universities Act, 2019 (U.P. Act No. 12 of 2019) & 2{f} of UGC Act,1956]

**Under the Aegis of Sunder Deep Educational Society**

# SGU PULSE

Volume: 2, Issue: 1

JULY-DECEMBER 2024

NEWSLETTER



# Chancellor's Message



**Dear Esteemed University Community,**

*As the Chairman of our distinguished university, it is both an honour and a privilege to address you all.*

*As we present this latest edition of SGU-PULSE, I am filled with immense pride and gratitude for our university community. This publication serves as a testament to the dedication, innovation, and collaborative spirit that define our institution.*

*To our distinguished faculty, your unwavering commitment to excellence in teaching, research, and service is the cornerstone of our university's success. Your expertise and passion continue to inspire and elevate our academic community. I am deeply appreciative of your efforts and am committed to providing the support and resources necessary to further your important work.*

*To our exceptional students, you are the heart and soul of our university. Your curiosity, perseverance, and enthusiasm for learning are truly commendable. You have consistently demonstrated the potential to make a profound impact both within our campus and beyond. Remember that the knowledge and experiences you gain here will empower you to shape a brighter future.*

*This edition of SGU-PULSE highlights the remarkable achievements and endeavors of our community. From ground-breaking research and innovative projects to inspiring stories of personal growth and community engagement, these pages reflect the vibrant and dynamic nature of our university.*

*I encourage you all to continue striving for excellence, embracing new challenges, and contributing to the rich tapestry of our university. Together, we will continue to build a legacy of knowledge, innovation, and positive change.*

*Thank you for your dedication and contributions to our university. I look forward to witnessing the continued success and accomplishments of our faculty and students.*

**With Warm Regards,  
Shri Mahender Aggarwal  
Chairman,  
SDGI Global University**

# Vice Chancellor's Message



**Dear Esteemed Faculty and Students,**

*As we celebrate the latest edition of SGU-PULSE, I am pleased to share a few thoughts with our vibrant and dynamic community. This magazine is a testament to the creativity, intellect, and commitment that define our university.*

*To our exceptional faculty, your dedication to advancing knowledge and nurturing the next generation of leaders is truly inspiring. Your research, teaching, and service are the pillars upon which our university stands. I am continually impressed by your ability to innovate and adapt in an ever-changing academic landscape. Your contributions are vital to our mission, and I am grateful for your unwavering commitment.*

*To our talented students, you are the driving force of our university. Your passion for learning and your eagerness to engage with the world around you are what make our community so special. I encourage you to take full advantage of the opportunities available to you, both within and beyond the classroom. Remember that your journey here is just the beginning, and we are here to support and guide you as you pursue your dreams.*

*SGU-PULSE is more than just a magazine; it is a reflection of our collective achievements, aspirations, and the unique spirit that sets our university apart. I hope you find this edition inspiring and thought-provoking, and that it serves as a reminder of the incredible potential within each of us.*

*Thank you for being an integral part of this esteemed university. Together, we will continue to strive for excellence and make a positive impact on our world.*

*Best Wishes!!!*

**Prof. (Dr.) Parsanjeet Kumar**  
**Vice Chancellor**  
**SDGI Global University**

# Orientation Program DEEKSHARAMBH



**S** SDGI Global University proudly inaugurated its induction program, Deeksharambh 2024, welcoming first-year students from B.Tech, MCA, BCA, and Diploma courses. The event aims to equip students with the tools and insights needed for a successful academic journey.

The program was formally opened by Hon'ble Chancellor Shri Mahender Aggarwal, who emphasized the significance of determination and dedication in achieving success.

Hon'ble Vice Chancellor Prof. ( Dr.) Parsanjeet Kumar highlighted the university's mission to not only educate but also prepare students for future challenges, with a focus on the latest advancements in computer science.

The event was graced by Vice Chairman of Sunder Deep Educational Society Mr. Akhil Aggarwal, Vice Chairman of Sunderdeep Educational Society, and Mr. Nitin Aggarwal, industrialist). Hon'ble Pro Vice Chancellor (ADMIN) Piyush Shrivastava spoke about the institution's commitment to discipline and technological excellence. Dean Academics Dr. Vibha Singh stressed the importance of a holistic education.



Dr. Monika Sainger, Director of the School of Engineering & Technology, discussed the goal of nurturing future technocrats, while Mr. R.B. Singh, Director of the School of Computer Applications, committed to producing top-tier IT professionals. Prof. Nikhil Nigam, Principal of the School of Polytechnic, highlighted the vibrant techno-cultural environment of the campus.

The event concluded on a positive note, setting a strong foundation for the students' academic journey at SDGI Global University.

# Celebrates 78<sup>th</sup> Independence Day



**O**n this momentous occasion of 15th August 2024, SDGI Global University celebrated India's 78th Independence Day with great pride and fervour. The program was inaugurated by our Hon'ble Chancellor, Shri Mahender Aggarwal, who hoisted the Indian national flag, the "Tiranga" and paid homage to the motherland by showering flowers. In his inspiring address, he encouraged the students to be civilized citizens and imbibe a deep sense of patriotism towards the nation.

The highlight of the event was a spirited march-past by the NCC Cadets, who proudly saluted Hon'ble Chancellor Sir, displaying their dedication and enthusiasm.

Pro Vice Chancellor Prof. (Dr.) Parsanjeet Kumar led the students in taking a pledge to be responsible and hon'ble citizens, with this patriotic occasion Vice Chairman of Sunder Deep Educational Society, Mr. Akhil Aggarwal, and esteemed industrialist Mr. Nitin Aggarwal also graced the occasion.

Registrar Piyush Shrivastava emphasized the importance of discipline and guided the students to uphold the law of the nation. The ceremony was further enriched by the presence of distinguished directors, deans, and heads of departments.



# Freshers Party Esperanza 2024



On October 19, 2024, SDGI Global University became a vibrant hub of creativity and culture with Esperanza 2024, an unforgettable Freshers celebrating the arrival of Fresher students with a vibrant festival of talent and togetherness.

The event commenced with a ceremonial lamp lighting and Ganesh Vandana by our President, Mr. Mahender Aggarwal, and Vice President, Mr. Akhil Aggarwal, creating a respectful ambiance. The excitement among

students was electric as they engaged in various spectacular activities throughout the day.

A standout feature was the dazzling Fashion show, where students showcased unique styles that reflected the campus's rich diversity. In his address, Hon'ble Vice Chancellor Prof. (Dr.) Parsanjeet Kumar encouraged students to dream big, while Vice Chancellor (Administration) Mr. Piyush Srivastava emphasized the importance of discipline and unity.

# *Environmental Protection Among the Younger Generation*

**O**ur students actively participated in a plantation drive on campus, reinforcing the importance of environmental protection. With climate change, biodiversity loss, and pollution becoming urgent concerns, the younger generation is stepping up as advocates for sustainability. In line with this, our university organized an awareness initiative to inspire students to embrace eco-friendly practices.



## *Exploring the Future of Biotechnology*

*SDGI Global University Students Visit THSTI (09 October 2024)*



**A** group of enthusiastic biotechnology students from SDGI Global University, guided by Dr. Jyoti Chaudhary (Head of Department) and faculty members, visited the Translational Health Science and Technology Institute (THSTI), a premier research institute under the Department of Biotechnology, Government of India. Divided into four groups, students explored

- Vaccine Design & Development Centre - Understanding vaccine research from antigen discovery to clinical trials.
- Advanced Genome Lab - Learning about genome sequencing and personalized
- Bio-assay Lab - Studying bio-assays for testing drug potency and toxicity.
- Bio-repository Facilities - Exploring biological sample management for long-term research.



On October 8, 2024, the Department of Civil Engineering at SDGI Global University organized an insightful industrial site visit for diploma students of civil engineering students to Rudra Tech Pvt.

Ltd., a leading ready mix concrete plant in Masoori, Ghaziabad. The visit aimed to provide practical insights into the concrete production process and its application in the construction industry.

Upon arrival, students were welcomed by the plant management, who offered an overview of the facility's operations. The visit began with a guided tour, allowing students to observe the advanced machinery and equipment used in the mixing, quality control, and distribution of ready-mixed concrete. This hands-on experience helped students connect theoretical concepts from their coursework to real-world applications. Throughout the tour, students engaged in discussions on the importance of quality assurance, sustainable practices, and safety protocols in concrete production.



# Seminar on IIT for All



**S** DGI Global University, in collaboration with Masai School, organized a seminar on the topic "IIT for All." The seminar was specifically designed for students aspiring to pursue minor programs in Computer Science, Artificial Intelligence, Data Science, and Business Analytics from IIT Mandi, IIT Ropar, and IIT Guwahati.

The seminar was inaugurated jointly by Hon'ble Chancellor Shri Mahender Aggarwal, Vice-Chancellor Prof (Dr.) Parsanjeet Kumar, Pro Vice-Chancellor Shri Peeyush Srivastava, Registrar Dr. Rajeev Ratan, and IQAC Director Dr. Harish Taluja. All university directors were also present on this occasion.

During the seminar, Shri Yohesh Bhat, (Co-founder

of Masai School), delivered an inspiring motivational speech. He addressed students from BBA, B.Com, BCA, and B.Tech programs, introducing them to the opportunities offered by IITs and encouraging them to seize this unique chance. He emphasized the importance of hard work and dedication to receive education from such prestigious institutions as IITs.

The seminar proved to be highly motivating for the students, who left feeling excited and inspired. They viewed this initiative as a significant milestone for their career growth.

SDGI Global University remains committed to providing such educational opportunities to its students, empowering them to achieve their academic and professional aspirations.

## Empowering Future Pharmacists Seminar on Pharmaceutical Dosage Forms

**T**he School of Pharmaceutical Sciences (SPS), SGU hosted an enlightening seminar on November 28, 2024, at the SPS Seminar Hall. The event focused on pharmaceutical dosage forms available in the market, emphasizing their brands, label content, and regulatory importance.

The seminar featured Ms. Rabia Chaudhary, Assistant Professor at SDPC, as the esteemed judge. She inspired students with her insightful address, highlighting the significance of continuous learning and innovation in the pharmaceutical field.

Dynamic student participation from both D.Pharm. 1st and 2nd-year cohorts brought the event to life. Students delivered engaging PowerPoint



presentations on a range of dosage forms, exploring their branding and label details. These presentations not only demonstrated thorough research but also provided a platform for students to enhance their knowledge of pharmaceutical products and labelling standards—a crucial aspect for consumer safety.

# Session on Women Safety Tips and Awareness



On November 27, 2024, a seminar on Women Safety Tips and Awareness was organized by SDGI Global University.

The event aimed to highlight pressing issues related to women's safety and empowerment. The seminar was graced by the presence of Hon'ble Vice Chancellor Dr. Parsanjeet Kumar, Dr. Rajeev Ratan, Registrar, SDGI Global University, Dr. Saluja, Dr. Monika Sainger, and Dr. R. B. Singh. Their presence added significance and inspiration to the event, making it more impact.

The session was attended by students, faculty members, and dignitaries, with valuable insights shared by the esteemed speakers. The seminar began with a traditional lamp-lighting ceremony, symbolizing the dispelling of ignorance and the illumination of knowledge. Professor Dr. Vibha Singh, Dean of Academic Affairs, welcomed the participants with a heartfelt note and introduced the topic of women safety. Dr. Singh raised awareness among students about the significance of women's safety in today's world. She facilitated the Chief Guest, Ms. Pooja Sharma, with a bouquet and memento before inviting her to lead

the session.

Ms. Pooja Sharma, Chairperson of the National Justice and Women Safety Commission, presented a compelling discussion, touching on Societal Challenges.

She stressed the need for women to adopt bravery and self-reliance as key tools for their safety. Ms. Sharma discussed the role of social media in daily life and its associated risks, including cybercrimes. She highlighted the concept of "digital arrests" on social media platforms, stressing the need for vigilance for both men and women.

She gave some Practical Safety Tips Incorporating self-defence training into the school and college curriculum.

Encouraging women to carry basic safety tools such as pepper spray for emergency situations.

The session concluded with a vibrant interaction between the students and the speakers. Ms. Pooja Sharma's recommendations and tips on safety and empowerment resonated strongly with the audience. Dr. Vibha Singh's proactive role in initiating the discussion added depth to the event.

# Chocolate Decoration Workshop

The School of Hotel and Tourism Management organized a Chocolate Decoration Workshop on November 19, 2024, from 2 PM to 5 PM, where all students actively participated. Led by Chef Kanchan Verma, (DCDP Bakery & Confectionery, Taj Hotels), students learned to create chocolate garnishes, moulded chocolate ganache, moulded white garnishes, and dark chocolate garnished on printed paper.

This workshop provided students with valuable exposure to luxury hospitality standards and artistic plating techniques-essential skills for aspiring pâtissiers and culinary professionals. It was a delicious blend of education and artistry that left both taste buds and minds enriched.



## Software Workshop for B.Arch. Students



The School of Architecture, Planning, and Design (SAPD) at SDGI Global University recently organized an engaging software workshop on Sketch-up and Photo-shop for second- and third-year B.Arch. students on 14th November 2024. The workshop was led by Ms Juhi Singh, a skilled expert in digital design, and coordinated by Associate Professor. Akansha Jain. Aimed at equipping students with essential

digital tools, the session focused on improving their skills in 3D modelling and rendering, critical for modern architectural practice. The primary objectives of the workshop were to strengthen students' proficiency in Sketch-up for creating detailed 3D models and spatial visualization while also enhancing their abilities in Photo-shop to refine and present design concepts effectively. This workshop served as a bridge between students' conceptual ideas and their ability to communicate these ideas visually, an important aspect of architectural education. By integrating digital tools into the design process, SAPD is committed to helping students translate complex architectural ideas into compelling visual presentations. The outcomes of this workshop were evident in the students' newfound confidence and capability. By the end of the session, they had gained hands-on experience in creating accurate digital models and applying rendering techniques to bring their designs to life.

# Special Workshop at SDGI Global



**G**lobal University on Tuesday, offering an informative and engaging experience for all participants. The event commenced with a lamp-lighting ceremony, graced by the presence of Chancellor Hon'ble Shri Mahender Aggarwal, Hon'ble Vice Chancellor Prof. Dr.

Parsanjeet Kumar, Pro Vice Chancellor-Admin Mr. Piyush Srivastava, Registrar Dr. Rajiv Ratan, and Dean of Academics Dr. Vibha Singh. The ceremony was led by Dr. Jyoti Chaudhary, Head of the Department of Biotechnology.

In her welcome address, Dr. Jyotsna Pandit, Director of the School, motivated the students by emphasizing the workshop's significance for their academic and professional growth.

Distinguished speakers, including Dr. Anil Kumar Mavi, Assistant Professor at Sri Aurobindo College, University of Delhi, and Dr. Satendra Singh,

Assistant Professor in Biomedical Sciences at Acharya Narendra Dev College, University of Delhi, shared valuable insights into the field.

The workshop successfully blended theoretical knowledge with practical application, offering students a deeper understanding of cutting-edge areas of science and technology.

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# Webinar



**P**resent and Future" on 4th July. We were honoured to have Mr. Sandeep Baliyan, Senior Technical Team Lead at Chetu India Pvt. Ltd., as our eminent speaker.

Technical Session on "Dot-Net & Its Present and Future" at SDGI Global University.

SDGI Global University, Ghaziabad, organized an enlightening technical session on "Dot-Net & Its Present and Future" on 4th July. We were honoured to have Mr. Sandeep Baliyan, Senior Technical Team Lead at Chetu India Pvt. Ltd., as our eminent speaker.

# Guest Lecture



**T**he Department of Civil Engineering, School of Polytechnic, SDGI Global University, organized a guest lecture on "Fundamental Human Rights" on 17th October 2024, starting from 3:00 PM onwards. The session featured Mohammad Imran Chaudhary, Assistant Professor at SunderDeep College of Law, as the eminent speaker.

Mohammad Imran Chaudhary provided insightful knowledge on the core principles of human rights, emphasizing their relevance in daily life and professional practice. He discussed the

significance of equality, justice, and individual freedom, linking these concepts to the responsibilities of civil engineers in promoting social welfare through ethical practices. The lecture was highly interactive, encouraging students to engage in discussions and deepen their understanding of the role of human rights in nation-building.

The event concluded with a vote of thanks, leaving attendees enriched with a broader perspective on human rights and their importance across all sectors.

## *Insightful Guest Lecture on "Bridging the Gap: From Job Training to Placement" at SDGI Global University*

On September 20, 2024, the School of Hotel & Tourism Management, SDGI Global University, Ghaziabad, organized an insightful guest lecture under its industry-oriented learning initiatives. The session, titled "From Job Training to Placement," was led by Ms. Shweta, Director of Educator Overseas, Pune. Ms. Shweta provided valuable insights into the Mauritius Hotel Management Programme, discussing career opportunities, international training, and industry expectations. She guided students on enhancing practical skills and securing placements in top hotel chains. The interactive session included a Q&A segment, where students actively engaged, seeking career advice. The



School expressed gratitude to Ms. Shweta for her expertise. Such industry-focused sessions bridge academia and professional opportunities, ensuring students enter the hospitality sector with confidence and competence.

## *Guest Lecture on Hospital Design & Planning at SDGI Global University*

On September 25, 2024, the School of Architecture, Planning and Design had the privilege of hosting an inspiring guest lecture by Prof. Vibhor Mukul Singh, a leading expert in healthcare architecture. Aimed at our ninth-semester students, the session delved into the essential elements of hospital design and planning. Prof. Singh covered crucial topics such as space planning, regulatory guidelines, infection control, and the dynamic needs of modern healthcare environments. His real-world insights helped students understand how to blend functionality, patient experience, and technical precision

into sustainable, patient-centric designs. This lecture is an invaluable part of their design project, empowering students to tackle healthcare architecture with both creativity and technical skill. A heartfelt thank you to Prof. Vibhor Mukul



Singh for sharing his expertise and inspiring the next generation of architects!



# Workshop on Creating and Leveraging AI-Driven Chat-Bots

On September 25, 2024, the School of Engineering and Technology at SDGI Global University hosted a dynamic workshop on creating and leveraging AI-driven chat-bots.

Guest Speaker: Amit Kumar Ghosh,

Vice President & Software Engineer at Scholar Hat, captivated our students with his engaging session. His insights into chatbot development, coupled with real-world applications, ignited a spark of enthusiasm among participants.

Through hands-on experiences and interactive discussions, students gained practical skills and knowledge in AI and chat-bot development, exploring the limitless potential these



technologies offer in today's digital landscape. Workshop Highlights: Hands-On Experience: Build functional chatbots from scratch. Expert Guidance: Learn from industry leaders.

Fresh Perspectives: Discover AI applications across various sectors.

## Celebrating World Pharmacist Day



On September 25, 2024, the School of Pharmaceutical Sciences and the School of Sciences hosted an enlightening Guest Lecture and Expert Talk in honor of World Pharmacist Day.

We were honored to have Prof.(Dr.) Parsanjeet Kumar, Vice Chancellor of SDGI Global University, as our Chief Guest, along with esteemed guests. Peeyush Srivastava (Pro-Vice Chancellor and Retd. IG Police) and Ms. Vanshika Kaushik (Quality Control Head at Herbo Nutra Extract Private Limited).

Prof. (Dr.) Shalini Sharma, Director of the School of Pharmaceutical Sciences, opened the event with inspiring remarks on the pivotal role pharmacists play in healthcare. Prof. Kumar highlighted the importance of industry insights, particularly from leaders like Ms. Kaushik.

Ms. Kaushik delivered a compelling talk on quality control in the pharmaceutical industry, discussing safety, efficacy, and the need for stringent quality assurance. The session fostered an engaging dialogue among students and faculty about current trends and challenges in the field.

# Competition

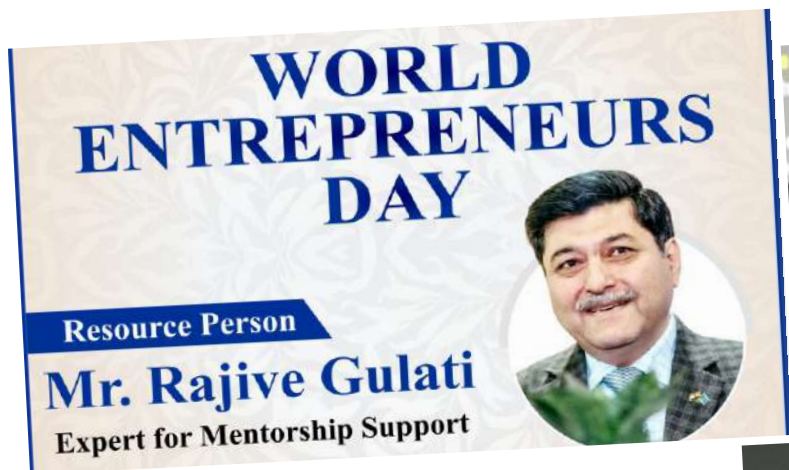


**Q**uick Stick Pavilion: School of Architecture, Planning and Design, SGU Dominates with 1st & 2nd Place!

We're thrilled to share that our talented students from the School of Architecture, Planning and

Design, (SGDI Global University) participated in the QuickStick Pavilion design competition held at Indira Gandhi Delhi Technical University for Women on 28th September 2024 - and they secured both 1st and 2nd positions!

## Celebrating World Entrepreneurs Day



**O**n August 21, 2024, SDGI Global University proudly commemorated World Entrepreneurs Day, a special occasion dedicated to recognizing the spirit of entrepreneurship, innovation, and leadership. The highlight of the event was an engaging and insightful session conducted by Mr. Rajeev Gulati, an esteemed expert in mentorship support

and a guiding force for aspiring entrepreneurs. Mr.

Gulati's session provided students with valuable insights into the entrepreneurial journey, the challenges of the startup ecosystem, and the keys to building a successful business. He emphasized the importance of creative thinking, risk taking, and resilience in shaping future business leaders.

# Soft Skills Training



**A**t SDGI Global University, our Training Department ensures students are industry-ready through year-long training programs tailored to each branch and course. These programs focus on industry-specific skills, communication, and problem-solving, integrating real-world case studies and hands-on-learning to enhance professional

growth. We also provide comprehensive placement preparation, including mock interviews, technical and behavioral interview training, and CV & LinkedIn optimization. Through strong industry collaborations, we connect students with top recruiters, ensuring they are well-prepared for on-campus and off-campus placements.

# Faculty Development



**U**niversity successfully organized a Faculty Development Program (FDP) on "Transforming Learning Outcomes: CO-PO Mapping & Attainment." This insightful session aimed to enhance faculty members' understanding of

Course Outcomes (CO), Program Outcomes (PO), and their mapping strategies to improve learning effectiveness. The event kicked off with a traditional lighting of the lamp ceremony, symbolizing knowledge and enlightenment. Key academic leaders, including Hon'ble Chancellor Shri. Mr Mahender Aggarwal, Vice Chancellor Dr. Parsanjeet Kumar, Pro Vice

Chancellor (Admin) Shri. Peeyush Srivastava, Registrar Dr. Rajeev Ratan, Director IQAC Dr. Harish Taluja, along with all the-directors of various schools, Heads of Departments, and faculty members were present. Dr Harish Taluja, Director IQAC, delivered an enlightening session on NEP 2020, highlighting its potential to revolutionize education through interdisciplinary approaches and measurable outcomes. Following this, Dr. Ankur Garg explored designing Course Outcomes (COs)

and Program Outcomes (POs) using Bloom's Taxonomy, emphasizing the need for clear, measurable competencies for student success.

# Memorandum of Understanding



We are thrilled to announce the successful signing of the Memorandum of Understanding (MOU) between SDGI Global University and UAS International Group of Companies! This exciting partnership promises numerous benefits and opportunities for our students, faculty, and the

broader SGU community.

Highlights of the MOU include:

- International Industrial Visits
- Student Exchange Programs
- Abroad Internships
- Live Projects
- Final Placements.



Many Many Congratulations!

We are thrilled to announce that 22 students from the Batch of 2025 have been successfully selected by \*Krishna Landi Renzo India Pvt. Ltd.\*!

We are incredibly proud to announce that Ms. Anu Jha, a student of B.Sc. Biotechnology at School of Sciences, SDGI Global University, has been selected to represent Bihar in the prestigious Under-23 National Level Basketball Tournament organized by the Khelo Bharat Association of India! This is a fantastic achievement, and we couldn't be more thrilled to see our students excelling not just academically, but in sports as well. Your hard work, determination, and commitment to excellence are truly inspiring!



# Ranking

## SDGI GLOBAL UNIVERSITY

(Academic Legacy of Sunder Deep Group of Institutions)

### Ranked



**Best Engineering  
College in  
Uttar Pradesh**

**Indian Institutional  
Ranking Framework  
Survey 2023**

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Framework Survey

2023 Best Engineering College in Uttar Pradesh

Indian Institutional Ranking IRF Framework Survey 2023

# Publications

Year of Publication	Title of the Publication	Publisher & ISBN No	Name of Author
2024	Pharmaceutics	Asian Publishers/ ISBN: 978-93-5502-318-6	Dr. Shalini Sharma Parina Gill Khushboo Bhardwaj Aradhna Prajapati Sumit Kumar
2024	Pharmacology	Asian Publishers/ ISBN: 978-93-5502-373-5	Aradhna Prajapati Sumit Kumar Parina Gill Dr. Shalini Sharma Khushboo Bhardwaj
2023	Business Communication and Correspondence	Alpha International Publication/ ISBN: 978-93--5762-134-2	Dr. Vibha Singh Dr. Sanjay Kumar Singh Dr. Mahejabin Sayyad Mr. Y. Venkateswara Rao

Year of Publication	Title of the Publication	Journal	Name of Author
2024	Applying Machine Learning Algorithms to Diagnose Breast Cancer: A Comparative Study (Accepted)	International Journal of Computer Engineering and Technology (IJCET)	Ms. Kavish Tomar
2024	Applying Machine Learning Algorithms to Diagnose Breast Cancer: A Comparative Study (Accepted)	International Journal of Computer Engineering and Technology (IJCET)	Mr. Harkesh Kumar
2024	Economical & Light Weight Concrete by Partial Replacement of Fine Aggregate with Sawdust and Course Aggregate with Brick Ballast	International Journal For Technological Research in Engineering	Sundeep Singh Daimil Akhthar Mr. Pawan Kumar
2024	HPB3C-3PG algorithm: A new hybrid global optimization algorithm and its application to plant classification	Ecological Informatics	Sukanta Ghosh Amar Singh Dr. (Prof.) Shakti Kumar

Year of Publication	Title of the Publication	Journal	Name of Author
2024	Characterization of different screened proteins from Chinese honeysuckle leaves and evaluate their antimicrobial potential	Pharmacological Research - Modern Chinese Medicine	Mayank Kulshreshtha Anuj Kumar Sharma Yogesh Murti Vibha Neeraj Verma Dr. Anita Singh Soumyadip Mukherjee Amit Nigam Manjul Pratap Singh
2024	Metal-Casting by using Integration of Microwave Energy	International Journal of Novel Research and Development (IJNRD)	Mr. Ajeet Gupta
2024	Design of Advanced Adaptive Filter Algorithms for Optimization in Acoustic Signal Processing	International Journal for Scientific Research & Development	Mr. Ajeet Gupta
2024	Wireless Sensor Network to Determine the Moisture Level & Energy Efficiency of Soil	International Journal for Scientific Research & Development	Mr. Ajeet Gupta
2023	भारत में लैंगिक संवेदीकरण: भारतीय संविधानेकी भूमिका	ज्ञान गरिमा सिंधु, वैज्ञानिक तथा तकनीकी शब्दावली आयोग, उच्चतर शिक्षा विभाग, शिक्षा मंत्रालय, भारत सरकार	Dr. Bharat Pratap Singh
2023	भारतीय न्यायशास्त्र में अंतर्विभागीयतारू संवैधानिक अधिकारों के माध्यम से सामाजिक न्याय की खोज डॉ. भारत प्रताप सिंह, सहायक प्रोफेसर, एसडीजीआई ग्लोबल यूनिवर्सिटी	ज्ञान गरिमा सिंधु, वैज्ञानिक तथा तकनीकी शब्दावली आयोग, उच्चतर शिक्षा विभाग, शिक्षा मंत्रालय, भारत सरकार	Dr. Bharat Pratap Singh
2023	Pollination Based Optimization: A New Global Optimization Algorithm and its Application to Paddy Disease Detection	International Journal of Innovation in Multidisciplinary Scientific Research	Dr. (Prof.) Shakti Kumar Ajay Singh Rahul Sharma Amar Singh
2023	Pollination Based Optimization: A New Global Optimization Algorithm and its Application to Paddy	International Journal of Innovation in Multidisciplinary Scientific Research	Dr. (Prof.) Shakti Kumar Ajay Singh Rahul Sharma Amar Singh

Year of Publication	Title of the Publication	Journal	Name of Author
2023	PB3C-Disease Detection CNN: An integrated PB3C and CNN based approach for plant leaf classification	Inteligencia Artificial, Vol. 26 No. 72, (December 2023)	Sukanta Ghosh Amar Singh Dr. (Prof.) Shakti Kumar
2023	S. BBBC-U-Net: optimizing U-Net for automated plant phenotyping using big bang big crunch global optimization algorithm	Int. j. inf. tecnol. 15, 4375–4387 (2023).	Sukanta Ghosh Amar Singh Dr. (Prof.) Shakti Kumar
2023	Identification of medicinal plant using hybrid transfer learning technique	Indonesian Journal of Electrical Engineering and Computer Science, Vol. 31, No. 3, September 2023, pp. 1605-1615	Sukanta Ghosh Amar Singh Dr. (Prof.) Shakti Kumar



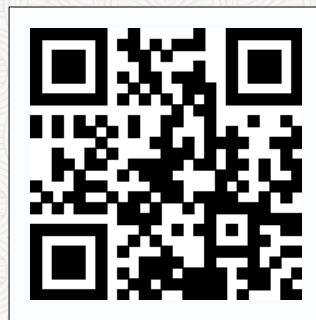
# PATENTS

Date of Publication	Title of the Invention	Application Number	Name of Applicant/Applicants
14/06/2024	14/06/2024A Method for enabling direct memory access (DMA)control signals on LIFI in computing system	202411042725	Dr. (Prof.) Shakti Kumar
07/06/2024	Object Classification for Remotely Sensed Images by Using Enhanced CNN Model	202411041144	Neha Gupta Dr. Sima Dr. Praveen Kantha Mr. Varun Kumar Gupta Prof. (Dr.) Parul Goyal Dr. Ram Bhawan Singh Dr. Raj Sinha Dr. Rahul Kumar Ms. Anshita Shukla
12/01/2024	Green Synthesis of Silver Nanoparticles from Andrographis Paniculata Using Eco-friendly Hydro distillation Method	202311083524	Mrs. Kumari Priyanka Ms. Neetu Mandal Mr. Aakash Saha Mr. Akash Luniya Mr. Arjun Kumar Sen Mr. Alakesh Debnath Mr. Manish Kumar Rajoriya Ms. Ayantika Sil Ms. Sharmila Mondal Ms. Rekha Rani
06/10/2023	A LI-FI ENABLED MACHINE LEARNING BASED CROP RECOMMENDER SYSTEM AND WORKING METHOD THEREOF	202311060038	Dr. (Prof.) Shakti Kumar
01/09/2023	The Effects of Communication Skill Development on the Evolution of Human Society and Business	202341046985	Dr. Neelambaram Bolledu Dr. Vibha Singh Dr. J. Amutha Monica Dr.P.Pon Meenakshi Dr. Neeru Rathore Mr. Vangeti Suryaprakash Reddy Dr. S. JothiDr. M. Ravichand Dr. Dhimen Jani Mr. G.Satyanarayana Dr. Harikumar Pallathadka



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