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UNIVERSITY**  
— LUCKNOW - INDIA —



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# NEWSLETTER

Vol. 6: No. 4, October 2024

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# Newsletter

VOL. 6 NO. 4, OCTOBER 2024

CHIEF PATRON

**PROF. S.W. AKHTAR**

FOUNDER AND CHANCELLOR,  
INTEGRAL UNIVERSITY

CHIEF PATRON

**MRS. AZRA WASEEM**

CO-FOUNDER,  
INTEGRAL UNIVERSITY

PATRON

**DR. SYED NADEEM AKHTAR**

PRO-CHANCELLOR,  
INTEGRAL UNIVERSITY

PATRON

**PROF. JAVED MUSARRAT**

VICE-CHANCELLOR,  
INTEGRAL UNIVERSITY

CO-PATRON

**PROF. M. HARIS SIDDIQUI**

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INTEGRAL UNIVERSITY

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ASTT. PROFESSOR  
DEPARTMENT OF LANGUAGES/ENGLISH,  
INTEGRAL UNIVERSITY

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# Editorial



With profound pride and distinct privilege, I welcome our esteemed readers to the 2024 edition of **\*\*The University Newsletter\*\*** – a magnificent chronicle that captures the essence and vibrancy of our illustrious institution. This annual compendium serves as a portal into the dynamic tapestry of campus life, showcasing the remarkable spectrum of intellectual pursuit and creative endeavor that defines our university's spirit.

*Yeh Ilm-o-amal ka maskan hai  
Yeh tishna labon ka mashrab hai  
Roshan hai yahan ka har shoba  
Hai Naam isi ka Integral*

Within these pages lies a meticulously curated repository of excellence – a testament to our institution's relentless pursuit of knowledge and innovation. This comprehensive bulletin illuminates our extraordinary journey through the past year, encompassing groundbreaking research

initiatives, prestigious grant acquisitions, transformative student support programs, and strategic industry collaborations. From our robust community engagement efforts to the remarkable achievements of our distinguished alumni, from our pioneering medical innovations to our dynamic sports programs – each page unfolds another chapter in the continuing saga of this "Miracle of Awadh." It is with profound gratitude that I acknowledge the visionary leadership of our Honorable Founder & Chancellor, Prof. Syed Waseem Akhtar, whose unwavering commitment to excellence has been the cornerstone of our institution's magnificent journey. The invaluable guidance and steadfast support of our Pro-Chancellor, Dr. Syed Nadeem Akhtar, have been instrumental in realizing our university's noble mission. Special recognition must be extended to our distinguished Vice-Chancellor, Prof. Javed Musarrat, whose passionate dedication and innovative vision continue to propel our university toward new horizons of academic distinction. Our Registrar, Prof. Mohd Haris Siddiqui, serves as the university's vigilant guardian, exemplifying administrative excellence and unwavering commitment to institutional advancement. This publication owes its richness to the collective wisdom of our esteemed Directors, whose inspiring messages have added immeasurable depth to this edition. I extend my heartfelt appreciation to our Department Heads, faculty members, contributors, and scholars whose valuable inputs have transformed this newsletter into a vibrant reflection of our university's dynamic spirit. Special acknowledgment goes to our Editor, Dr. Aareena Nazneen, our talented Photographer, Mohd Amir, and our creative design team for their exceptional dedication in bringing this vision to life. As you embark on this journey through our academic realm, I trust you will find each page both enlightening and inspiring. We eagerly anticipate your valuable feedback and look forward to presenting our next edition in March 2025.

*Yeh shama hamesha jalti rahe  
Aabad rahe ham sab ka haram  
Arif ki dua hai iskey liye  
Hai Naam isi ka Integral*

**Prof. H.M. Arif Nadvi**

Editor - in- Chief  
Head, Department of Languages,  
Integral University

## My Reflection

Dear Readers,

As we turn the pages of another chapter of our University Newsletter, I am reminded of T.S. Eliot's words: "For last year's words belong to last year's language, and next year's words await another voice." Each moment at Integral University offers us the chance to shape that new voice—a collective chorus of ideas, innovation, and reflection. This edition of the University Newsletter is a celebration of that spirit. Within these pages, you will find our shared illuminating journey, pioneering research, and looking back at the semester's memorable events that speak to the energy, resilience, and creativity of our Integral Fraternity.

Autumn, with its quiet beauty, has a way of inspiring both introspection and renewal. As F. Scott Fitzgerald beautifully observed, "Life starts all over again when it gets crisp in the fall." This sentiment is reflected in the vibrant activity across campus, where we find ourselves both celebrating accomplishments and setting our sights on the horizons ahead.

In this spirit, we invite you to explore this edition not just as a recounting of

events, but as a mosaic of the values and aspirations we share. From the profound to the light-hearted, from academic milestones to moments of companionship, these contents are yours—woven together by the threads of curiosity and purpose that unite us all.

As the semester begins to draw to a close, I leave you with the wisdom of Ralph Waldo Emerson: "What lies behind us and what lies before us are tiny matters compared to what lies within us." May this issue inspire you to look within, to connect more deeply with your community, and to embrace the boundless potential of the season ahead.

With gratitude and a touch of literary flair.

**Dr. Aareena Nazneen**

Editor  
Asstt. Professor, Department of Languages,  
Integral University





# Socio-Cultural and Academic Engagement of Hon'ble Founder & Chancellor, Prof. S.W. Akhtar

1. The National Seminar on National Agricultural Education Policy and Integral Farmers Award Ceremony was held on 4<sup>th</sup> November 2023, organized by IIAST at Integral University, Lucknow, with the Honourable Chancellor presiding as Chief Patron.
2. The 15<sup>th</sup> Convocation, 2023 was held on 8<sup>th</sup> November 2023, at the convocation lawns of Integral University, the Honourable Chancellor presided over the function.
3. 31<sup>st</sup> Foundation Day Celebration Ceremony celebrated on 8<sup>th</sup> November, 2023. The Honourable Chancellor presided over the function.
4. The Baroda Achievers Award Ceremony 2023 was held on 7<sup>th</sup> December 2023. He presided over the event.
5. Inspiring Alumnus visit -Ms. Naghma Tabassum (cleared BPSC with 52<sup>nd</sup> rank) visited Integral University on 8<sup>th</sup> December 2023. The honourable Chancellor graced the event as Chief Guest.
6. The National Symposium consolidating and sustaining Human Rights Culture into the future was held on 9<sup>th</sup> December 2023. He presided over the event as Chief Patron.
7. The Honourable Chancellor presided over "Symposium on Chronic Pain and minimally invasive Pain and spine intervention (MIPSI)" on 16<sup>th</sup> December 2023 as Chief Patron at IIMSR, Integral University, Lucknow.
8. International Conference on Environment, Religion and Culture (ICER-24), organized by the department of Languages under the aegis of Human Resource Development Centre, Integral University, Lucknow, was held from 6th to 8th February 2024. The honorable Chancellor presided over the function as Chief Patron.
9. The Annual Function of Legal Literacy Program at Nadwatul-Ulema, was held on 13th February 2024. He presided over the function as Chief Guest.
10. Centre for Incubation and Entrepreneurship Development, Integral Startups Foundation and NimbleQ, organized by 'School to Start-up-Igniting young mind to Innovate', held on 14th February 2024 at Integral University, Lucknow. The Honorable Chancellor presided over the function as Chief Patron.
11. The Honourable Chancellor presided over the function "Fiesta 2024", organized at Integral University, from 29<sup>th</sup> February to 2<sup>nd</sup> March 2024 as Chief Patron.
12. An International Conference on Multidisciplinary Perspective towards Sustainability in the Era of Artificial Intelligence (ICMPSAI), was held on 5<sup>th</sup> and 6<sup>th</sup> March 2024 at Integral University, organized by the Department of Humanities and Social Sciences. He presided over the conference as Chief Patron.
13. International Conference on "Novel Paradigms Pharmaceutical Sciences an approach for a healthier world", held from 9<sup>th</sup> to 10th March, 2024, at Integral University, Lucknow, organized by the Department of Pharmacy. The Honourable Chancellor presided over the function as Chief Patron.
14. Mobile Distribution Ceremony was held on 11<sup>th</sup> March 2024, organized by the Examination Department, Integral University, Lucknow. The honourable Chancellor presided over the event as Chief Guest.
15. The Ultratech MoU signing ceremony was held on 28<sup>th</sup> March 2024, organized by the Department of Civil Engineering, Integral University, Lucknow. He presided over the event as Chief Patron.
16. The Eid Milan Ceremony was held on 16<sup>th</sup> April 2024. The Honourable Chancellor graced the occasion.
17. The Chancellor's Trophy event was held on 30<sup>th</sup> April 2024 organized by Literary Committee of Department of Languages, Integral University, Lucknow. The Honourable Chancellor presided over the event as Chief Patron.
18. ICAR Peer review team visited IIAST, Integral University, Lucknow, on 12<sup>th</sup> June 2024. He presided over the visit.
19. Graduation Day Ceremony, 2023 for international students, was held on 9<sup>th</sup> August 2024 at Integral University, Lucknow. The Honourable Chancellor presided over the ceremony as Chief Patron.
20. The 78<sup>th</sup> Independence Day celebration took place on 15<sup>th</sup> August 2024. The honourable Chancellor presided over the event as Chief Guest.
21. The Orientation program was held on 1<sup>st</sup> August 2024, at Integral University, The honourable Chancellor presided over the programme as Chief Patron.
22. Honorable Chancellor presided as Chief Patron over the five-day Innovation, Design and Entrepreneurship (IDE) Bootcamp (Edition 2 Phase1) in collaboration with AICTE-Government of India organized from 23<sup>rd</sup> to 27<sup>th</sup> September 2024.

## AWARD

The honorable Chancellor was bestowed with 'Education Excellence Award-2023' by Jashn-e-Lucknow AEBA Pvt. Ltd. at U.P. Sangeet Natak Academy, Lucknow, on 16th December 2023.



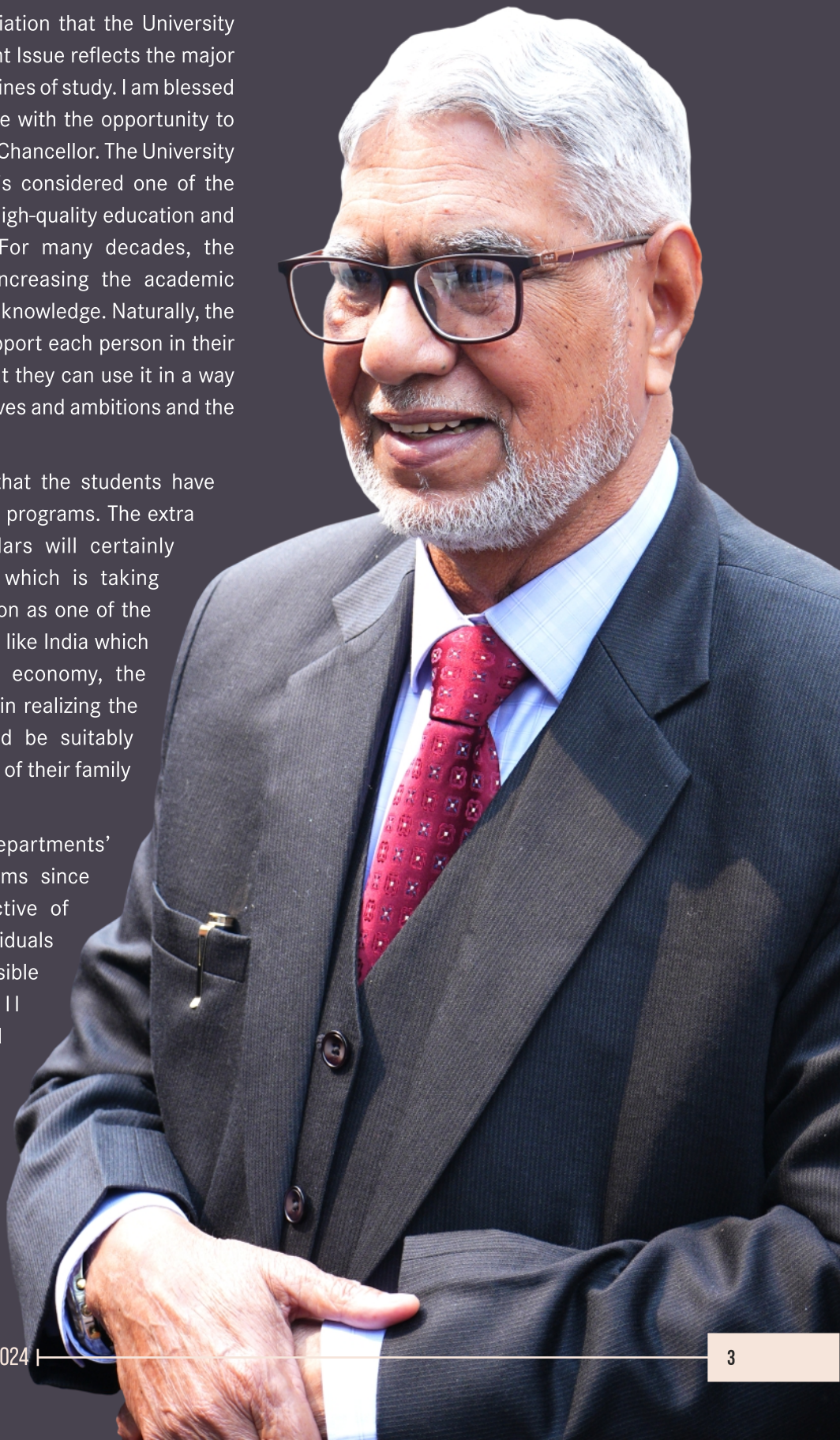
# Message from Founder & Chancellor

I am glad to share my words of appreciation that the University Newsletter is Ready - to -Read. The recent Issue reflects the major contribution of the University in all disciplines of study. I am blessed by the Almighty that He has provided me with the opportunity to serve this well-established Institute as a Chancellor. The University has evidently grown in popularity and is considered one of the nation's top institutions, by virtue of its high-quality education and dedication to value-based research. For many decades, the university has been instrumental in increasing the academic possibilities and unlocking the secrets of knowledge. Naturally, the primary objective is to enlighten and support each person in their pursuit of knowledge and wisdom so that they can use it in a way that benefits both their particular objectives and ambitions and the well-being of humanity as a whole.

I feel immense happiness to observe that the students have shown lot of interest in pursuing various programs. The extra ordinary performance of these scholars will certainly enhance popularity of the University which is taking effective steps required for its recognition as one of the premier private universities. In a country like India which is widely recognized as a developing economy, the institutions will have to play a vital role in realizing the fact that all educated students should be suitably employed for the sustenance and growth of their family as well as the nation.

I look forward to know about the departments' successes and student-friendly programs since they align with the university's objective of training students to be well-rounded individuals who flourish as professionals and responsible citizens. This publication will undoubtedly become a must-read account of its happenings and events, encouraging scholarly discourse.

Regards  
**(Prof. S.W. Akhtar)**  
Founder & Chancellor  
Integral University, Lucknow





# Message from Co-Founder

Integral University was established as a dream project to nurture progressive intellectuals. I am proud of how far we have come in integrating innovation, critical thinking and research into the curricula. The diverse, inclusive University, since its foundation, has been strategically moving forward to transform the farsighted academic perspective into the real world. The Integral family, as a whole, has braved unprecedented challenges and has metamorphosed from a humble institution into one of the best educational institutes in India.

I must congratulate the Founder & Chancellor, Prof. Syed Waseem Akhtar, the unparalleled idealist, for the brilliant vision of the university that is excelling in imparting quality education and providing meaningful employment and opportunities to a host of able youths. Under his dynamic leadership, the institution has blossomed into a sanctuary of practical wisdom.

**Yeh maskan hai Shahbaazon ka  
Shaheen yahan par paltey hain**

Our mission is to sustain human values, nationalism, discipline, decency and a spirit of collaboration. This is how we aim to make international leaders that contribute back to the society leaving no stone unturned in their sky-reaching goals and path-breaking journeys. I wish Integral Family the best and hope that we continue to grow and excel responsibly inspiring million others. The concisely documented Information Bulletin of the University that outlines academic achievements is worth reading!

I shall end with Robert Frost's words:

***The woods are lovely, dark and deep  
But I have promises to keep  
And miles to go  
Before I sleep.***

Sincere Regards

**(Mrs. Azra Waseem)**  
Co-Founder, Integral University  
Lucknow





# Message from Pro-Chancellor

Dear Members of the Integral Family,

I pen this message for our University Newsletter with profound reflection and a deep sense of pride. As we take stock of the year behind us, I am overwhelmed by every Integral family member's extraordinary commitment and exemplary contributions.

Significant achievements have marked the journey of transforming Integral University into a center of academic excellence, and I am pleased to observe our steady progression toward this noble vision. Each milestone we have reached is a testament to our collective resolve and unwavering dedication to academic distinction.

We have been privileged to host distinguished luminaries and renowned educationists whose presence has elevated our institutional standing and inspired our students to aspire toward greater heights. These interactions have enriched our academic environment and provided our students with invaluable insights from industry leaders and educational pioneers.

Our commitment to academic excellence and research innovation remains steadfast as we seek the future. While we acknowledge the considerable progress made, we recognize that pursuing excellence is a continuous journey. Our focus in the coming year will be on further strengthening our research capabilities and fostering an environment that nurtures innovation and critical thinking.

I firmly believe that emphasizing these crucial areas will create a more vibrant and dynamic learning ecosystem. This environment will be instrumental in shaping our students into tomorrow's global leaders – individuals who will not merely participate in the world's progress but actively guide its direction.

I invite you to explore the following sections of this newsletter, which highlight our recent accomplishments and outline our ambitious initiatives for the future. These pages reflect our achievements, aspirations, and the roadmap for our continued growth.

I sincerely thank you for your unwavering support and dedication to our shared mission. We are building an institution that will stand as a beacon of knowledge and innovation for future generations.

Best Regards

**( Dr. Syed Nadeem Akhtar )**

Pro-Chancellor  
Integral University





# Message from Vice-Chancellor



It gives me immense pleasure to extend my warmest greetings to the Department of Languages for the latest edition of the newsletter. As Integral University continues its remarkable journey toward excellence, we remain committed to fostering a culture of innovation, critical thinking, and intellectual rigor in every sphere of our institution.

One of the key pillars in achieving academic and professional success is the ability to communicate effectively. Writing skills are paramount, not only for academic success but also for nurturing the creativity and analytical mindset that students need to thrive in today's globalized world. It is through precise expression and thoughtful discourse that ideas turn into impactful innovations.

At Integral University, we take immense pride in our research programs across all disciplines. These programs are vital catalysts for enhancing our national and international recognition. By encouraging our students and faculty to engage in cutting-edge research, we are laying the foundation for sustained academic excellence and innovation that will undoubtedly improve the perception of our university on both national and international stages.

I would also like to take this opportunity to congratulate the editorial board of this newsletter on their remarkable work in showcasing the talents of our students and faculty. Your dedication and hard work play a crucial role in shaping intellectual discourse within our university community.

I wish everyone involved continued success and look forward to seeing how our collective efforts will further elevate Integral University in the years to come.

Warm regards,

**(Prof Javed Musarrat)**

Vice Chancellor



# Message from Executive Director (IIMS&R)

I am delighted to connect with you through the latest edition of Kaleidoscope '24, the Annual Magazine of the Alumni Welfare Association of Integral University (AWAIU). This publication celebrates the enduring relationship we share with our alumni, reflecting your remarkable achievements and contributions to society while upholding the values of excellence nurtured by Integral University.

The past year has been exceptional for Integral Institute of Medical Sciences & Research (IIMS&R). One of our most significant milestones has been the accreditation of Integral Hospital by the National Accreditation Board for Hospitals & Healthcare Providers (NABH). This prestigious recognition reaffirms our commitment to delivering world-class healthcare services by ensuring that our facilities, staff, and systems meet the highest standards of quality and safety.

I am also delighted to inform you that the National Medical Commission has approved the addition of four postgraduate (MD/MS) seats each in Anesthesiology and Obstetrics & Gynaecology. Equally, I take pride in announcing that both the Integral Institute of Nursing Sciences & Research (IINSR) and the Integral Institute of Allied Health Sciences & Research (IIAHSR) have significantly increased their student intake. These achievements are a testament to our unwavering dedication to enhancing academic quality and patient outcomes across the Integral University family. Furthermore, we have made remarkable strides in healthcare innovation through the Ayushman Bharat Digital Mission, ensuring the seamless delivery of healthcare services to countless patients.

Our dedication to continuous learning and professional development has been reflected in a series of impactful events and workshops held over the year. Among them, a workshop on Point-of-Care Echocardiography provided invaluable hands-on training to our medical students and faculty, enhancing their diagnostic capabilities in critical care. Additionally, the Symposium on Chronic Low Back Pain and Minimally Invasive Pain and Spine Interventions (MIPSI) introduced participants to state-of-the-art techniques in pain management. We also organized a workshop on Mechanical Ventilation, keeping our medical professionals abreast of the latest advancements in ventilatory care, empowering them to handle complex patient cases with skill and precision. These and many other events have contributed to both faculty and student growth, reinforcing our commitment to educational and clinical excellence.

Looking to the future, our mission remains clear: to push the boundaries of medical education, provide compassionate and personalized care and foster innovation that will shape the future of medicine.

Finally, I would like to extend my sincere gratitude to the Alumni Welfare Association for its tireless efforts in keeping our alumni connected and

cultivating a vibrant community. Your commitment to strengthening the bond between alumni and the university is invaluable. I look forward to witnessing the continued expansion of our alumni network as we collaborate to build a healthier and brighter future for all.

**(Syed M. Fauzan Akhtar)**

Executive Director -  
IIMS&R (Health Care),  
Integral University, Lucknow



# Message from Executive Director

Directorate of International Affairs, Integral University

I am delighted to witness the New Edition of Integral University's Newsletter 2024. As we progress through another academic year, I am gratified to see the immense hard work and exemplary skills of the Integral family who have helped us embark this journey of enlightening the minds of our young scholars who are to define the future structure of our country.

This academic year has brought many opportunities for growth, innovation, and collaboration. Our faculty continues to lead groundbreaking research, our students are achieving new heights in academic and extracurricular endeavors, and our alumni remain steadfast in their support of our mission. We have seen remarkable achievements across all fields, from new research grants to community outreach programs, and I couldn't be more proud of what we are collectively accomplishing.

This campus is not just a place of learning, but a vibrant community where diversity of thought and inclusiveness are fostered. I'm pleased to share the launch of several new initiatives designed to enhance the student experience, including establishment of collaboration with leading industries for research and internship opportunities, enhancing campus infrastructure with state-of-the-art facilities and launching new programs in emerging fields such as AI and Sustainability.

As we look to the future, I am confident that this grand Institution will continue to thrive as a Leader in higher education, providing students with the skills and knowledge needed to succeed in an ever-changing, dynamic world. I invite each of you to stay connected, engaged, and contribute to our vibrant university community.

I seize this opportunity to render my gratitude to the Editorial Board for remaining committed to the core values of excellence, integrity and service to the university programs. Let us continue to tread on our path of shared mission of excellence in education. Together, we are building a brighter future for all.

Warm regards.

I am sure the activities showcased in this issue will certainly leave a long - lasting impact on the mind of readership. Enjoy Reading!

[Syed Adnan Akhtar]  
Directorate of International Affairs,  
Integral University





# Message from Registrar

It gives me great pleasure to address this edition of the Integral University Newsletter issue of November, 2024, published by the Department of Languages. This newsletter is an important platform for highlighting the academic, cultural, and research activities that exemplify the vibrancy of our university.

At Integral University, we strive to create an environment that not only fosters academic excellence but also encourages innovation, research, and holistic development. This newsletter highlights the recent advancements made by our students, faculty, and staff, showcasing their dedication, hard work, and unwavering commitment to the institution's mission and vision.

The past few months have been filled with noteworthy accomplishments. From pathbreaking research projects and academic collaborations to vibrant student activities and community outreach programs, each milestone adds to our legacy of academic distinction. I am immensely proud of the collective efforts that have brought us to where we are today.

In the coming months, Integral University will continue to host a series of important events, including international conferences, seminars, workshops, and cultural activities that will enrich our academic environment and foster interdisciplinary learning.

I take this opportunity to thank all members of the Integral family for their invaluable contributions. Your dedication is what helps us to continually grow and excel, making Integral University a leader in education, research, and service.

As you go through this newsletter, I encourage you to reflect on our shared accomplishments and look forward to the opportunities that lie ahead.

(Prof. Mohammed Haris Siddiqui )  
Registrar



# Highlights of the Accomplishments and Engagements of Prof. Javed Musarrat,

Hon'ble Vice-Chancellor during the Academic Session 2023-24

## RESEARCH PUBLICATION PROFILE (CITATIONS and H-INDEX)

Sl. No.	Scientific Citation Indexing Service/Platforms	Research Publications	Citations	h-Index
1	Web of Science Gp/Publons	174	8392	51
2	Scopus	200	11199	59
3	Google Scholar	228	15000	69 (i10-index: 165)

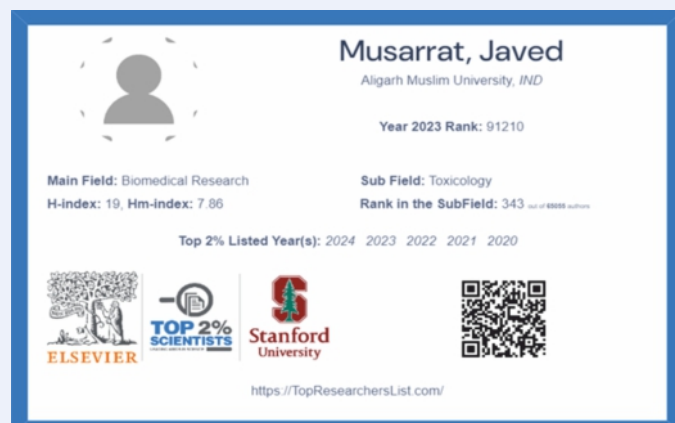
ORCID:<http://orcid.org/0000-0001-5981-3813>

Web of Science Researcher ID :I-1942-2013; Scopus ID: 7004600448;

ADScientific Index ID: 3423

## PROF. JAVED MUSARRAT FEATURED AMONG WORLD'S TOP 2% SCIENTISTS FOR FIFTH CONSECUTIVE YEAR

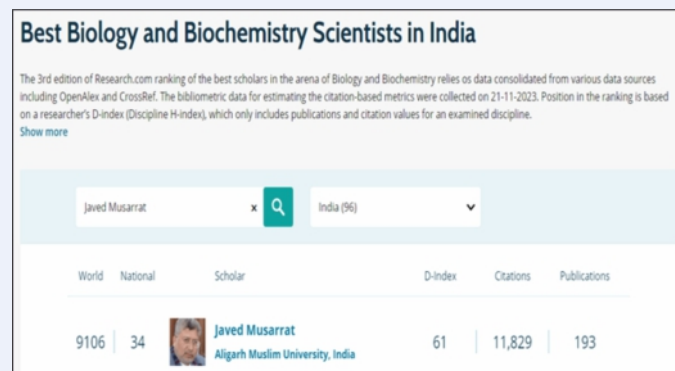
Prof. Javed Musarrat, Vice Chancellor of Integral University, has been recognized in Stanford University and Elsevier's annual list of the world's top 2% scientists for five consecutive years. This prestigious honor reflects his research productivity, influence, and impact based on h-index and composite citation score (c-score).



AD Scientific Index		Rankings for Scientist		University, Subject, Country, Region, World	
World Scientist and University Rankings 2024					
Aligarh Muslim University					
Javed Musarrat					
	In Aligarh Muslim University (262)	In India (79,607)	In Asia (404,739)	In World (1,333,438)	
Total H	64	#6	#247	#4,041	#35,394
Last 6 year H	51	#7	#219	#3,298	#26,181
Last 6 year H / total H	0.797				
Total i10	161	#10	#912	#7,564	#43,633
Last 6 years i10	136	#9	#546	#5,607	#29,122
Last 6 years i10 / Total i10	0.845				
Total Citation	13,262	#9	#570	#6,999	#59,959
Last 6 years Citation	8,405	#9	#453	#5,934	#39,369
Last 6 years Citation / Total Citation	0.634				
Medical and Health Sciences *	#1 (36) *	#34 (5,651) *	#363 (33,791) *	#6,120 (130,520) *	
Microbiology *	#1 (3) *	#3 (477) *	#13 (1,380) *	#221 (5,182) *	

## Alper-Doger Scientific Index World Scientists Ranking 2024

### Research.com ranking of the Best Researcher in the discipline of Biology and Biochemistry (3rd Edition-2023)



## A GLIMPSE OF THE IMPORTANT EVENTS ATTENDED:

1. Keynote Speaker at the Inaugural Session of the online International Faculty Development Program on "Literature, Society and Thoughts: An Effort Towards Sustainable Development" organized by the Department of Languages from 10<sup>th</sup> to 21<sup>st</sup> July 2023.
2. Distinguished Speaker at the Inaugural Session of the Orientation Program-2023 of Integral University on 24<sup>th</sup> August 2023.





3. Addressing the Inaugural Session of the “1st U.P. State Ranking Table Tennis Tournament” conducted by Lucknow District Table Tennis Association under the auspices of U.P. Table Tennis Association at Integral University from 7<sup>th</sup> - 9<sup>th</sup> July 2023.
4. Keynote Speaker at the Valedictory Function of the Workshop on “Basic Microbial & Molecular Techniques” organized by the Department of Bioengineering on 21<sup>st</sup> - 26<sup>th</sup> August 2023.



5. Chief Guest of the Inaugural Session of the "National Nutrition Month-2023" organized by the Department of Food & Nutrition, Era University from 1<sup>st</sup>-30<sup>th</sup> September 2023.



Prof. Abbas Mehndi Hon'ble VC, Era Medical University felicitating Prof Javed Musarrat, Hon'ble VC Integral University

6. Graced the Felicitation Ceremony of the “National Award for Excellence in Education-2023” organized by the Association of Muslim Professionals (AMP) on 5<sup>th</sup> September 2023.
7. Chief Guest of the Seminar on “The Saiyid Hamid Foundation Memorial Lecture” organized by the Trustee Saiyid Hamid Foundation at Aligarh on 9<sup>th</sup> September 2023.

8. Delivered Special Address at the Awareness Generation Programme on “Solar Energy Intervention for Sustainable Lifestyle” celebrated on World Ozone Day organized by the Department of Environmental Science in collaboration with TERI-EIACP, New Delhi on 16<sup>th</sup> September 2023.



9. Delivered Presidential Address at the Inaugural Session of the International Seminar on “Application of Microbes in Synthetic Biology and Allied Sciences” organized by the Department of Biosciences on 18<sup>th</sup> September 2023.



10. Distinguished Speaker at the Inaugural Session of the National Seminar on “Recent Approaches for Production & Values Addition of Millets (Shree Anna) in Changing Climate Scenario” organized by the Department of Agriculture in collaboration with UPCAR on 29<sup>th</sup> September 2023.





11. A keynote speaker at the Inaugural Session of the 4<sup>th</sup> Global Multi-Track Virtual Conference STAR-2023 organized by Integral University in collaboration with the Unifacvest University, Brazil, South America and Special Minds', India from 8<sup>th</sup> to 14<sup>th</sup> Oct. 2023.
12. Keynote Speaker at the Inaugural Session of the National Seminar on "National Agricultural Education Policy: Current and Future Perspectives and Integral Farmer's Award Ceremony" organized by the Department of Agriculture on 4<sup>th</sup> November 2023.



13. Graced the Expert Talks delivered by Prof. Syed A. Hashsham, Centre of Microbial Ecology, Michigan State University, USA.
- i. "Peace and Development" organized by the Department of Bioscience to commemorate **World Science Day** on 10<sup>th</sup> November 2023.
- ii. "Infections Disease Diagnostics and Antimicrobial Resistance" organized by the Faculty of Pharmacy on World Antimicrobial Resistance Week from 18<sup>th</sup> to 24<sup>th</sup> November 2023.
14. Graced the event "Innovation Nexus: Startups Synergies" organized by the Centre for Incubation & Entrepreneurship Development (CIED) on 02<sup>nd</sup> December 2023.



15. Address the Inaugural Session of International Conference on "Advancing Sustainable Futures-2023" & "Award

Ceremony" organized by the UI Green Metric World University Rankings, Abu Dhabi University, Dubai on 5<sup>th</sup>-6<sup>th</sup> December 2023.



16. Graced the "MoU Signing Ceremony" inked with CSIR-NBRI, Lucknow on 13<sup>th</sup> December 2023.



17. Keynote Speaker at the Panel Discussion of the Summit on "29<sup>th</sup> Eldrok India K-12 Summit" at Holiday Inn Lucknow Airport Hotel, Lucknow on 2<sup>nd</sup> February 2024.





18. Distinguished Speaker at the Inaugural Session of the International Conference on “Environment, Religion and Culture-2024” organized by the Department of Languages and HRDC from 6<sup>th</sup> to 8<sup>th</sup> Feb. 2024.
19. Addressing the “Induction Program” for “Faculty Members, Teaching Supporting and Administrative Staff” organized by the Human Resource and Development Cell (HRDC) from 9<sup>th</sup> to 10<sup>th</sup> February 2024.



20. Graced the Association of Indian Universities (AIU) North Zone Vice-Chancellors' Meet 2024 and Bharat-Nepal Higher Education Summit on “Globalization & Industrialization of Higher Education” organized by the Kathmandu University, Kathmandu, Nepal from 15<sup>th</sup>-16<sup>th</sup> February 2024.



21. Distinguished Speaker at the Inaugural Session of the International Conference on “Multidisciplinary Perspective towards Sustainability in the Era of Artificial Intelligence-2024” organized by Department of Humanities & Social Sciences from 5<sup>th</sup> to 5<sup>th</sup> March 2024.
22. Keynote Speaker at the Inaugural Session of the International Conference on “Novel Paradigms in Pharmaceutical Sciences an Approach for Heal Their World” organized by the Faculty of Pharmacy from 9<sup>th</sup> -10<sup>th</sup> March 2024.



23. Keynote Speaker at the Inaugural Session of the Workshop and Awareness Programme for “Urban Water Management and Nature Conservation” organized by the Department of Environmental Sciences in collaboration UP Jal Nigam (Urban), Lucknow and CII-Young Indians (yi) Climate Change Action Vertical from 18<sup>th</sup> to 22<sup>nd</sup> March 2024.



24. Graced the “MoU Signing Ceremony” and establishment of “Center of Excellence for Advance Building Materials & Sustainable Development” organized by the Department of Civil Engineering in collaboration with Ultra Tech Cement on 28<sup>th</sup> March 2024.
25. Graced the “TiE University Global Pitch Competition (Chapter Finale)” organized by Integral Startups Foundation in association with TiE Lucknow on 22<sup>nd</sup> April 2024.





26. Address the online Inaugural Session of the five days Short Term Course on “Research Methodology and Publication Ethics” organized by Association of Indian University and Integral University AIU-IU-AADC from 22<sup>nd</sup>-26<sup>th</sup> April 2024.



27. Distinguished Speaker at the Inaugural Session of the International Symposium on “Role of AI in Biological Sciences: Recent Trends” organized by the Department of Biosciences on 23<sup>rd</sup> April 2024.



28. Distinguished Speaker at the Inaugural Session of the National Seminar on “New Vistas in Chemical and Applied Sciences” organized by the Department of Chemistry on 29<sup>th</sup> April 2024.
29. Graced the event “The Chancellor's Trophy-The first State Level Inter-University Declamation Competition” organized by the Literary Committee and Department of Languages on 30<sup>th</sup> April 2024.



30. Keynote Speaker at the Inaugural Session of the International Workshop on “Psychotherapeutic Modalities: An Interventional Approach to Overall Wellbeing” organized by the Department of Humanities & Social Sciences from 1<sup>st</sup> to 3<sup>rd</sup> May 2024.



31. Distinguished Speaker at the Session on “Empowering Early-Stage Entrepreneurs: Embracing Growth through Learning from Hiccups and Failures and Overcoming Export Challenges” organized by Integral Startups Foundation, CIED on 6<sup>th</sup> May 2024.





32. Speaker at the Inaugural Session of the Introductory Workshop on “Astrophysics and Cosmology” organized by the Department of Physics in collaboration with IUCAA, Pune from 2<sup>nd</sup>-4<sup>th</sup> May, 2024.



33. Addressed the Quality Improvement Program (QIP) on “Pathways to Excellence: Enhancing Accreditation, Rankings and Outcome Based Education” organized by the IQAC 08<sup>th</sup> May 2024.



### MEETINGS WITH EMINENT ACADEMICIANS

1. Collaborative Meeting with Dr. N. Zaheer Ahmad, Director General, CCRUM, New Delhi on the occasion of “MoU Signing Ceremony” between Integral University and Central Council for Research in Unani Medicine, Ministry of Ayush, Government of India on 24<sup>th</sup> August 2023.



2. Interactive Meeting with Squadron Leader Toolika Rani, G20 Brand Ambassador of U.P., Ex. Indian Air Force Officer and

Dr. Prabodh Kumar Trivedi, Director and Professor, (AcSIR), CSIR-CIMAP, Lucknow on 19<sup>th</sup> September 2023 at the Secretariat of the VC, Integral University, Lucknow.

3. Performance Review Meeting with Prof. M. H. Shahid, Department of Mathematics, Jamia Millia Islamia, New Delhi on 23<sup>rd</sup> September 2023 at the Secretariat of the VC, Integral University, Lucknow.
4. Performance Review Meeting with Prof. Aquil Ahmed, Department of Statistics & Operation Research, AMU, Aligarh on 23<sup>rd</sup> September 2023 at the Secretariat of the VC, Integral University, Lucknow.
5. Interactive Meeting with Dr. Prabhu Aggarwal, Vice-Chancellor, Bennett University, Greater Noida on 30<sup>th</sup> September 2023 during his visit to Integral University.
6. Collaborative meeting with Prof. Aamir Ahmad, Sr. Research Scientist Hammad Medical Corporation, Doha, Qatar on 9<sup>th</sup> October 2023 at VC Secretariat, Integral University.
7. Attended online meeting with the Hon'ble Governor of U.P. on "Viksit Bharat@ 2047" organized by the University Grants Commission on 9<sup>th</sup> December 2023.
8. Interactive Meeting with Ms. Naghma Tabassum, SDM of Bihar on 9<sup>th</sup> December 2023 at the Secretariat of the VC, Integral University, Lucknow.



9. Visited Governor House to attend the online meeting with the Hon'ble Prime Minister of India on "Viksit Bharat@ 2047" on 11<sup>th</sup> December 2023.
10. Collaborative and Planning Meeting with Ms. Nasreen Ahmed, Director, Customer Success, KOI Technologies,





Dubai on 30<sup>th</sup> January 2024 at the Secretariat of the VC, Integral University, Lucknow.

11. Status Update meeting with the members of the ICAR Peer Review Team Dr. Rajashekar, Dr. P. P. Murugan and Dr. Anuradha Agrawal on 12<sup>th</sup> June 2024 at the Secretariat of the VC, Integral University, Lucknow.

#### MEETINGS WITH INTERNATIONAL ACADEMICIANS

1. Meeting with H.E. Dr. Bassam Alkhatib, Ambassador of Syrian Arab Republic to India and H.E. Mr. Ahmed Sule, High Commissioner Federal Republic of Nigeria to India during their visit to Integral University on 15<sup>th</sup> July 2023.
2. Meeting with a high-powered delegation from the Kyrgyzstan during their visit to the University on 22<sup>nd</sup> August 2023.
  - Mr. Urmat Ishenbekov (Former Member of Parliament)
  - Mr. Ibragim Malsagov (President-As-Safa)
  - Mr. Evraz Osmonov (Shareholder K MU-Bishkek)
  - Mr. Mirlan Kaldybai (Former Director - Licensing Dept, Ministry of Education)
  - Mr. Amir Ali (Sec General, Association of International Businessman)
  - Mr. Iskender Ormon Uulu (Director - ALP International Pvt. Ltd.)
  - Mr. Z. Ahmad Faruqi (Chairman, UP Sunni Central Waqf Board).



3. Meeting with Mr. Mehrdad Seirafi, Managing Director, Alpha Brain Technologies, The Netherlands during his visit to Integral University on 15<sup>th</sup> September 2023.
4. Meeting with Mr. Yahya Ahmed Saud Al Dughaiishi, First Secretary, Embassy of the Sultanate of Oman, during his visit to Integral University on 19<sup>th</sup> September 2023 on the occasion of International students' Induction Program.



5. Meeting with Dr. Zhyldyzbek Zhakshylykov, Rector and Dr. Kudaibergen Osmonaliev, Dean-Medicine of Ala-Too International University, Kyrgyzstan during their visit to Integral University on 13<sup>th</sup> October 2023.



6. Meeting with Prof. Elisabetta Marino, Department of English, University of Rome, Italy on 5<sup>th</sup> February 2024 during her visit to Integral University.





# Department of Agriculture



Pannal Discussion during the National Seminar: **Save Natural Resources to Save Planet Earth**

- A one-day National Seminar on “National Agricultural Education Policy: Current and Future Perspectives” and “Integral Farmer’s Award Ceremony” was organized by the Department of Agriculture, Integral Institute of Agricultural Sciences and Technology (IIAST), Integral University, Lucknow, on November 4<sup>th</sup>, 2023 at the Central Auditorium of Integral University. This Seminar marked a significant milestone in addressing current challenges and future perspectives in agricultural education. Organized by the IIAST, the event brought together experts, academicians, and farmers to share insights and celebrate the exemplary contributions of farmers. The National Seminar and Integral Farmer’s Award Ceremony were resounding successes, with around 800 attendees and participants. The event facilitated meaningful discussions, recognized agricultural excellence, and fostered collaboration in agriculture. The presentations and discussions showcased the commitment of Integral University and the IIAST to advancing farm education and honoring those who contribute significantly to the agricultural sector.
- The Integral Institute of Agricultural Science and Technology (IIAST) and Association for Natural Resource Conservation and Management (ANRCM), Lucknow, jointly organized a National Seminar on “Save Natural Resources to Save Planet Earth” at Integral University on 22/04/2024. In recognition of Earth Day 2024’s theme of “Planet vs. Plastics”, the seminar aimed to bring together experts to deliberate on Sustainable Development Goals and effective solutions for managing critical natural resources such as agriculture, soils, forests, drylands, etc. Reflecting on the event, it was

evident that the Earth Day program united agriculture experts to catalyze positive change and foster a sustainable future for our planet. By addressing crucial issues and exploring innovative solutions, the seminar paved the way for collective action towards environmental conservation and resource management.

## **Kisan Goshthi :**

In the academic session 2023-2024, Nineteen Kisan Goshthies were organized in Khwaja ka Purwa, Bhagatpurwa, Palka, Lalpur, Manpur lala, Paikramau, Dasauli, Bhakamau, Basha and Anwari villages respectively. The topics discussed in Kisan Goshthies were Integrated Pest Management, Cultivating a Cleaner Future, Strategies for Agricultural Waste Management, Integrated Crop Management Practices in Rabi Crops” (Rabi ki Faslon Me Samanvit Prabandhan, Post-Harvest Management and Value Addition of Potato Crop, Weed Control and Disease Management in Rabi crops, Badalte Huye Jalwayu Parivesh Mein Rabi Faslon Ki Buwai ewam Prabandhan, Scientific Production Technologies in Vegetable Crops, Maximizing Crop Value: Insights from IIAST’s Kisan Goshthi on Value Addition, Crop Residue Management and its Economic Benefits, Integrated Rural Development in India: An Inclusive Approaches for Farmers Prosperity, UP CM Kanya Sumangala Yojana, Watershed Management and Government Schemes Supporting Irrigation Facilities, Integrated Pest Management (IPM) in Agriculture, Income Generation Activities in Agriculture, Sustainable Farming: Nurturing our Land, Livestock and Livelihoods, Sustainable Farming Practices to Promote Soil Health, Water Conservation And Crop Biodiversity, Inclusive



Approaches for Rural Development in India, Integrated Disease Management in Crops, and Value Addition of Horticultural Crops: Issues and Strategies.

#### Guest lectures :

In the Academic Session 2023-24, the Department organized 4 guest lectures on the topics: **“Advanced Mechanization for Sugarcane Crop Production”** by Dr. Sukhbir Singh, Principal Scientist, Division of Agricultural Engineering, ICAR-IISR (ICAR-Indian Institute of Sugarcane Research), Lucknow, **“Soil Testing and Nutrient Management”** by Dr. Lal Bahadur, Principal Scientist, Soil Science Laboratory, CSIR-National Botanical Research Institute, Rana Pratap Marg, Lucknow, **“From Seed to Spice: Celebrating the Flavourful Path”** by Dr. P.K. Singh, former Registrar ANDUAT (Acharya Narendra Deva University of Agriculture and Technology), **“Creativity and Innovation for Generating Intellectual Property”** by Dr Poonam Jayant Singh, ARS (Biochemistry), National Bureau of Fish Genetic Resources (NBFGR), Lucknow.

#### Training programs :

The Department organized a two-day Integrated Pest Management (IPM) training program in collaboration with the Central Integrated Pest Management Centre (CIPMC), Lucknow. The program was designed to educate farmers about the principles of IPM and promote sustainable and eco-friendly Agricultural practices. On the occasion of the International Women's Day, a training program was organized for female farmers and students on Jaivik Kheti me Vermicompost ka yogdaan: Samuhik Anubhav evam gyan. The objective of the vermicomposting training program was to educate women farmers about an effective method for recycling organic waste, including kitchen scraps and agricultural residues. The program **“Quality Improvement Training Program on Mint”** was organized in collaboration with the Spices Board (Ministry of Commerce and Industries, GoI) Regional Office, Barabanki at village-Bhagatpurwa. Also, a 3- day "Training program on Soil Techniques for Management of Soil Health and Optimizing Agricultural Production" was a successful event.

#### Educational Visits :

The Department organized an educational visit to Kisan Mela at Chandra Shekhar Azad University of Agriculture and Technology, Kanpur, on 8<sup>th</sup> October 2023 for B.Sc. (Hons) Agriculture students. The visit aimed to provide insights into the latest innovative ideas, technologies, and best practices in agriculture and allied sectors. The next visit was organized to Chandigarh and Manali from 9<sup>th</sup>-14<sup>th</sup> Jan 2024 for students of B.Sc. (Hons.) Agriculture 3rd Year. The students exhibited active participation throughout the journey, demonstrating a genuine enthusiasm for learning. Exposure to diverse agricultural practices in both Chandigarh and Manali proved to be enriching, while interactive sessions with experts broadened their perspectives. The visit fostered bonds among students while enriching their academic insight. Another visit was organized in Integral Krishi Vikas Kendra (IKVK), Kursi, Barabanki on **“World Veterinary Day”**. The celebration of World Veterinary Day proved to be an enriching and educational experience for the students of B.Sc. (Hons.)

Agriculture 1<sup>st</sup> year. Through engaging activities, informative sessions, and hands-on experiences, participants gained valuable insights into live stock management, sustainable agriculture, and the critical role of veterinarians in society. Similarly, a visit to the Regional Meteorological Center at Amausi Airport, Lucknow, was organized by the students of B.Sc. (Hons) Agriculture II Year and B.Tech. Agricultural Engineering on occasion of the World Meteorological Day on March 23, 2024.

#### Achievements

Integral Institute of Agricultural Science and Technology, Integral University was honoured with the Academic Excellence Award at Leadership Conclave 2024

1. The Agriculture Leadership Conclave, held on July 10, 2024, at Hotel Holiday Inn in Aerocity, New Delhi, featured prominent figures from agriculture and politics, including Sh. Nitin Gadkari, Hon'ble Union Minister of Road Transport and Highways, Sh. Shivraj Singh Chouhan, Hon'ble Union Minister of Agriculture and Farmers Welfare, Sh. Eknath Shinde, Hon'ble Chief Minister of Maharashtra, Sh. Surya P. Shahi, Hon'ble Agriculture Minister of Uttar Pradesh, and M.J. Khan, President of the Indian Chambers of Food and Agriculture. Their presence enhanced the importance of the conclave and highlighted the critical role of agriculture in the Indian economy and rural prosperity. Integral University was recognized for its outstanding contributions to academic standards and the agricultural sector through the Integral Institute of Agricultural Science and Technology. Prof. Syed Waseem Akhtar, Hon'ble Chancellor and founder of the university, and Prof. Mohd. Haris Siddiqui, the Registrar, received the award from the Ministers Shivraj Singh Chauhan and Nitin Gadkari. This honour highlights the university's dedication to innovation, research, and development in agriculture, benefiting the farming community.
2. The Department of Agriculture, Government of Uttar Pradesh, awarded a letter of appreciation to the Department of Agriculture, Integral Institute of Agricultural Science and Technology, in recognition of its exemplary service in Agriculture.
3. IIAST was conferred with a letter of appreciation by the Uttar Pradesh Council of Agricultural Research for its outstanding role in the academics and training of the students.
4. The Department received Prashasti Patra from the Regional Central Integrated Pest Management for its exceptional services in the area of Pest Management.



Canons in a frame in the National Seminar on Save Natural Resources to Save Planet Earth



# Anti-Ragging Day-2024



Prof. S.M.K. Rizvi, Dean, Students' Welfare & Chief Proctor, BBD University, Lucknow along with Prof. T.S. Usmani & Prof. M.A. Khalid



Honouring the Guest: A Token of Gratitude



# Department of Architecture



## **IIRF ranked Department of Architecture 2<sup>nd</sup> Best Institute in Uttar Pradesh and 28<sup>th</sup> in Country.**

The Department of Architecture, Integral University, has been ranked 28<sup>th</sup> in the country and 2<sup>nd</sup> in the State of Uttar Pradesh. This progress is not overnight as it involves hard work towards equipping our students with the best possible training in Architecture, helping them realize their potential in view of the massive demand for Indian Architects worldwide.

## **Global Human Resource Development Centre Pvt. Ltd. Architecture Colleges Survey 2023 awarded 5<sup>th</sup> rank in the Category of Excellence and 3<sup>rd</sup> rank in the Northern Region.**

The Global Human Resource Development Centre Pvt. Ltd. (GHRDC) Architecture Colleges Survey 2023, awarded Faculty of Architecture, Planning & Design, Integral University, Lucknow, 5<sup>th</sup> rank in the Category of Excellence and 3<sup>rd</sup> rank in the Northern Region.

## **Indian Green Building Council (IGBC) Students Chapter launch on 31<sup>st</sup> March, 2023 :**

Mr. Anand Muthukrishnan, Deputy Executive Director, IGBC & Vice Chair, World GBC's Asia Pacific Regional Network (APN) launched the (GBC Students Chapter at Integral University, Lucknow, in the august presence of Dr. Syed

Nadeem Akhtar, Hon'ble Pro Chancellor, Integral University; Prof. Javed Musarrat, Hon'ble Vice Chancellor, Integral University, Prof. Mohammed Haris Siddiqui, Registrar Integral University, Mr. Amit Srivastava, Co-Chairman, IGBC Uttar Pradesh Chapter, Prof. Zeba Nisar, Dean, Faculty of Architecture, Planning and Design, Integral University; Dr. Safiullah Khan, Head, Department of Architecture, Integral University; Faculty members & students. It was held on 31<sup>st</sup> March at campus of Integral University, Lucknow.

The purpose of the IGBC students' chapter is to disseminate information & give aspiring technologists, a platform, particularly, in sustainable design & green construction. By founding the IGBC students' chapter, Integral University joins a group of experts who are paving the way for Green construction in India, which will aid in raising students knowledge of environmental sustainability.

## **Participation of students in "IDCS Design Week":**

Students from Architecture and Design program participated in the Students Workshop. The topic was "**Industrial Plumbing Design**", "**Tangential Thinking & Expressing Yourself**" and "**Elements of Design & Its Platform of Uses**". Also, students of Architecture performed Nukkad natak with full zest. The student received the certificate of participation and their works was

appreciated by the Senior Architects of Lucknow.

#### **“World Interiors Day” with Members of the Indian Institute of Interior Designers (IIID) Lucknow Regional Chapter:**

The event aimed to create awareness about the significance of interior design in enhancing the quality of life and promoting sustainable environments. Members of the Indian Institute of Interior Designers (IIID) Lucknow, Regional Chapter, were invited to participate, share their expertise, and engage in fruitful discussions.

The event began with an inaugural session where representatives from the IIID Lucknow Regional Chapter – Ar. Vishal Jain (Chairperson), Ar. Prasenjit Sanyal (Chairperson Elect.), Ar. Aviral Agarwal (Hon. Secretary), Mr. Sanjay Mittal (Vice Chairman), Ar. Rohit Gupta (Hon. Treasurer), and Ar. Parul Gurha (Jt. Hon. Secretary) shared insights on the significance of World Interiors Day and its impact on the profession.

Certificate distribution ceremony was held to recognize and appreciate the students' efforts and participation in the outreach activity Nukkad Natak jointly hold by the Department of Architecture and IIID Lucknow Chapter, held on 17<sup>th</sup>-19<sup>th</sup> March 2023.

#### **FoAPD hosted an educational visit for the 2<sup>nd</sup> year B.Arch students of Aligarh Muslim University, Aligarh, U.P.:**

The purpose of the visit was to exchange the dialogues, to explore the infrastructure and to discuss the teaching methodology adopted at Aligarh Muslim University and Integral University. The students appreciated the work of our students and also the quality of infrastructure & facilities available within the department.

#### **Plantation Drive:**

The faculty members along with the students planted the plants within the courtyard also visited Junior High School, Paikaramau for plantation drive. The students of the school were educated about the importance of plant in our daily lives by the faculty members.

#### **Career Guidance & Placement counseling by Designer “AMAN MATHUR”:**

The session was conducted by “Aman Mathur- (Owner of Aman Mathur Fashion House & renowned fashion designer in Lucknow)” was started with an introduction of Fashion Design as career paths to the students, where the students were given insights about the Programs offered in the faculty and were accorded with words of wisdom to keep carrying the beacon of light and to always strive to move forward in career & life. The aim of this counselling session was to guide the students about the various career (Fashion Designing, Styling, Production,

Communication, Journalism, Content Creation, Fashion Business) and placements in the field of designing.

#### **Painting Competition:**

The event organized by the department on the theme – “Vasudhaiva Kutumbakam” or “One Earth, One Family, One Future”, on 7th February, 2023, at the Seminar Hall of the department.

Students were asked to design, draw and color the painting using the colors and other materials and finish the work in a stipulated time frame. The paintings were judged based on concept, materials used, skill and presentation.

#### **International Fame Award (IFA) 2023:**

**INTERNATIONAL FAME AWARDS** foster an environment where the best efforts of charities and eco work can result in the best outcomes for society. The IFA 2023 was held at New Delhi and the Research scholar Ar. Abu Saleh won the prestigious award on 19<sup>th</sup> March, 2023.

#### **An expert lecture on “Rendering” by Ms. Sugandha Maheshwari:**

The External Expert Ms. Sugandha Maheshwari, College of Arts and Craft, Faculty of Fine Arts, University of Lucknow, delivered a lecture on “Rendering for Enhancing the Presentation Drawing Development.”

#### **Seminar on “Design Approach and Thinking Criteria for an effective Designer”:**

The expert talk started with the welcome and introductory address of Dr. Safiullah Khan, Head, Department of Architecture. He highlighted the importance of the design thinking approach used for practical and creative problem-solving. He also briefly discussed the benefits of using a Design Thinking approach-be it in a business, educational, personal, or social context.

He emphasized the scope and purpose of Architectural Design as an important phase of every project, focusing heavily on the functionality and aestheticism of the project. He delivered a very informative lecture & discussed the five phases of design thinking.

#### **Industry/ Field visit to “Ansari Handloom, Zaidpur, Barabanki, UP”:**

The aim of the visit was to educate the students about the various techniques used in weaving and printing in the fashion industry. As a part of Bachelor of Design (Fashion Design) curriculum, these types of field visits play a vital role in the overall development of the students by making them aware of the techniques used in weaving and printing.



### **Industry/ Site visit to m/s Pinnacle Kitchen & Furnishes, Gomti Nagar, Lucknow:**

To meet out the industrial and current trends of industry, it is very important for Architecture, Interior designing students to get exposure and think for future. The purpose of the visit was to provide exposure and practical knowledge about the human factors and ergonomics, new construction materials as well as execution techniques used for Kitchen in contemporary trends. As a part of B.Arch and B.Des. (Product and Interior Design) curriculum, these types of visits proved to be very fruitful in overall development of the students by experiencing and making them aware of the latest construction technologies and industry standards.

### **Students' Visit to "Home Centre, Phoenix Mall":**

The purpose of the visit was to educate the students about the Anthropometry applied in furniture and furniture layout as well. As a part of B.Arch. & B.Des., these types of visits play a vital role in overall development of the students by making them aware of the latest construction technologies and industry standards. As per their study curriculum, human measurement & ergonomics are at the center and play an important role in their design exercises. For understanding the types of Residential furniture, the visit was scheduled as the "Home Centre" showcase their furniture through furniture layout mockups for various spaces viz-a-viz a bedroom, dining area, drawing cum living area, etc.

### **Photowalk at British Residency, Lucknow:**

In alignment with the vision of the University and it's Programs where Industry Exposure & Field Visits are the key aspects for quality education and imparting excellence, The 'Photography Club' of Faculty of Architecture, Planning & Design, organized a Photo walk at British Residency, Lucknow, for students of the Photography Club, which encompasses undergraduate students from Architecture, Interior Design & Fashion Design streams of the Faculty. The Photo walk was aimed to explain students the techniques and basics of types of Photography and their uses and let students have experiential learning beyond the classroom for their elective subject Architectural Photography. Since a Photo walk is a source of inspiration & a time of learning, this eventful Photo walk at British Residency, Lucknow, was aimed to help students practice their skills as a photographer and try new techniques & accessories; stretching their creativity; and to unwind from academics and enjoy the beauty of the world around us.

### **Symposium organized by the Heritage Club:**

Mahira Foundation functions as a multi-faceted cultural agency that specializes in helping museums, archives, and cultural

institutions such as public and private collections understand their strengths, identify opportunities and work in new ways. Their services comprise Research, Documentation, Archiving, Collection Management, Conservation, Exhibitions and Project Development.

The session started with an Introduction to Heritage, Art & Culture, its importance and contribution in the field of Architecture and Design.

### **"Tie & Dye" Workshop:**

The student learned 7 different types of Tie & Dye techniques by providing color contrast to the fabric. Under the guidance of the fashion design faculty members the complete process was carried out. After the completion of the product they were exhibited in the Textile Lab. Counselling Session for Higher Education for Polytechnic Students.

An orientation and counselling session for students of the Diploma in Architecture, University Polytechnic, Integral University on 26<sup>th</sup> May 2023. The session started with an introduction of Architecture & Interior Design as career paths to the students attending the session by Prof. (Ar.) Zeba Nisar - Dean, Faculty of Architecture, Planning & Design, Integral University and Prof. (Dr.) Safiullah Khan - Head, Department of Architecture, Integral University; where the students were given insights about the Programs offered in the Faculty and were accorded with words of wisdom to keep carrying the beacon of light and to always strive to move forward in career & life. The students were offered a guided tour of the Faculty - Studios, Construction Yard, Material Museum, Photography Lab and CAD Lab.

### **"Tattoo & Mehendi making":**

The Department organized a "Tattoo making" event for the awareness of program Bachelor of Fashion Design course in the University. This program was free of cost for all the students and members in the campus. The aim of the event was to make the students familiar with the program Bachelor of Fashion Design. Also, the students were able to exhibit their skills towards other and enhanced the confidence of our students.

### **Card making Competition on the theme - "Shikshak Parv":**

Shikshak Parv or Teachers Festival (5<sup>th</sup> September to 9<sup>th</sup> September 2022) is an initiative of the Ministry of Education and the Government of India (GoI) celebrate the Teacher's Day to commemorate the birth anniversary of the former President of India Dr. S. Radhakrishnan. Students from B.Arch and B.Design participated in this competition. Students were asked to design, draw, color, paint or decorate the card using waste materials brought by them and finish the work in a stipulated time frame.



The cards were judged based on design, materials used, skill and presentation.

#### **Expert Lecture Series on: “Socio-Economic Planning”:**

The program started with a guest lecture on the Financial Model for Slum Rehabilitation by Ms. Aakriti Singhai, an alumnus of School of Planning & Architecture, New Delhi. Currently she is serving as a manager at the Castellan Real Estate Partners, New York, conducted on 15<sup>th</sup> Nov 2022. She is an active member of International Metropolitan Fellowship and is very active in the field of research in urban policies. In her lecture, she covered Economic condition of our country, case study to understand the condition of slums & community participation.

On the Third day, a guest lecture was started by Mr. Piyush Girgaonkar an urban planner. He has worked as a Senior Private Secretary to Chairman Dr. Vinay Sahasrabudhe in the Parliamentary Standing Committee on Education, Women, Children, Youth & Sports, Govt. of India.

#### **Seminar on: “Global Reach Seminar: an approach for higher studies” held on 3<sup>rd</sup> April, 2023.**

The seminar was graced by the presence of Prof. V.K Garg, who has been an academican for over 45+ years and has handled professional and academic responsibilities in various capacities. The session began with a welcome address followed by introduction of the experts who gave the students a briefing on the prospects of overseas higher education. The seminar ended with an in-depth interactive session between students and the experts and a huge round of applause.

#### **Alumni Interaction Program:**

The alumni welfare association of Integral University in

association with the department, organized an Alumni interaction program, on 12<sup>th</sup> December, 2023 at the Seminar Hall of Architecture Department. The interaction was with our alumnus Ar. Mohammed Muhiuddin Khan (Bachelor of Architecture, 2008 Batch), Regional Architect and CI manager at Jaguar Landrover.

#### **Counseling & an Interactive Session:**

The expert Ar. Mohammad Yusuf Hasan, (Heritage and Conservation Head Lucknow under Mahira Heritage) gave a detailed overview of developing soft skill. The meet was conceptualized with the objective to guide the students in opting for the right career path as they depart from Integral University. He emphasized the scope and purpose of Architecture Profession as an important and most reputed profession. He delivered a very informative lecture on scope of Architecture in today's world.

#### **Webinar on “POCSO Act and the Prevention of Child Sexual Abuse”:**

The Rakshin Project, a youth led movement, Pan India, meant to stop child sexual abuse, started with a directive received by Sakshi, from the directorate of the NSS, Ministry of Youth Affairs & Sports, Government of India, for delivering workshop with NSS volunteers. As per the circular received from Council of Architecture on 22<sup>nd</sup> May, 2023, the Department of Architecture organizes a Webinar on “POCSO Act and The Prevention of Child Sexual Abuse” by Ms. Anjali Vaidya, organized by Ikhlas Club, FoAPD, in collaboration with “The Rakshin Project by Sakshi”, on 30<sup>th</sup> May 2023.



Canons in a frame in the National Seminar on *Save Natural Resources to Save Planet Earth*



# Department of Bioengineering

## Awards & Nominations:

### Dr. Alvina Farooqui:

She was nominated among the **Top 100 Muslim Women of U.P.** shattering stereotypes by Rising Beyond the Ceiling (RBTC) a global initiative by Dr. Farah Usmani (international health, gender & development expert based in New York) to shine a spotlight on the achievements of Muslim women of India.

- **The Excellence Award** during the National Book Fair organized by the Lucknow Tribune
- **Best Poster Presentation Award** by the International Society For Medical Food And Nutrition, Biotech Park, CST UP & Department Of Bioengineering Nutrition For Health Summit 15<sup>th</sup> October to 16<sup>th</sup> October 2023.
- **Best Poster Presentation Award** by Institute of Engineering and Technology-AKTU BIOSPARK on 28<sup>th</sup> Feb 2024.
- **Vice President** of Association of Food Scientists and Technologists of India (AFSTI) Lucknow Chapter, 2023.
- **Young Scientist Award:**

### DR. ROOHI:

- She got 2<sup>nd</sup> position in National Conference on Microbial Innovations and Challenges: Opportunities for Sustainability (MICROS 2024) organized by Graphic Era University, Dehradun, Uttarakhand, India on 4<sup>th</sup> May 2024.
- **National Award for Excellence** in Education (NAEE), Association of Muslim Professionals (AMP) Special Jury Award for Higher Education Teachers College/University 2024.

### Dr. Iffat Zareen Ahmad :

- Invited lecture, on Women in STEM 2023 at Tashkent Institute of Chemical Technology, Uzbekistan (International Forum)
- Invited lecture on “Importance of Protein quality in a sustainable diet” at 25<sup>th</sup> World Congress on Clinical Nutrition (WCCN) organized by Era University, Lucknow.

## Research Projects by the Department:

The following extramural research projects are being undertaken by the Department:

### Prof. (Dr.) Iffat Zareen Ahmad:

- Awarded Research Grant of Rs. 11.56 lakhs as a Co-Principal Investigator from the Council of Science & Technology, U.P. on a project titled “In vitro secondary metabolite production through hairy root cultures in *Enicostemma axillare*-an important medicinal plant (Duration 16<sup>th</sup> October, 2024-15<sup>th</sup> October, 2027)”.

- Awarded Research Grant of Rs. 28.28 lakhs as a Principal Investigator from CCRUM, Ministry of AYUSH, Government of India on a project titled “Study and validation of the anticancer potential of prominent Unani medicines and its nanoformulations as an adjuvant against liver carcinoma” (Duration: 16<sup>th</sup> November, 2022-15<sup>th</sup> November, 2025).

### Prof (Dr.) Mohammad Haris Siddiqui:

- Awarded Research Grant of Rs. 20.29 lakhs as a Principal Investigator from the Indian Council of Agricultural Research, Government of India on a project titled “Production of Poly hydroxy Butyrate (PHB) biopolymer from *Azohydromonas australica* using cane molasses” (Duration: 9<sup>th</sup> October 2020 to 30<sup>th</sup> April 2024).

## Patents Granted:

Iffat Zareen Ahmad, Nanoemulsion-based cosmeceutical products having UV protective and anti sin cancer properties.

Gazia Nasir, A pedal-operated integrated potato peeling and slicing machine

Gazia Nasir, Portable Household Fermenter

Gazia Nasir, Solar solar-powered hydroponics system

Punit Kumar Singh, Portable solar-powered water purifier

Punit Kumar Singh, AI base device for skin cancer detection

Imran Hussain, Smart breast cancer therapeutic device.

Aisha Kamal, AI-based auto analyzer for detection of cholesterol in blood.

## A One Day seminar on: “Lifestyle Diseases and Working Women’s Health Priorities”

It was organized on 23<sup>rd</sup> September 2023. The renowned doctors, scientists, and nutritionists participated to advocate and to raise awareness against the various problems regarding health faced by working women.





## Visit of students to Central Food Technological Research Institute (CFTRI), Mysore:

The visit was aimed at participating in the International Food Convention IFCON-2023 and awarding the Lucknow chapter of the Association of Food Scientists & technologists (India) as the Young and active chapter.

### International Food Convention IFCON:

Final year B. Tech Food Technology students and research scholars participated in the conference with the theme “TRIMSAFE- Technology Re-engineering for Innovation and Mitigating the Risk for a Safe, Sustainable Affordable & Secure Food Ecosystem.”

The convention was inaugurated by Dr. S. Some Nath, the Chairman of ISRO, on December 7, at the KSOU in the Convocation Hall in Mysuru. Dr N. Kalaiselvi, the Director General of CSIR, New Delhi, addressed the participants as the chief guest. Pramoda Devi Wadiyar of the Mysuru royal family inaugurated the exhibition at the IFCON 2023. Dr. Sridevi Annapurna Singh, Director CSIR-CFTRI and Dr. N. Bhaskar, Director CSIR-IITR and President AFTSI, and Anil Semwal, DRDO-DFRL Director were the other dignitaries of the inaugural event.

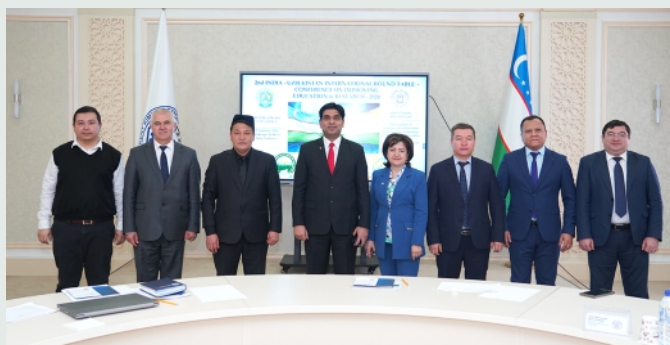
### A “One Day Educational Visit to National Sugar Institute, Kanpur” (07<sup>th</sup> June 2024)

An International Conference on “Women Innovators-2024” was organized by TICT, Tashkent, and Integral University, Lucknow under the esteemed patronage of Honourable Pro-Chancellor, Dr. Syed Nadeem Akhtar. Dr. Alvina Farooqui coordinated the event. Prof. Mohd Haris Siddiqui, Registrar of Integral University also participated in the event and in 2<sup>nd</sup> India Uzbekistan International Round Table Conference on improving Education and Research 2024.

## Seminar on “Women’s Health and Empowerment on International Self-Care Day”

Integral University, in collaboration with Pink Shakti, hosted a one-day seminar on International Self-Care Day emphasizing women's health and empowerment. The program began with a Welcome Address by Dr. Alvina Farooqui. Professor Syed Waseem Akhtar, Hon’ble Chancellor of Integral University, and Hon’ble Vice-Chancellor, Professor Javed Musarrat, expressed their views on women’s health and hygiene.

The event also featured expert sessions on menstrual hygiene, cervical cancer prevention, and mental health awareness. Distinguished guest speakers enriched the seminar with their expertise: Mrs. Manjari Upadhyay, Founder of Jijiwisha Society, discussed menstrual hygiene and dispelled associated myths. Dr. Asma Nigar, a prominent gynecologist IIMSR, elaborated on cervical cancer causes, prevention strategies, and the importance of HPV vaccination. Ms. Neha Anand, Founder of Bodhi Tree and a psychologist, emphasized the significance of mental health in today’s challenging environment. Ms. Snigdhaa Ritesh, Chief Visionary of Pink Shakti, highlighted the organization’s holistic approach to women’s empowerment through the Pink Shakti App and community campaigns, offering free mental and menstrual health counseling.



2nd India- Uzbekistan International Round Table Conference

Invited Lectures/Plenary Lectures organized by the Department		
Expert Lectures Organized for UG and PG Students	Date	Name of Speaker
<b>NMR:</b> an indispensable tool for drug design, development and delivery	22-05-2024	Prof. Ashutosh Kumar (Department of Biosciences and Bioengineering Indian Institute of Technology, Bombay)
Sensitization on Funding Opportunities and Proposal Writing for DBT	01-06-2024	Dr. Shahaj Uddin Ahmed, Scientist F, Department of Biotechnology (DBT), Government of India
Concept of nanotechnology & application in packaging and delivery of bioactive molecules	21-03-2024	Dr. Mudasir Ahmad NIT, Srinagar
Ultrasound-assisted techniques in food processing	10-01-2024	Mr. Sameer Ahmad NIFTEM, Haryana
Webinar on Stipendicum hungaricum program: research opportunities in Hungry, Europe	17-12-2023	Mohd. Danish MATE, SH Scholar Mohd. Ali PhD, MATE SH Scholar
Unlocking structural biology via cryo-em	8-12-2023	Mr. Haaris Safdari University of Hamburg, Germany
Are sugar importers emerging as new determinants of drug resistance in yeast	28-11-2023	Prof. Rajendra Prasad Dean, Faculty of Science Engineering and Technology, Director, AIISH and AIB

# Department of Biosciences

Interantional Symposium



International Symposium on Artificial Intelligence in Biological Sciences: Recent Trends organized by the Department of Bioscience.

## **A Special Awareness & Sensitization Program on Ayushman Bharat Health Account (ABHA/HEALTH CARD)”:**

The Department of Biosciences (DST-FIST Sponsored) at Integral University serves as a hub for research and educational endeavors aimed at fostering a multidisciplinary understanding of modern biology. The department has garnered recognition for its receipt of extramural grants from prominent funding agencies such as DST, DBT, ICMR, DHR and UP-CST, which have been instrumental in bolstering its research infrastructure. Supported by the DST-FIST grant, the Department has successfully enhanced its instrumentation facility. Research within the department spans various critical areas including Clinical Biochemistry, Cancer Biology, Nanomedicine, Plant Molecular Biotechnology, Neurobiology, Stem Cells and Regenerative Medicine. Notably, students have excelled in competitive examinations such as NET/GATE and have pursued training, including doctoral and post-doctoral studies, at prestigious institutions both nationally and internationally.

The department hosted a series of expert lectures featuring distinguished speakers. These sessions aimed to enrich the knowledge of both faculty members and students by offering insights and opportunities to engage with experts on a variety of topics, including the significance of good laboratory practices, understanding complex microbial communities, drug resistance

in yeast and the potential applications of nutraceuticals in addressing neurological dysfunction. Moreover, the guest lectures motivated and helped the students to develop a range of skills, including critical thinkings and reasoning abilities.

## **New Grants**

- Dr. Mohammad Rumman, Assistant Professor, Department of Biosciences, Integral University, Lucknow, has received a grant from Council of Science and Technology, Uttar Pradesh (CST-UP), of Rs. 15,36,000/- entitled “Investigating the role of Icariside II (ICSII) in Parkinson’s Disease model” as Principal Investigator (CST/D-917).

## **Ongoing Projects:**

- Dr. Snober S. Mir, Professor and Head, Department of Biosciences, Integral University, Lucknow, has received a grant from Science and Engineering Research Board (SERB), under Core Research Grant of Rs. 35,46,500/- entitled “Elucidation of Hsp90 Inhibition in Combination with Repurposed Drug Metformin as a Therapeutic Strategy Against Lung Cancer” as Principal Investigator (CRG/2022/005220).
- As Co-PI (SUR/2022/002111).
- Dr. Salman Khan, an Assistant Professor in the Department of Biosciences at Integral University in Lucknow, has been





awarded a research grant of INR 28,80,000/- from DST-SERB-SURE. The grant has been allocated for his project on **An Approach Towards Improving Care for Alzheimer's Disease and Type 2 Diabetes Mellitus Through the Design of Nano-Chaperones Targeting Amyloid-beta Peptide and Islet Amyloid Polypeptide Aggregation**, with project number SUR/2022/002111.

- Dr. Mohd. Khubaib, Assistant Professor of the department has been awarded a research grant of INR 13.40 Lakhs from Council of Science And Technology (CSTUP), Uttar Pradesh. The grant has been allocated for his project on **Unravelling the functional cooperation between Ubiquitin-protease pathway and Xenophagy (Selective autophagy): Role of Toxin-Antitoxin (TA) family proteins of Mycobacterium tuberculosis.**

#### Patents:

The Department of Biosciences has filed four patents, one of which has been granted as a national patent, while another as international patent. One international Registered Design has also been granted during this period. One national patent has already been published. The details are enlisted as below:

##### 1. Granted:

Title of IPR	Authors Name	File Number	Name of The Patentor	Patent Details	Patent Status Published /Filed	Patent Number	Title of The Patent	Date of Award/ Date of Award of Patent
Patent	Dr. Farina Mujeeb	160968	Ankit Verma, Ashapurna Sinha, Farina Mujeeb, Sandeep Kumar	405587-001	Granted	405587	Biosensor Equipped Toxin Detection Device	03/22/2024

##### ii. Applied:

Title of IPR	Authors Name	File Number	Name of The Patentor	Patent Details	Patent Status Published /Filed	Patent Number	Title of The Patent	Date of Award/ Date of Award of Patent
Patent	Arshi Siddiqui, Uzma Afaq and Geetanjali Mishra	202311063312	Integral University	Published	Published	1	Isolation method for slow and fast developers in a predatory ladybird beetles, Propyleadissecta (mulsant).	10/13/2023

Title of IPR	Authors Name	File Number	Name of The Patentor	Patent Details	Patent Status Published /Filed	Patent Number	Title of The Patent	Date of Award/ Date of Award of Patent
Patent	Mohd Saeed, Irfan Ahmad, Nawaf Alshamamri, Samra Siddiqui, Nadiyah M. Alabdallah, Mohammad Y Alshama	6306520	Integral University	Published	Published	1	Nanotechnology Based Antimicrobial Bandage Dispensing	09/09/2023
Registered Design	Dr. Jahanarah Khatoon	202023 104309.7	Integral University	Published	Published	1	IoT Based Automatic Biological Vermi Compost Maker	01/09/2023

### Adjunct Professor

Prof. Shahabuddin Khan, Professor, Cancer Biology, Laboratory of Animal Research Center, Qatar University, Qatar is associated with Department of Biosciences, Integral University as an Adjunct Professor. As Principal Scientist/ Head of research core, he is involved in a variety of oncology-related research projects. Prof. Khan is known for his strong knowledge and experience in basic and clinical cancer research and human malignancies. He has more than 25 years of expertise in the field of cancer research and translational oncology. He has written more than 300 research articles having h-index 71 and i10-index 211. He has successfully completed more than 30 research projects and guided around 100 UG/PG students. Prof. Khan is listed among the top 2% of the scientist globally published by Stanford University, USA.

### Details of seed money provided to teachers for research :

Sl. No.	Name of the Faculty	Project Title	Money received (Lakhs)
1	Dr. Andleeb Khan	Tricyclodecan-9-yl-xanthogenate (D609), a glutathione mimetic, neuroprotective against amyloid beta (A $\beta$ 25-35) toxicity in SHY-SY5Y cells	Rs. 2.50
2	Dr. Mohammad Rumman	Investigating the neuroprotective effects of Lacosamide in Parkinson's Disease model	Rs. 2.50

### The list of the students, their awards and membership details are attached herewith as:

Sl. No.	Title of the innovation	Name of the Awardee	Name of the Awarding Agency with contact details	Year of Award	Category-institution/ teacher/ research scholar/ student	Link
1	International conference at school of applied and life sciences, Uttaranchal University, Dehradun. Bioactive Compounds and Antibacterial Efficacy of Aerial Tissue Extracts of Genus Datura Against Potent Multidrug-Resistant Bacteria	Swati Saxena	Ist prize in oral presentation	2023-24	Research Scholar	<a href="https://drive.google.com/file/d/1idsfQm0L6SMxLvqb7bBjV1zPQ2wiPQj/view?usp=drive_link">https://drive.google.com/file/d/1idsfQm0L6SMxLvqb7bBjV1zPQ2wiPQj/view?usp=drive_link</a>



The list of the students, their awards and membership details are attached herewith as:

Sl. No.	Title of the innovation	Name of the Awardee	Name of the Awarding Agency with contact details	Year of Award	Category-institution/ teacher/ research scholar/ student	Link
2	International Seminar on Application of Microbes in Synthetic Biology & Allied Sciences Organise by department of biosciences, Integral University, Lucknow	Sana Parveen	IInd prize flash talk presentation	2023-24	Research Scholar	<a href="https://drive.google.com/file/d/1wDhBgzxNsOHoBdWObF9ojtnklVgys18g/view?usp=sharing">https://drive.google.com/file/d/1wDhBgzxNsOHoBdWObF9ojtnklVgys18g/view?usp=sharing</a>
3	International Seminar on Application of Microbes in Synthetic Biology & Allied Sciences Organise by department of biosciences, Integral University, Lucknow	Smita Rai	IIIrd prize flash talk presentation	2023-24	Research Scholar	<a href="https://drive.google.com/file/d/1ACxSM4TbD14GBS8IQACzwxatLDeVKV4P/view?usp=sharing">https://drive.google.com/file/d/1ACxSM4TbD14GBS8IQACzwxatLDeVKV4P/view?usp=sharing</a>
4	Emerging Trends in Computer Aided Drug Design, Centre for bioinformatics and computational biology, CSIR, Lucknow	Urvashi Tiwari	Ist prize in Poster presentation	2023-24	Research Scholar	<a href="https://drive.google.com/file/d/1RLDV2DNXe3bvsEMNQL0lyJnslhaKWAWE/view?usp=sharing">https://drive.google.com/file/d/1RLDV2DNXe3bvsEMNQL0lyJnslhaKWAWE/view?usp=sharing</a>
5	Poster presentation in BioSpark, IET, Lucknow.	Sana Parveen	2nd position in poster presentation	2023-24	Research Scholar	
6	DST- SERB and UP CST sponsored International conference on Novel Paradigms in Pharmaceutical Sciences an Approach for Healthier World	Sana Parveen	Ist prize in oral presentation	2023-24	Research Scholar	<a href="https://drive.google.com/file/d/1YNby-LaGD60EUvnU5thMaonuRmo0WhpS/view?usp=sharing">https://drive.google.com/file/d/1YNby-LaGD60EUvnU5thMaonuRmo0WhpS/view?usp=sharing</a>



Expression of appreciation: A well-organized session

# Integral Business School

## Department of Business Management

### Placement of a Wish Tree on campus:

Integral Business School, in collaboration with the Integral University Social Services (IUSS), BIG FM, and Swapna Foundation, organized a significant event. The placement of a Wish Tree on campus on 4th October. The event aimed to support needy and underprivileged children by collecting their wishes and encouraging the community to contribute to their fulfillment.



Placement of a Wish Tree on campus

### Entrepreneurial Masterclass on Research-Based Preventive Healthcare:

Integral Business School, the Department of Business Management, organized Entrepreneurial Masterclass on **Research-Based Preventive Healthcare: Real Life Problem Solving using the Case Method** on 7<sup>th</sup> October, 2024. The guest speaker was Ms. Stuti Lal, Founder Director, Bikalp Herbs.

### Entrepreneurship & Innovation as career opportunity using the Case Method:

Integral Business School, the Department of Business Management, organized **Entrepreneurship & Innovation as career opportunity using the Case Method**, on 5<sup>th</sup> October, 2024. The session was conducted by Prof. Rihan Khan Suri, Director Centre for Innovation & Entrepreneurship, Jamia Milia Islamia, New Delhi, Former Pro VC, Delhi Skill and Entrepreneur University (Govt. of NCT of Delhi).

### Guest Lecture on "How to Write Books and Become an Author"

The Department of Business Management, organized a Guest Lecture on **How to Write Books and Become an Author** on 27<sup>th</sup> September, 2024. The session was taken up by Prof. Parikshit N. Mahalle, Dean Research and Development, Professor, Department of AI & DS, Vishwakarma Institute of Technology, Pune, Maharashtra.

### Cultural Activities on the Independence Day:

On the India's 78<sup>th</sup> Independence Day, the Integral Business School's Activity Club, organized a series of vibrant cultural events to commemorate the occasion on 14<sup>th</sup> August, 2024. The competitions successfully organised under the theme India@78 were: Solo Singing Competition, Poster Making and Still Photography Competition.

### Quality Improvement Program:

The Department of Business Management, hosted a Two-Week Quality Improvement Program (QIP) from July 15 to July 30, 2024. Guided by Executive Director Syed Adnan Akhtar, Vice Dean Prof. Adeel Maqbool, and Head Prof. S.S. Mazhar. This online program aimed to enhance the skills of faculty members and research scholars. Over the 14 days, participants engaged in over 140 hours of online learning through video sessions, assignments, quizzes, discussions, and feedback. The QIP was carefully designed to cover many crucial aspects of faculty development in today's digital world. Each day featured a session led by an expert in their field.

### Extension Activities

#### Awareness campaign themed "Mera Pehla Vote-Desh Ke Liye":

In order to encourage young voters to cast ballots in the upcoming parliamentary elections, the Government of India launched the "Mera Pehla Vote-Desh Ke Liye" national voting awareness campaign, which the Faculty of Commerce & Management in partnership with the National Service Scheme (NSS) organized an extension activity on 21<sup>st</sup> March, 2024. One of the villages the university has embraced is Paikramau, Kursi



Road, where the extension activity was held. Many department students took part in the largest democratic festival in our nation, interacting with the villagers and encouraging them to take part actively. They also told them that voting is important and that they have a sacred duty to cast their ballots for the country.

#### **Extension Activity on the theme "Each One, Teach One"**

The Department of Business Management, in partnership with Integral University's National Service Scheme (NSS), conducted an Extension Activity on 24<sup>th</sup> April, 2024, in the Village Paikramau on the theme "Each One, Teach One". The program's theme was "Each One, Teach One," which highlights the dynamic exchange of ideas that occurs when every student takes on the role of a teacher. Participating in these activities helped students develop a cooperative and collaborative spirit, deepen their own learning, and empower others. Additionally, these efforts allow community members to pool their resources and insights; they can also effectively address local concerns. "Each one teach one" programs also promoted a sense of accountability and ownership for community development, creating a long-term framework for advancement.

#### **Digital Saksharta:**

Under the supervision of Prof. Adeel Maqbool, Vice Dean FCM, and Prof. Syed Shahid Mazhar, Head, Department of Business Management at Integral University, organised a visit to Paikramau, Lucknow, on 14<sup>th</sup> February, 2024, in the Paikramau panchayat bhavan to educate the rural populace about "Digital Saksharta." The goal was to raise awareness among the rural populace about the significance of Digital Saksharta in society and to transform their perspective towards its inclusive growth. About ten motivated students took part and took the lead in educating rural residents about the digital saksharta abhiyaan and teaching them how to use computers or other digital access devices from Integral University. The program was coordinated by Dr. Rizwana Atiq.

#### **Girl Child Education Awareness:**

Department of Business Management conducted an extension activity with the collaboration of NSS (National Service Scheme) on 29<sup>th</sup> April, 2024 under the guidance of Dean, Prof. Adeel Maqbool and Head, Prof. Syed Shahid Mazhar. This extension activity was organized with the aim of spreading girl child education awareness within the rural communities. This activity aims to enhance awareness about the importance of girl child education and women empowerment. The extension activity's main goal was to inform people of rural areas about girl child education, gender equality, girls' rights and women

empowerment. The activity was attended by around 230 students. The activity was coordinated by Department coordinators, Dr. Tabassum, Dr. Nazia Akhlaq, Dr. Kainat Akhtar Usmani, Dr. Ankur Saxena and Dr. Priyanka Bajpai.

#### **Rural Digital Saksharta Abhiyan:**

Under the guidance of the Dean of Student Welfare, the Department of Business Management organized an extension drive on the topic of "Rural Digital Saksharta Abhiyan." The event was held at the village of Palka, Kursi Road, Lucknow, on 19<sup>th</sup> February, 2024. About eighty people showed up for the event, thirty-five of them Integral University students. Students enacted a brief play about the steps involved in creating a PAN and AADHAR card. Finally, a march across the hamlet was led by students and faculty members, who carried the banner "**Digital Bharat Banaynge Jan Jan thak Suvidha Pahunchayenge**". The goal of the Rural Digital Saksharta Abhiyan is to provide digital literacy to rural residents so they may effectively use digital resources for banking, healthcare, education, government services, and other purposes.

#### **Viksit Bharat @2047 Abhiyan:**

An awareness program was held by the Department of Commerce, Faculty of Commerce & Management, to inform and educate students about the "Viksit Bharat @2047 Abhiyan," the Hon. Prime Minister of India's flagship initiative to make India a fully developed nation by 2047—that is, 100 years after independence. The government has declared that the main goal of the "Viksit Bharat @2047" vision paper is to encourage inclusive economic engagement among all residents.

#### **Marketing Pitch Competition:**

The Marketing Club of the Department of Business Management hosted a Marketing Pitch Competition on 30<sup>th</sup> April, 2024. The Marketing Pitch Competition demonstrated the students' inventiveness and spirit of entrepreneurship. Six vibrant teams competed, showcasing their creative marketing and business concepts. The purpose of the event was to develop participants' strategic thinking and creative thinking skills while encouraging teamwork and excellence.

#### **International Women's Day:**

The Department organized an inspiring event to commemorate International Women's Day on 9<sup>th</sup> March, 2024. This event demonstrated the University community's unwavering dedication to promoting equality and empowerment while serving as a vibrant tribute to the enduring spirit and achievements of women.

#### **Essay Writing Competition:**

The Department of Commerce, organized an essay writing competition to honour Dr. B. R. Ambedkar's legacy and contributions on 23<sup>th</sup> April, 2024. Dr. Shujauddin Khan and Dr. Mohammed Mustehsan, Assistant Professors in the Department of Commerce, oversaw the event. The event was attended by more than 100 students and staff members, and 70 students from various classes and streams competed.

#### **Consumer Rights Day:**

The Department hosted an interdepartmental quiz with the theme "Fair and Responsible AI for Consumers in observance of "Consumer Rights Day,"" on 17<sup>th</sup> March, 2024. The entire event was convened by Prof. Adeel Maqbool, Vice Dean of Faculty of Commerce & Business Management and Prof. Syed Shahid Mazhar, Head of Department of Business Management and coordinated by Dr. Aisha Badruddin, Associate Professor in Department of Business Management. The major aim of the occasion was to instruct learners regarding the consequences of artificial intelligence (AI) on consumer rights and to cultivate a more profound comprehension of the significance of just and principled AI methodologies in the domain of safeguarding consumers.

#### **Workshop on Personality Development and Pre-Interview:**

A Personality Development and Pre-Placement Training Workshop was conducted for MBA\_SCM and BBA\_SCM students by the department from 7<sup>th</sup> to 10<sup>th</sup> May, 2024. The workshop was guided by Prof. Adeel Maqbool, and Prof. Syed Shahid Mazhar, in addition to Mr. Gaurav Sinha from Seekho. A total of 160 UG and PG final-year students participated in this 30-hours quality enrichment training program.

#### **Industrial Visit at Gyan Dairy:**

Under the guidance of the Dean, Prof. Adeel Maqbool and the Head, Prof. Syed Shahid Mazhar, and Mr. Gaurav Sinha from Seekho, the department, in association with Seekho, organized an Industrial Visit on 30<sup>th</sup> March 2024 with students from MBA (Supply Chain Management) 2<sup>nd</sup> Semester at Gyan Dairy Lucknow to understand production, procurement, inventory management, logistics and supply chain management practices being followed at the plant.

#### **Guest Lecture on "Creativity and Innovation in Agriculture Business":**

The Department organized a guest lecture on the topic "Creativity and Innovation in Agriculture Business" on 1<sup>st</sup> May, 2024. This lecture intended to educate research scholars, and students about the creative and innovative initiatives in agriculture business.

#### **Expert Lecture on Blending MOOCs in Regular Studies for Enriching Learning Experience:**

The Department hosted an Expert Lecture with Dr. Smita Srivastava as the Guest Speaker on "Blending MOOCs in Regular Studies for Enriching Learning Experience" on 18<sup>th</sup> March, 2024. Dr. Abdul Tayyab Khan, Dr. Orooj Siddiqui, and Dr. Shahab Ud Din coordinated the event. The goal of the lecture was to increase faculty and student awareness of MOOCs in regular studies for enriching the learning experience.

#### **MoU inked with International Academic and Research Institutions:**

An agreement was signed by Integral University and Szechenyi Istvan University, Hungary for a novel and stimulating academic program. The design of this curriculum gives our students the exceptional chance to earn two prestigious degrees: an MBA from Integral University and an MSc in International Economics and Business from Szechenyi Istvan University, Hungary.

#### **Students Progression and Placements:**

A total of 88 students has shown progression in their academic level, whereas 110 students have attained placements, likely involving jobs or internships. This implies that a higher number of students have successfully secured placements compared to those making progress, potentially indicating a robust job market or effective career support.

#### **Details of seed money provided to teachers for research**

S.No.	Name of Principal Investigator	Title of Project	Duration of Project	Amount Granted for Project	Granting Organization
1	Dr. Gaurav Bisaria	A Study on effectiveness of Skill India Mission (PM Kaushal Vikas Yojna) on citizens of Lucknow, and Kanpur- A case study on selected urban and rural areas of Lucknow, and Kanpur district.	Two Years	1,20,000	Integral University



# Caption Hydration Drive Camp organized by Alumni Welfare Association



Hon'ble Founder & Chancellor Inaugurating the "Drink Fresh Saty Refreshed" Hydration Drive Organised by Alumni Welfare Association IU



An initiative to keep people hydrated from scorching heat by the dignitaries of Integral University.

# Center for Career Guidance & Development (CCG&D)

Training activities for employability enhancement of students as per the following details

## Training Programs Conducted and Key Interventions:

Several initiatives were taken along with regular training programs and interventions, including industry interactions, competitive examinations preparation sessions, expert talks from various domains including healthcare, etc.

S.No.	Training Activities
1	C Language & DBMS Online Session by the QSPIDERS, Bangalore for 20 days B. Tech./B. Sc./ BCA /M. Sc. / MCA / M. Tech.
2	Webinar by “Excellence Global Skills” on Financial Literacy Program for BBA / B.Com / MBA / M.Com. on 25 <sup>th</sup> July 2023.
3	Webinar on “Leveraging ChatGPT for Landing Dream Job: a Meet up Guide” by Unicampus with the support of Aegis School of Data Science and Assess for B. Tech. / BBA / BCA / B. Com. / MBA / MCA 11 <sup>th</sup> August 2023.
4	Webinar “Empowering Investors Hackathon” on Securities Exchange Board of India (SEBI) for BBA / B.Com. / MBA / M. Com. on 13 <sup>th</sup> August 2023.
5	Online session on “GUVI’s AI for India 2.0” by The Ministry of Skills Development and Entrepreneurship (MSDE) B. Tech. (CSE) / BCA / MCA on 15 <sup>th</sup> August 2023.
6	University Fair 2023 Education USA ‘Study in the U.S.’ for All Courses/ All Batch on 29 <sup>th</sup> August 2023.
7	Training Program in “Spoken English” September 11, 2023, for all branches.
8	Student Interaction with Director - CCG&D “On Career Guidance and Future Options” for Final Year B.Tech./ Computer Application / Commerce and Management / Polytechnic/ on 20 <sup>th</sup> September - 06 <sup>th</sup> October 2023.
9	Interaction Session on “IELTS Preparation” by Mr. Siddhartha Ranjan Misra (Certified IELTS Trainer) for BBA / B.Com. on 05 <sup>th</sup> October 2023.
10	Workshop on Time Complexity and Algorithm Hands-on Using C by “Tata Consultancy Services (TCS)” Mr. Rajender Kalra - Senior Technical Expert (TCS) for B. Tech./ MCA on 7 <sup>th</sup> October 2023.
11	Workshop on Sorting & Searching and Practical Problems based on Arrays by “Tata Consultancy Services (TCS)” Mr. Rajender Kalra - Senior Technical Expert (TCS) for B. Tech./ MCA on 14 <sup>th</sup> October 2023.
12	Seminar by Skills Connect on “Financial Literacy” for MBA / BBA / M. Com. / B. Com. on 10 <sup>th</sup> October 2023.
13	Campus Engagement Program by Optum - United Health Group, Gurgaon for BPT/ MPT/ B. Sc. (Nursing)/ B.Pharm./ M.Pharm./ Pharm.D./ B.Com./ BBA/ BA/ BRIT BMLT/ B. Sc. (Microbiology)/ Bachelor of Optometry (B.Optom.)/ B. Sc. (Nutrition & Dietetics/ Cardiovascular Technology) on 10 <sup>th</sup> October 2023.
14	Workshop on “Interview Preparation, Guidelines & Practice” by Mr. Gyani Pularu (Ex. GM - Pfizer India) for B. Pharma./ M. Pharma./ Pharm. D. on 12 <sup>th</sup> October 2023.
15	Seminar on “Integrated Communication & Emotional Intelligence for Success” by Ms. Tanzeem Fatima- Expert Trainer Communication/ Soft Skills for BBA/ B.Com - Final Year/ B. Tech (ECE/ EE/ Civil/ ME) on 13 <sup>th</sup> October 2023.
16	National Employability Test (WNET) by Wheebox for BBA/ MBA/ B. Tech./ M.Tech./ BCA/ MCA on 31 <sup>st</sup> October 2023.
17	Seminar on “E-Commerce Retail Entrepreneur Development” by Mr. Azam Kazmi (Founder & CEO- Tech Digitization) for BBA/ B. Com./MBA/ M. Com. on 07 <sup>th</sup> November 2023.
18	Seminar on “Overseas Admission and Scholarship” by Mr. Anoop Kishore Agarwal (Founder - My Mentor) for B. Tech. (All Branches) on 02 <sup>nd</sup> November 2023.
19	Seminar on “Data Science & Artificial Intelligence (AI)” by o Mr. Abhishek Khattry Manager- Central Partnerships, Physics Wallah for B. Tech./ Diploma on 04 <sup>th</sup> November 2023.



20	“SRIJAN” Contest by Jaipuria Institute of Management, Lucknow for. Tech. (All Branches)/ BBA/ BCA/ B.Com. on 07 <sup>th</sup> November 2023.
21	Pre-Placement Orientation by “Coding Ninjas” for B. Tech. (All Branches)/ BCA/ MCA on 3 <sup>rd</sup> November 2023.
22	Webinar on “Preleaf Placement Activity” by Masai (An organization run by Ex. IITians) for B. Tech. 26 <sup>th</sup> November 2023.
23	Connect Series Topic-wise Mock Aptitude Assessment by Mr. Shaz Alam- CCG&D for B. Tech./ BCA/ MCA 26 <sup>th</sup> November-2023 to 15 <sup>th</sup> January 2024.
24	Seminar on “UPSC/ UPPSC (IAS) Preparation” by Physics Wallah for All Courses/ All Branches on 30 <sup>th</sup> November 2023.
25	Seminar “Tips & Tricks to Crack GATE Exam” Mr. Kamal Joshi (Engineers Academy, Lucknow) for Final year & Pre-final year students 29 <sup>th</sup> November 2023.
26	Seminar on “Jio True 5G Youth Program” by Mr. Pranay Pathak- CEO & State Head (Reliance Jio UP East) for All Courses/ All Branches on 09 <sup>th</sup> December 2023.
27	Webinar By the UNICEF for B. Tech./ BBA/ BCA/ B.Com./ B.Pharm./ MBA/ MCA 06 <sup>th</sup> January 2024.
28	International Online GRE & TOEFL Olympiad by ETS Galvanize Global Education for All Courses/ All Branches on 27 <sup>th</sup> & 28 <sup>th</sup> Jan 2024.
29	Presentation on “The SPARK Model of Personality Development & Business Communication” By Ms Nasreen Ahmad, Director of Customer Success for KOI Technologies Dubai (UAE) for B. Tech./ BCA/ MCA on 30 <sup>th</sup> January 2024.
30	Webinar on “Life of an IAS officer & UPSC Civil Services as a Career Option” by IAS Academy, Chennai for B. Tech./ BBAZ / BCA/ B.Com. / B.Sc. on 13 <sup>th</sup> February 2024.
31	Seminar on “Career in Investment Banking & Data Science” by Imarticus Learning for B. Tech., MBA/ BBA/ MCA/ BCA/ B. Com. on 15 <sup>th</sup> February 2024.
32	Webinar By Skills Connects On “Financial Literacy” for MBA /BBA / M. Com. / B.Com. On 08 <sup>th</sup> March 2024.
33	Seminar on “Employability Enhancement” by NS3 Tech Solutions Pvt. Ltd. For B.Tech./ MCA/ BCA/ MBA/ BBA/ M. Com./ B. Com on 21 <sup>st</sup> March 2024.
34	Special Lineup of the Technical Training for Preparation of Written Exam for Nursing Officer in Employees State Insurance Corporation in collaboration with the Department of Nursing from April 2024 to June 2024.
35	A Two-day Online Study Abroad Workshop on “Towards Achieving Success In International Education” by Galvanize Global Education for All Final Year Students on 3 <sup>rd</sup> & 4 <sup>th</sup> May 2024.
36	Seminar on “Women’s Health” by Dr. Priyanka Gupta Manglik for B. Tech./ B.Com./ BCA/ MCA/B. Sc. (Nursing)/ ANM/ GNM (Final/ Pre-Final year) on 14 <sup>th</sup> May 2024.
37	SUMMER SCHOOL 2024- Spoken English with Grooming and Aptitude with Reasoning. from June 27 <sup>th</sup> - July 13 <sup>th</sup> , 2024.
38	Awareness/Training Session by BOATS (Ministry of Education, Govt. of India) on Thursday, 25 <sup>th</sup> July 2024



# Department of Chemistry



Left: Prof. Haris Siddiqui, Registrar, IU; Prof. Alok Dhawan, Director, Centre of BioMedical Research, Lucknow; Prof. Syed Nadeem Akhtar, Pro-Chancellor, IU; Prof. Javed Musarrat, Vice-Chancellor, IU. & Prof. Abdur Rahman Khan, COE, IU

The Department celebrated National and International days of importance like National Science Day, World Science Day, World Ozone Day and World Environment Day.

## Refresher Course/Workshop:

The Department of Chemistry and Human Resource Development Centre, Integral University, Lucknow, in collaboration with the Department of Applied Sciences, Indian Institute of Information Technology, Allahabad, organized a ten-day Refresher Course cum Workshop on "Computational Strategies for Drug Discovery and Sustainable Development from 9<sup>th</sup> August 2023-14<sup>th</sup> October 2023. The course was aligned with the Sustainable Development Goal 3 (Good Health and Well Being) and Goal 4 (Quality Education). Eminent experts were invited and disseminated current knowledge on the subject. A total of 40 successful participants were awarded the certificate of completion.

## The details of the resource persons:

Dr. Nidhi Mishra	Associate Professor, Department of Applied Sciences Indian Institute of Information Technology, Allahabad
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Ms. Anamika Mishra	Applied Sciences, Indian Institute of Information Technology, Allahabad
Dr. Shashi Bala	Associate Professor, Department of Chemistry, University of Lucknow, Lucknow
Dr. Feroz Khan	Principal Scientist, Department of Metabolic and Structural Biology, CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow
Dr. Anjani Tiwari	Professor and Head, Department of Chemistry, Babasaheb Bhimrao Ambedkar University, Lucknow
Dr. Nasimul Hoda	Professor, Department of Chemistry, Jamia Millia Islamia, New Delhi
Dr. Mohd. Imran	Senior Principal Scientist, Department of Computational Biology and Bioinformatics, CSIR-Central Drug Research Institute, Lucknow.

The students from the department participated in the **Annual Science Fest Nirantar-2023** at Isabella Thoburn College,



Lucknow. A total of 18 students proudly represented Integral University, showcasing their intellectual prowess across a multitude of events that tested their knowledge and creativity. The students participated in the intriguing **“Inquizitive”** and mind-teasing **“Pictionary”** to the enthralling **“Clash of Words”** and memory-challenging **“Mnemonics”**. They also participated in Poster Making (Science on Canvas), and linguistic skill testing in **“Spell Bee”** and **“Scrap to Asset”**.

#### World Science Day:

To commemorate this event, the department organized multi-events including Poster Making, Slogan Writing, Oral Presentation, and a Quiz Competition, revolving around the theme of the event **“Building Trust in Science”**. It was held on 10<sup>th</sup> November 2023 in D-113. The event was also aligned with the Sustainable Development Goals (SDGs) Quality Education (SDG 4) and Responsible Consumption and Production (SDG 12). The major events were: Poster Making, Slogan Writing: Oral Presentation and Quiz:

#### National Science Day:



Prof. Anil Mishra, Head, Department of Chemistry, University of Lucknow

The Department of Chemistry, in collaboration with the Association of Chemistry Teachers, celebrated the National Science Day 2024 on 28<sup>th</sup> Feb. 2024 at the Central Auditorium on the theme **“Indigenous Technologies for Viksit Bharat”**. The NSD Theme for this year’s celebration reflected a strategic focus on promoting public appreciation for Science, Technology and Innovation and the accomplishments of Indian scientists to address challenges through home-grown technologies for overall well-being. The programme was executed in two sessions.

**Session I-** was conducted on **“Indigenous Technologies for Viksit Bharat”**. The event witnessed the activities where the students presented their electronic posters to the audience. **Session II-** was on **“Stress Management Professor”**. Anil Mishra, Head, Department of Chemistry, University of Lucknow was invited as the chief guest on the occasion. The welcome

address delivered by the Dean of the Faculty of Science and Head of the Department of Chemistry, Prof. Abdul Rahman Khan. Prof. Mishra delivered an enlightening lecture on **“Stress Management”**. He emphasized the importance of Acceptance and how we can avoid stress by adopting simple habits in our lives. He also made the audience perform a simple breathing exercise.

#### Some Major Events:

Oral Presentation, E-Poster Presentation, etc.

#### Extension Activity:

The Department organized an extension activity on **“Adulteration in Food Stuffs on 17<sup>th</sup> February 2024**. The program aimed to provide students with an opportunity to interact with school children at ILM International School, located at Aman City, Kursi Road, Lucknow. The volunteers performed experiments to check adulteration in milk, tea leaf, turmeric and red chilli samples. The activity was conducted in collaboration with the National Service Scheme (NSS) unit of Integral University. The activity was coordinated by Dr. Naseem Ahmad, Dr. Nafees Ahmad and Dr. Jamal Akhtar Ansari.

#### One Day National Symposium:

A National Symposium on **“Intellectual Property Rights in Industry and Academia”** was organized by the Department on 25<sup>th</sup> April 2024 in Hall-3 of the Central Auditorium. The event was organized under the aegis of the Intellectual Property Awareness Mission (NIPAM), an initiative of the Government’s **“Azadi ka Amrit Mahotsav”**, which aimed to provide awareness of the intellectual property and its rights to 1 million students. The activity was also aligned with Sustainable Development Goals 4 (Quality Education) and 8 (Decent work and Economic Growth). Professor Abdul Rahman Khan, Head, Department of Chemistry, delivered the welcome address, followed by the addresses of Dean R&D, Professor Wahajul Haq and Director, HRDC, Professor Syed Aqeel Ahmad, Dr. Shamim Ahamd, Director and Head of IP & Legal at Aurigene Oncology (A Subsidiary of Dr. Reddy’s Laboratories) and Dr. Shahida Umar, Assistant Controller of Patents and Designs, Patent Office-Delhi, the Ministry of Commerce and Industry, Govt. of India were invited as the invited resource persons.

#### National Seminar:

The Department organized a National Seminar on **“New Vistas in Chemical and Applied Sciences”** on 29<sup>th</sup> April 2024. The seminar was planned to address the key challenges and opportunities in the arena of chemical sciences and allied fields. The keynote speakers for the event were Prof. Anil Kumar Saxena, Former Head, Medicinal and Process Chemistry

Division, CSIR-CDRI, Lucknow, and Dr. Syed Masood Husain, Associate Professor, Centre of Bio Medical Research, SGPGI Campus, Lucknow. A souvenir was also released during the inaugural session of the seminar in the esteemed presence of Honourable Pro - Chancellor Syed Nadeem Akhtar, the Honourable Vice - Chancellor, Prof. Javed Musarrat, Prof. Mohd. Haris Siddiqui, the Registrar, Prof. Abdul Rahman Khan, Dean, Faculty of Sciences, Prof. Syed Aqeel Ahmad, Director, HRDC and Prof. Wahajul Haq, Dean, Research & Development were invited as the guests in the valedictory session.

### World Environment Day:

Led by the United Nations Environment Programme (UNEP), World Environment Day is celebrated annually. The day serves as the largest global platform for environmental outreach and is celebrated by millions of people worldwide. This year's theme for the event was **"Land restoration, desertification and drought resilience"**. To mark this day, the Department organized a Guest lecture on **"Climate Change and Land Resources"** on 5<sup>th</sup> June, 2024 in online mode. The activity was aligned with Sustainable Development Goal 13 (Climate change) and 15 (Life on Land). Professor Swapnil Rai, Associate Dean, Research, Amity University, Gwalior was invited as the resource person. In his talk, Prof. Rai explained to the audience the dire consequences of global warming and climate change on flora and fauna. He illustrated the effect of corrosive and acidic water on the aquatic



Prof. Wahajul Haq, Dean of Doctoral Studies enriching the students

life. He also highlighted how the population is moving due to harsh effects of climate change, taking the example of Bangladesh. He also shared that climate change is playing a pivotal role in biodiversity disturbance.

### Guest Lectures:

**Guest Lecture on "Indigenous Technologies for Viksit Bharat"** by Professor Anil Mishra, Department of Chemistry, University of Lucknow on 28<sup>th</sup> February 2024.

**Guest Lecture on "Climate Changes and Land Resources"** by Professor Swapnil Rai, Associate Dean, Research, Amity University, Gwalior on 5<sup>th</sup> June 2024.

**National Science Day**  
THEME : INDIGENOUS TECHNOLOGIES FOR VIKSIT BHARAT

**ANCIENT INDIAN TECHNOLOGY INVENTIONS**

- Drone Acharya Crop Duster**  
Dulal Acharya channeled his passion for building model planes into creating a remotecontrolled pesticide-spraying machine that can be fitted to a GPS-guided drone.
- Brain Wave Safety Sensor**  
The brainchild of Cochin University of Science and Technology students, transmits panic and fear through a phone and triggers an emergency call.
- 3nethra**  
3nethra detects five major eye ailments: cataract, glaucoma, diabetic retina, cornea problems, eye-lens refractive errors.
- Power Wheels**  
Class 11 student, Bhopal-based Sushant Pathrak invented a breathing apparatus that, when exhaled into, can control wheelchair directions.
- VENTIT**  
Mumbai-based packager Vinay Mehta created VENTIT, a hot-food delivery box that has been praised by global pizza experts.
- Husk Power**  
This Technology distributes electricity to more than 20,000 homes in 250 villages bordering Bihar's west Champaran district.
- Desi Geyser**  
This desi geyser is a modest contraption of galvanized plain sheet that uses cow dung as fuel and can bring water to boil in five minutes flat.
- Refrigerator That Runs Without Power**  
This "refrigerator" runs without power was developed by the Central And Zone Research Institute, Jodhpur.

**CELEBRATED BY**  
**DEPARTMENT OF CHEMISTRY**  
28<sup>th</sup> FEBRUARY, 2024 at 12:30 PM ONWARDS,  
VENUE: HALL 1, CENTRAL AUDITORIUM BUILDING

**DEVELOPED INDIA MISSION**  
1947 TO 2047

**National Science Day**  
THEME : INDIGENOUS TECHNOLOGIES FOR VIKSIT BHARAT

**Ideas For The Vision VIKSIT BHARAT @2047**

**CELEBRATED BY**  
**DEPARTMENT OF CHEMISTRY**  
In collaboration with  
**ASSOCIATION OF CHEMISTRY TEACHERS**  
28<sup>th</sup> FEBRUARY, 2024  
12:30 PM ONWARDS  
VENUE: HALL 1, CENTRAL AUDITORIUM BUILDING

“Today the goal of the country is Viksit Bharat, Sashakt Bharat! We cannot stop until this dream of a developed India is fulfilled.”  
-Narendra Modi, Prime Minister



# Department of Civil Engineering



Hon'ble Founder and Chancellor of the University inaugurating  
Center for Excellence for Advanced Building Materials for Sustainable Development initiated by the Department of Civil Engineering.

The Department completed a notable collaboration with L&T EduTech has led to the inception of an industry-led B.Tech program in Civil Engineering. This pioneering initiative is the first of its kind in the state, enabling students to receive training from India's leading construction company. In February 2024, the department's commitment to quality is further exemplified by its NABL-accredited lab, making it the first in Uttar Pradesh and the tenth in India to achieve this distinction specifically for Civil Engineering testing. The department is actively engaged in consultancy projects for both government and private sectors, showcasing its practical expertise and industry involvement. The department is empaneled as a consultant with the Uttar Pradesh Metro Rail Corporation (UPMRC), highlighting its significant contributions to infrastructure development. In March 2024, in collaboration with UltraTech Cement, the department established the Centre of Excellence for Advanced Building Materials and Sustainable Development. This center emphasizes cutting-edge research and sustainable practices in construction. A notable project, involving Final year students; Syed Faizan Abbas Rizvi, Farhan Mallick, Sadiq Hussain, and Alimuddeen, has been recognized by the CST UP Engineering Students Project Grant Scheme 2023-24, receiving a grant of Rs. 20,000.

## **Five-day faculty development program on: "Emerging Techniques in Civil Engineering":**

The department organized a five-day faculty development program on Emerging Techniques in Civil Engineering from August 8<sup>th</sup> to November 4<sup>th</sup>, 2023, at the Seminar Hall, Department of Civil Engineering. This program aimed to inculcate knowledge and understanding of modern techniques and methodologies used in Civil Engineering at present.

### **The Topics Highlighted:**

**A:** Remote sensing and GIS applications in Civil Engineering  
**B:** Drone surveys and its importance  
**C:** Top-Down and Bottom-up Construction and Navigating Complex Geotechnical Issues through Finite Element Numerical Modelling Technology

## **Essay Writing Competition on: "Fit India Movement":**

As per the directives by the Higher Education, Government of Uttar Pradesh, to celebrate the **"Fit India Week 2023"** from 1st December to 15<sup>th</sup> December 2023, the Department organized an essay writing competition on 5<sup>th</sup> December 2023. The theme of the competition revolved around the Fit India Movement,

covering topics such as the importance of physical fitness, the role of sports in a healthy lifestyle, and strategies for promoting fitness at the community and national levels. 30 students participated in the essay competition.

#### “Fitness Pledge Ceremony”:

In alignment with the national initiative of the Fit India Movement, the Department of Civil Engineering launched a campaign encouraged the students, faculties, and staff to take the Fit India Pledge on 6<sup>th</sup> December 2023.

The pledge was solemnized by Prof. Syed Aqeel Ahmad, Head, Department of Civil Engineering. A Fit India Pledge Ceremony serves not only as a formal commitment but also as a catalyst for fostering a culture of health and well-being within a community.

#### Awareness Programme on “Road Safety”:

In compliance with the directives by the Govt. of Uttar Pradesh regarding model safe roads on 7<sup>th</sup> Feb., 2024, the DQAC of the department celebrated In collaboration with the Dean Students’ Welfare, conducted an effective awareness program focussed on safety precautions during driving. The objective of the program was to educate students and road users of nearby villages about the importance of adhering to traffic safety rules and implementing precautionary measures while operating vehicles, thereby minimizing the risk of accidents and ensuring road safety. The road users were made aware of the traffic signs, traffic rules, dangers of wrong-way driving, dangers of not using helmets and seatbelts and dangers of overspending.

#### “Site Visit of B.Tech Civil Engineering third year students”:

The department organized a site visit on 10<sup>th</sup> February 2024 for the B.Tech. third year students to **M/s Rishita Manhattan, Shaheed Path, Lucknow.**

The visit was led by Mr. Anwar Ahmad Associate Professor, Department of Civil Engineering, Integral University. All the students were welcomed by Er. Sanjay Diwedi, General Manager, M/s Rishita Manhattan. The students were briefed about the ongoing project and thereafter the staff of the M/s Rishita Manhattan briefed about the various Civil Engineering activities. Students also learnt about steps involved in doing the brickwork, plastering and other finishing items. They also saw the cutting, banding & fixing of reinforcement in shear walls, slabs, beams & columns, plumbing and electrical drawing and their execution at site. Student also learnt about the mivan shuttering and how it works.

The students learnt how the flats are handed over to owners and procedure to be followed & also how their grievances about maintenance are addressed.

The students took keen interest and shown discipline during the entire visit. Total number of students visited the site were twenty five.

#### Activity on “Water Quality Assessment”:

An extension activity on water quality assessment in University's adopted Village Paikaramau Village, Kursi road, Lucknow, was organized by the Department in collaboration with National



Inaugural Session for signing MoU between Integral University and Ultra Tech Cement.





Three days Seminar on Sustainable Construction Materials and Green Technologies in Civil Engineering (SCMGTC-2024) Sponsored by the Science and Engineering Research Board (SERB), India

Service Scheme (NSS), Integral University Cell, on 09th March, 2024. This programme supports the Government of India Initiated Scheme "Jal Jeevan Mission" launched by Government of India in 2019. This extension activity was aimed to enhance the awareness and skills of students through experiential learning.

A total of 167 participants from Integral University and Pakaramu village participated in the event out of which 145 students of B. Tech Civil Engineering and M. Tech Civil Engineering, actively participated in the event. The student coordinators were Ms. Jamia Hasan, Mr. Himanshu Gour and Mr. Nabeel Ahmad of B. Tech Civil Engineering.

#### **"Centre of Excellence for Advance Building Materials and Sustainable Development" & MoU Signing Ceremony":**

UltraTech Cement and Department of Civil Engineering, Integral University Lucknow, officially entered into a Memorandum of Understanding (MoU) and established a Center of Excellence (CoE) for Advance Building Materials and Sustainable Development. The center was inaugurated on 28<sup>th</sup> March 2024, by the luminaries from Integral University Prof. Syed Waseem Akhtar, Hon'ble Chancellor; Dr. Syed Nadeem Akhtar, Hon'ble Pro-Chancellor; Prof. Javed Musarrat, Hon'ble Vice Chancellor; Prof. M. Haris Siddiqui, the Registrar; Prof. Syed Aqeel Ahmad, Prof & Head, Department of Civil Engineering and Director HRDC; and from UltraTech Cement Shri. Vivek Jain, Joint President & Zonal Head S&M; Prof. Ashok Tiwari - Head Capacity Building; Er. Rajeeb Kumar - Technical Head (Building Product Division), and Er. Supreet Singh Dhadwal - Zonal Technical Head. The establishment of this CoE marks a significant milestone in our collaborative efforts to advance research and innovation in the realm of building materials and sustainable development. To achieve this goal, UltraTech Cement and Integral University were

joining hands for interdisciplinary cooperation and knowledge exchange. The event garnered extensive media coverage, encompassing a broad spectrum of media outlets and platforms, indicative of its significant impact and widespread relevance.

#### **One Month Training-cum-Workshop on "Building Information Modelling (BIM)":**

The department in collaboration with TPMC Infosolutions Pvt. Ltd, organized a comprehensive one-month training program on Building Information Modelling (BIM), aimed at enhancing the skill set of both students and faculty members. The program observed an enthusiastic participation from a total of 158 students and 4 staff members. A number of 154 students and 4 staff members had successfully completed the rigorous training course. The entire training sessions of the batch were successfully delivered by Mr. Abhishek Sharma (BIM Specialist from TPMC), Mr. Tabish Izhar (Assistant Professor, Department of Civil Engineering) and Mr. Luv Mishra (PRIMAVERA expert from TPMC). The training period was from 22<sup>nd</sup> April 2024 to 5<sup>th</sup> June 2024 with effective training of 5 hours per day, concluding to a total of 160 hours.

The training curriculum was meticulously designed to cover a broad spectrum of essential software tools integral to modern civil engineering practices. Participants were introduced to AutoCAD, REVIT, PRIMAVERA, ETABS, and NAVISWORKS, each of which plays a critical role in the BIM process. This immersive approach allowed participants to gain hands-on experience and understand the practical applications of BIM in the construction industry. The training not only enhanced the technical proficiency of the students and staff but also significantly bolstered their confidence in utilizing these tools for future projects. By the end of the program, an online test was conducted to evaluate the understanding of the participants.



### Site Visit to "Jaipalpur and Chhawan Pipe Water Supply Schemes" :

A group of 15 students from B.Tech in Civil Engineering in association with L&T EduTech, along with Associate Professor Mr. Mohd Kashif Khan and Senior Lab Assistant Mr. Mohd Yaqoob, visited the Jaipalpur and Chhawan Pipe Water Supply Schemes in Sitapur district, Uttar Pradesh on 29th April 2024. Mr. Parag Jain, manager of L&T Uttar Pradesh and Uttarakhand, along with Mr. Upander Kaiser facilitated the visit.

#### "Right to Vote":

The department in collaboration with National Service Scheme organized an awareness program on "Right to Vote" in a village Chetan Purwa, Post Basha, Kursi Road, Lucknow on 30th April 2024. The aim of the awareness program was to aware the people about their rights and responsibility in the democratic country. To increase the participation and voting percentage in the election, 65 students with faculty and staff visited in the Chetan Purwa village and discuss with the People of age 18 years and above through door-to-door campaign. participants learned about the history of voting rights and the role of elections in shaping governance.

#### "Gender Equality and Gender Sensitization":

A guest lecture on "Gender Equality and Gender Sensitization" was organized by the Department on May 09, 2024 with an intention to inculcate the importance of gender equity in the construction industry. As gender equity is a human right, therefore, this guest lecture provides complete knowledge and awareness about it.

Prof. Syed Aqeel Ahmad, Head, Department of Civil Engineering, welcomed the guest speaker by presenting the bouquet and the Integral University Memento.

The guest speaker was Ms. Nidhi Srivastava, Assistant Professor, Lucknow University.

She sensitized students with the gender equality in the construction industry, "breaking barriers & building inclusivity". She said that construction industry is the second largest industry in India after agriculture and contributes significantly to the GDP-8.99% (MSPI Report, 2023-24). Despite decades of progress, just like other sectors, gender inequality remains a persistent challenge in the construction industry.

She highlighted the topics like Patriarchy, Matriarchy and gender biased violence. She said that Gender is a socially constructed phenomenon and it is the society that stimulates the gender discriminated tendencies in us since our childhood.

#### The Alumni Interaction Program:

An Alumni interaction was organized by the Department on "Entrepreneurship in Construction: Opportunities and Challenges" on 10<sup>th</sup> May 2024 for the students of B.Tech & M.Tech. The guest speaker on this occasion was Mr. Mohd Raees Khan, B. Tech from Integral University 2013 passout and presently he is Managing Director of M/S Star Engineering and Services, Lucknow.

#### Workshop on "Intellectual Property Rights":

The department organized a one-day workshop on "Intellectual Property Rights" on 11<sup>th</sup> May, 2024, needed to inculcate how the students can use the intellectual property rights, claim the





benefits & get security in their startups.

The introductory session was taken in an online mode by Ms. Hemaxee Bhavesh Bhatt in which she explained intellectual properties, intellectual property laws & their clauses. In this session, the students were taught about the Intellectual Property Rights & their principles. Also, the students were given enough information about how to use this knowledge to proceed forward in a startup company.

#### **One Day Seminar on “Types of Modern Waterproofing Systems and Products”:**

The department organized a seminar titled “Types of Modern Waterproofing Systems and Products” on 13<sup>th</sup> May, 2024 with the collaboration of UltraTech Cement at the Centre of Excellence at the first floor of E-block. This seminar aimed to shed light on the latest developments in waterproofing technology and products.

At the seminar, Mr. Ketan Sinha, who serves as the Applicator Development Manager within the Building Products Division at UltraTech Cement, delivered the keynote address. He has Approx 7 years of experience in construction chemicals with renowned organizations like Pidilite (Dr Fixit), Astral Adhesives and currently he is working in UltraTech Cement.

#### **“Enviro Olympiad 4.0”, A National Level Online Quiz:**

On 5<sup>th</sup> June, 2024, amidst the global celebration of World Environment Day, the department took a significant step towards fostering awareness and education with the Enviro Olympiad 4.0. The theme of this year’s World Environment Day is “Land Restoration, Desertification & Drought Resilience”. This national-level online quiz event was not just a competition; it was a beacon of learning, encouraging participants of all ages to delve into the intricate issues of Land Restoration, Desertification & Drought Resilience.

#### **“Alumni Meet”2024:**

The department organized an Alumni Meet on 13<sup>th</sup> June 2024. The aim of this gathering was to foster closer connections among the stakeholders of Integral University students, teachers, and alumni with the primary objectives of enhancing educational quality, bridging the gap between industry and academia, improving placement opportunities, and creating a win-win scenario for all involved.



# Department of Computer Application

## **Expert Lecture on “IPR Awareness in Academic Institution”:**

The department of Computer Application in association with National Intellectual Property Awareness Mission (NIPAM), Ministry of Commerce and Industry, Government of India, organized an expert lecture on IPR Awareness under “PR Awareness in Academic Institution” on 9<sup>th</sup> December 2023 at Central Auditorium. The lecture aimed to enlighten students, faculty, and staff members on the significance of Intellectual Property Rights (IPR). The session provided a comprehensive overview of various aspects related to IPR, shedding light on its importance, challenges, and best practices.

## **Expert Lecture on “Beyond the Surface Delving Deeper into Deep Learning”:**

The Department organized an Expert Lecture on “**Beyond the Surface: Delving Deeper into Deep Learning**” on 18<sup>th</sup> March, 2024. The session provided a comprehensive overview of various aspects related to the concerned area, shedding light on Deep Learning. Dr. Pawan Kumar Tiwari, Assistant Professor, Department of Computer Science and Engineering, Institute of Engineering and Technology, Lucknow, delivered a lecture and enlightened the significance of deep learning to all the participants.

## **Expert Lecture on “Full Stack Development”:**

The department organized an Expert Lecture on “Full Stack Development” in Central Auditorium on 1<sup>st</sup> May 2024. This lecture aimed to enlighten a comprehensive understanding of both front-end and back-end technologies, along with practical application through hands-on experience required to become a proficient full stack developer capable of building modern web applications. Mr. Purushotam Sinha, IT Training Lead, Java FSD Trainer, Corporate Coach, Synchro (Morgan Stanley), Bangalore, discussed the topic at length.

## **Workshop on “Artificial Intelligence”:**

The department organized a One-Day free workshop on “**Artificial Intelligence**” on October 5<sup>th</sup>, 2023. The event aimed to provide valuable insights into the world of AI and its application, with a focus on hands-on learning.

The workshop was conducted by the esteemed AI Developer and Data Scientist, Mohd Faraz. His extensive expertise in the field of AI ensured a high-quality learning experience for the participants.

### **Topics covered:**

- The workshop featured insightful presentations and discussions on the latest trends in Artificial Intelligence, including machine learning, deep learning, and natural language processing.
- Expert speakers provided valuable insights into AI applications across various industries, which fostered a deeper understanding among the attendees.

- Interactive Q & A sessions allowed participants to engage with the speakers and address their queries, enhancing the learning experience.

## **Workshop on “Ethical Hacking Tools and Techniques”:**

The Department organized a One - Day workshop on “Ethical Hacking Tools and Techniques” on 19<sup>th</sup> March, 2024. The workshop aimed to provide participants with insights into the latest tools and methodologies used in ethical hacking, enhancing their understanding of cybersecurity concepts. Participants hailed from diverse academic backgrounds, including computer science, information technology, and cybersecurity. Mr. Faby Mathew from EC- Council International Council of E-Commerce Consultants, also known as EC-Council, was the esteemed Trainer for the workshop with the following points:

### **“Real-world examples and practical use cases to enhance participants’ understanding.**

“Hands-on exercises and labs were designed to reinforce learning and enable participants to practice implementing security measures within Cyber Security.

### **Value Added Course on “R Programming”:**

The department in Association with Integral University Center for Advanced Training, Integral University and Lucknow, organized Value Added Course (CAV-24-01) on ‘R Programming’ for the University students from all the branches. The four-week Value-Added Course, with 30-hours of active engagement, was organized from 18<sup>th</sup> March to 19<sup>th</sup> April 2024.

### **Byte Battle Escape “{Capture the Flag}” I**

Byte Battle Escape, also known as Capture the Flag (CTF), is a cyber-security competition organized by the Cyber Awareness Club, Integral University, Lucknow. It effectively combined comprehensive training with a thrilling CTF competition, promoting cyber security awareness and enhancing participants' skills.

### **Event Structure:**

**Module 1:** It offered an extensive training program that equipped participants with the knowledge and skills essential for excelling in CTF competitions. The training covered cryptography, steganography, networking, and web security.

**Module 2:** was the culmination of Byte Battle Escape. Participants were presented with a web portal containing 20 questions, each carrying a weight of 50 marks. Winners were determined based on their overall marks and the time taken to complete the questions, emphasizing both accuracy and efficiency.

### **Also, it covered Byte Battle Escape “{Capture the Flag}” II**

### **CTF DAY:**

**Description:** The CTF event comprised a series of challenges that required participants to solve progressively difficult problems in different categories.



# Department of Computer Science

## “A Parallel CNN Approach for Detection of Brain Tumors in fMRI Images:”

This research, conducted under the DAAD-RISE fellowship in Germany in 2023, developed a parallel Convolutional Neural Network (CNN) approach for detecting brain tumors in fMRI images. Led by Dr. Roshan Jahan from Integral University, in collaboration with Isabel Ritter from Universität Osnabrück, the study focused on using advanced algorithms to identify tumors by analyzing blood flow changes in the brain. The research was part of the DAAD RISE worldwide research internship program and aimed to enhance diagnostic tools for critical brain functions, strokes, and disease impacts using fMRI technology.

The algorithm developed through this research achieved a detection efficiency of 97.86% when tested with regression analysis, demonstrating its effectiveness as a reliable diagnostic tool. Brain tumors can cause a range of symptoms including headaches, cognitive issues, and convulsions, and can be life-threatening. The high accuracy of this model shows significant promise for early detection and treatment guidance, contributing to improved clinical outcomes for patients with brain tumors.

### Student Achievement:

#### Arduino Based Star And Planet Tracker

Hozaifa Shakeel, Insha Yasfeen Ansari, and Faiz Ahmad Raza



Hon'ble Pro Chancellor with Dr. Roshan Jahan and Dr. S. Mir with German Interns



Hon'ble Vice Chancellor with Dr. Roshan Jahan and German Interns Ms. Isabel



Hon'ble Chancellor with Dr. Roshan Jahan and German Interns Ms. Isabel



Mr. Syed Adnan Akhtar, Executive Director, International Affairs, IU

participated in the Project Display held from November 20<sup>th</sup> to 22<sup>nd</sup>, 2023, during the Innovation Festival at the Regional Science Center, Lucknow. Their Arduino-based star tracker project received significant praise and was even featured in the news. The project was also selected for a financial grant under the Council of Science & Technology, U.P. (CSTUP) - Engineering Students' Project Grant Scheme 2023-24. Additionally, they showcased their project at Integral University, where it was highly commended by the Vice Chancellor, Prof. Javed Musarrat.

This project was completed under the supervision of Dr. Faiyaz Ahmad, Associate Professor in the Department of Computer Science and Engineering. A paper related to their invention was also presented at the 2024 International Conference on Control, Computing, Communication, and Materials (ICCCCM 2024) and published by IEEE.

### **Student Achievement:**

#### **International Youth Camp in Bangkok**

The Department is excited to share that student from Integral University participated in the International Youth Camp held in Bangkok from April 22<sup>nd</sup> to April 30<sup>th</sup>, 2024, organized by Rajamangala University of Technology Rattanakosin (RMUTR). This opportunity was made possible through an MoU initiated by the Directorate of International Affairs in 2023. Three students, Mahwish Siddiqui (BBA - Business Analytics), Kulsoom Zaidi (B.Tech-CSE), and Maryam Fatima (BBA), represented the university with great enthusiasm. Their experience included visits to iconic landmarks such as the Emerald Temple and Nitasrattanakosin Exhibition Hall, as well as learning traditional Thai skills like cooking and fruit carving.

Heartfelt congratulations to these students for their outstanding representation of Integral University on the international stage. Their participation not only highlighted their personal achievements but also reflected the university's dedication to fostering global collaboration and cultural exchange. Their captivating presentation on India's rich heritage and their pride in wearing traditional Indian attire showcased the diversity and unity of our culture to an international audience.

### **Different Department Club & Committee Activities:**

#### **Expert Lecture on X-AI (Explainable Artificial Intelligence) and Generative AI Under CSI Society and Tech Club**

On May 4<sup>th</sup>, 2024, the Department of Computer Science and Engineering at Integral University, in collaboration with the Computer Society of India (CSI), Lucknow Chapter, organized an expert lecture on X-AI (Explainable Artificial Intelligence) and Generative AI. The lecture was delivered by Dr. Yazdani Hasan, a distinguished professor from Noida International University, Noida. His in-depth expertise and research provided valuable insights into the future applications of AI technologies. The event covered advanced topics in AI, focusing on the importance of X-

AI in ensuring responsible AI development and its potential to address AI bias and fairness. Attendees also gained an understanding of Generative AI models like GANs and their transformative applications across various sectors.

The event attracted a diverse audience of students, faculty, and professionals eager to learn about cutting-edge AI developments. It was organized by Dr. Faiyaz Ahmad, Associate Professor, Mr. Mohd. Usman Khan, and Mr. Anas Habib Zuberi, Assistant Professors from the Department of CSE, along with student coordinators Mohd Danish, Mohd Umar Khan, Danish Kamal, Darakhsha Khan, and Mohd Hussain Siddiqui. The event was hosted by Ms. Anum Kamal, Assistant Professor, and special thanks were extended to Mrs. Kavita Agrawal, Head of the CSE Department, for her guidance and support in making the event a success.

### **Alumni Connect and Guest Lecture :**

On 18<sup>th</sup> March 2024, the Departmental Placement Committee of the Department of Computer Science and Engineering organized the "Alumni Connect and Guest Lecture" event. The primary goal was to provide students with valuable insights into studying abroad and career placement opportunities. Two distinguished speakers, Mr. Adnan Beg, an alumnus of Integral University and Associate in Global Technical Support at CIENA, and Mr. Prateek Garg, a consultant at Global Reach, shared their experiences and expertise. Mr. Beg discussed his journey from being a student to working in a leading telecommunications company, while Mr. Garg highlighted Global Reach's role in facilitating overseas education, representing over 500 universities worldwide.

The event was attended by 224 students, and the presentations from both speakers significantly expanded their understanding of global career opportunities and studying abroad. The session concluded with a memento presentation by Dr. Shish Ahmed to both speakers as a token of appreciation. Organized by the Department Placement Committee, the event's success was due to the dedication of its coordinator, Ms. Roshan Jahan, and members Ms. Ambreen Anees and Ms. Saleha Mariyam. Special thanks were extended to Ms. Anum Kamal for hosting the event, and to Mrs. Kavita Agrawal, Head of the Department, for her guidance and support throughout.

### **SCAVENGER HUNT Organized Under Literary Club**

On Wednesday, 14<sup>th</sup> February 2024, Literary club of Active mind club held a Scavenger Hunt event, this event had total of 68 registrations, each participant performed exceptionally well in this event contestants were given tasks which were needed to be finished within a certain time limit. All The participants performed in group of two, the competition was close but a few groups were quicker than others. The first position was gained by the group of Mohd Maaz Siddique and Mohd Maaz Ahmad of 1st year DSAI-A and DSAI-B respectively.



The event was managed by Literary Club under the guidance of Mrs. Nudrat Fatima and Ms. Falak Alam, and student



coordinators Mohd Ali Raza Khan and Mohd Adnan Talha.

### **Remote Sensing and its applications in resource management under Tech Club**

On October 9, 2023, the Tech Club, in collaboration with the Computer Applications Department, organized a guest lecture on "Remote Sensing and its Applications in Resource Management" at the Central Auditorium, Integral University, under the guidance of Mrs. Kavita Agarwal and Dr. Shish Ahmad. With around 350 attendees, the event featured Mr. Tasneem Habib, a renowned scientist and former executive director of the Madhya Pradesh Council of Science and Technology, who shared his expertise on the importance of remote sensing in fields like agriculture, disaster management, and urban planning. He explained key concepts such as the electromagnetic spectrum, data acquisition techniques, and showcased real-world applications through case studies, including forest fire detection and crop yield prediction. Mr. Habib also highlighted India's achievements in space exploration, discussing remote sensing contributions from missions like Chandrayaan-1, 2, and 3. The session was a success, enriching students' understanding of the critical role of remote sensing in addressing global challenges and advancing sustainable practices.

### **Workshop on Exploring Virtual Laboratories: Enhancing Science Education & Research**

On 20<sup>th</sup> March, 2024, the Departmental Placement Committee organized a one-day workshop, focussed on exploring virtual laboratories. Virtual labs offer students a platform for hands-on learning experiences without physical constraints, enhancing understanding, creativity, and critical thinking. The workshop featured two keynote presentations by Mrs. Suman Tripathi and Mr. Vinay Tripathi, Senior Project Associates at Virtual Labs, IIT Kanpur. Mrs. Suman introduced the concept of virtual labs and their role in teaching, learning, and assessment, while Mr. Vinay demonstrated the operation of virtual labs, providing attendees with practical insights. The event was inaugurated with a

welcome address by Mrs. Kavita Agrawal, Head of CSE and Nodal Coordinator for Virtual Labs, and concluded with a vote of thanks by Ms. Roshan Jahan.

The workshop, attended by 220 students, was well-received, with the presentations offering valuable insights into how virtual labs can transform education. Hosted by Ms. Anum Kamal, the event highlighted the importance of virtual labs in modern education. Special thanks were extended to Prof. T. Usmani, Dean of Engineering, and Mrs. Kavita Agarwal for their support and guidance. The success of the event was a result of the dedication of the Departmental Placement Committee, particularly its coordinator Ms. Roshan Jahan and members Ms. Ambreen Anees and Saleha Mariyam. Faculty members and students also contributed significantly to the workshop's success.

### **Hackathon 1.0 Under Code Club**

On 29<sup>th</sup> September, 2023, the Departmental Placement Committee, in collaboration with the Code Club of the Department of Computer Science and Engineering, organized the "Hackathon Challenge" for beginners. The event aimed to engage students in solving coding problems within a limited time, offering a platform to showcase their programming skills. It featured basic coding questions from various languages such as Python, C, and Java in a Computer-Based Test (CBT) format, ensuring fair and efficient evaluation. With 80 students from all years participating, the hackathon covered a range of programming concepts, allowing participants 45 minutes to answer the problems. The solutions were judged for correctness and efficiency, and top-performing students were awarded E-Certificates after evaluations were completed on October 3, 2023.

The "Hackathon Challenge" was a tremendous success, promoting healthy competition and providing students with an opportunity to improve their coding skills and learn from the experience. The enthusiasm and talent of the participants highlighted the strong coding culture at Integral University. The event was made possible through the efforts of Mrs. Roshan Jahan (Code Club Advisor and Departmental Placement Coordinator), Ambreen Anees, and club coordinators Aksha Malik, Taha Iftikhar, and Abdul Majid. The organizers look forward to hosting future editions of this challenge to continue fostering and celebrating the coding talent within the university.

### **CHUNAUTI 9.0: Challenge Hunt Under NGIS for Advanced Uninhibited Technology Intervention under Department placement Committee**

On 9<sup>th</sup> May, 2024, the Departmental Placement Committee in collaboration with the STPI Lucknow and the IEEE Student Chapter, organized an expert lecture on "CHUNAUTI 9.0: Challenge Hunt Under NGIS for Advanced Uninhibited Technology Intervention" at Hall 2 in the Central Auditorium. The

session, held from 12:00 PM to 1:00 PM, aimed to introduce students and aspiring entrepreneurs to the CHUNAUTI 9.0 program, which supports startups working on emerging technologies like AI, IoT, Blockchain, and cybersecurity. Dr. Praveen Dwivedi, Additional Director & Office In-Charge at STPI Lucknow, was the keynote speaker, sharing his expertise on fostering innovation and entrepreneurship. He discussed the program's objectives, selection criteria, and the resources provided to startups, such as funding and mentorship.

Dr. Dwivedi also emphasized the role of academic institutions in promoting innovation and potential partnerships between STPI and universities to encourage startup culture. The session, well-received by attendees, inspired many students to explore entrepreneurial ventures. The event, driven by the Department Placement Committee, was coordinated by Ms. Roshan Jahan, with key contributions from Ms. Ambreen Anees and Ms. Saleha Mariyam, highlighting the team's dedication in making the event a success.

#### **Donation Drive: "Spread Warmth and Joy - Join Our Donation Drive!" Organized Under Social Responsibility Club**

The Social Responsibility Club of the department, in collaboration with the "PYS Foundation", embarked on a noble endeavor to alleviate the plight of the underprivileged through a Cloth Distribution Drive. This initiative aimed to provide essential clothing to those in need, particularly as winter approached. From December 1<sup>st</sup> to 31<sup>st</sup>, 2023, collection bins were strategically placed at various locations within the campus to facilitate the donation process. The success of the Cloth Distribution Drive can be attributed to the concerted efforts of the Head of the Department of CSE, Mrs. Kavita Agrawal, faculty coordinators Dr. M. Akbar & Dr. Sheeba Parveen, several student coordinators Zavil Huda, Abdullah Noor, Areeba Saeed, Ruhul Fatima Abidi etc. and the officials from the PYS Foundation NGO eg; Mr. M. I. Khan & Mr. Hammad Ahmad. From planning and coordination to execution and implementation, every stage of the drive was meticulously carried out with dedication and enthusiasm.

#### **"KAHANI AAPKI ZUBANI" An on-spot Storytelling Competition organized under Art and Culture Club:**

The Arts & Cultural Club of the Department of Computer Science and Engineering, in collaboration with the Department Placement Committee, successfully organized "Kahani Aapki Zubani" an on-spot storytelling competition, inspiring creativity and expression among students, on 6<sup>th</sup> November, 2023 at Seminar, Central Auditorium. The participants were judged impartially by the judges for story telling: Dr. Sheeba Parveen (CSE), Dr. Faiyaz Ahmad(CSE), Mrs. Roshan Jahan(CSE), Dr. Aisha Kamal(BioEngg.) and Dr. Akhlaq Ahmad (EE).

The overall event was conducted by faculty advisors Mrs. Saleha Mariyam & Anum Kamal, coordinators Rafiya Siddiqui, Syed Falah Jamal as well as hosts Samna Iqbal and Shobhit Jaiswal and members of Art and Cultural Club in making the event a grand success.

#### **Hackathon 2.0**

On 18<sup>th</sup> November, 2023, the Departmental Placement Committee, in collaboration with the Code Club of the Department of Computer Science and Engineering, organized the "Hackathon Challenge - Advanced" to engage students in solving coding problems within a limited time. The event, which focused on a variety of programming languages including Python, C, and Java, was conducted in a Computer-Based Test (CBT) format, ensuring fair evaluation. With 37 participants from various years, the hackathon offered a platform for students to showcase and enhance their coding skills. The top-performing students were awarded E-Certificates. The event, which fostered healthy competition, was a testament to the enthusiasm and talent of Integral University students. Special thanks were extended to Mrs. Roshan Jahan (Code Club Advisor), Ambreen Anees, and club coordinators Aksha Malik, Taha Iftikhar, and Abdul Majid for their contributions to the event's success.

#### **Judges along with the winners**

#### **"Introduction to Cinema and Filmmaking" organized under FILM CLUB:**

On 29<sup>th</sup> November 2023, The Film Club organized a captivating event titled "Introduction to Cinema and Filmmaking" for the Students of B.Tech CSE at LT 6. Participants were captivated by various aspects of filmmaking, from storytelling to cinematography, creating an atmosphere of inspiration and creativity. The Introduction to Cinema and Filmmaking seminar not only achieved its educational objectives but also ignited a passion for cinema among the attendees. The seminar, conducted by the Film Club Coordinator, Shashwat Dwivedi, along with Aman Verma and Abdullah Masih, proved to be an exceptional journey into the world of cinema, leaving a lasting impact on all attendees. The event was skilful guidance and adeptly managed by Film Club under the guided by the direction of Ms. Falak Alam (Film Club Advisor) & Ms. Sheeba Parveen (Club Coordinator), and Student Coordinators: Shashwat Dwivedi, Abdullah Masih and Aman Verma.



# XV-Convocation, 2023



Left: Prof. Syed Nadeem Akhtar, Pro-Chancellor, IU; Shri Satish Mahana Ji, Hon'ble Speaker of the Uttar Pradesh Legislative Assembly; Prof. Syed Waseem Akhtar, Chancellor, IU; Prof. Javed Musarrat, Vice-Chancellor, IU; Padma Shree, Prof. Mahesh Verma, Chairman of NABH and Vice-Chancellor of Guru Gobind Singh Indraprastha University, New Delhi

The XV Convocation of Integral University was held with great enthusiasm on 8<sup>th</sup> November, 2023, celebrating the achievements and aspirations of its graduating students. The event marked a significant milestone, filled with pride and accomplishment, as students received their degrees in the presence of esteemed dignitaries, faculty, proud parents, and distinguished guests. The ceremony was graced by notable personalities from academia, industry, and media, emphasizing the pivotal role of education in shaping future leaders.

Shri Satish Mahana Ji, Hon'ble Speaker of the Uttar Pradesh Legislative Assembly, honored the occasion as Chief Guest, alongside Special Guest Shri Brijesh Pathak, Deputy Chief Minister of Uttar Pradesh, and Guest of Honor Shri Suresh Kumar Khanna, Hon'ble Cabinet Minister, Finance and Parliamentary Affairs. Their presence reinforced the government's support for educational advancement, particularly in minority institutions. Padma Shree, Prof. Mahesh Verma, Chairman of NABH and Vice-Chancellor of Guru Gobind Singh Indraprastha University, New Delhi, attended as the Distinguished Guest.

The convocation was presided over by the Hon'ble Founder & Chancellor of Integral University, Prof. S.W. Akhtar, whose visionary leadership continues to guide the institution toward academic excellence. The Pro-Chancellor, Dr. Syed Nadeem

Akhtar, and Vice-Chancellor, Prof. Javed Musarrat, further added to the academic distinction of the event. The Registrar, Prof. Mohd Haris Siddiqui, and Controller of Examinations, Prof. Abdul Rahman Khan, played key roles in organizing the ceremony.

The event commenced with a grand academic procession led by dignitaries and faculty, followed by the lighting of the ceremonial lamp. The university Tarana filled the air, evoking pride and unity. Prof. Javed Musarrat presented the annual report, highlighting the university's academic achievements, research advancements, and contributions to society, underscoring its unwavering commitment to excellence.



Shri Brijesh Pathak, Deputy Chief Minister of Uttar Pradesh, sharing his views (Online)



Hon'ble Pro. Chancellor, Prof. Syed Nadeem Akhtar encouraged graduates to be prepared for the evolving world, urging them to embrace innovation and adaptability as their greatest assets. Shri Suresh Kumar Khanna Ji emphasized the significance of cultural heritage and diversity, while Shri Brijesh Pathak joined the program virtually and praised the university's efforts in providing holistic education, lauding its impact on students from around the globe.

Chief Guest Shri Satish Mahana Ji delivered an inspiring speech, stressing the role of education in nation-building and urging students to pursue innovation, research, and excellence in all fields. Prof. S.W. Akhtar, the Hon'ble Chancellor, expressed his gratitude to all attendees and reaffirmed the university's dedication to fostering knowledge and ethical values.

Padma Shree, Prof. Mahesh Verma, in his convocation address, reminded graduates of the values and knowledge instilled in them at Integral University, encouraging them to become agents of change. He highlighted the significance of lifelong learning and the impact of the National Education Policy (NEP) 2020 in positioning India as a global knowledge leader.

The ceremony's highlight was the distribution of medals and



An Honorary degree of D.Lit. (Honoris Causa) was conferred on Dr. Sabba Sachi Sarkar.

degrees. An Honorary degree of D.Lit. (Honoris Causa) was conferred on The Deputy Chief Minister Shri Brijesh Pathak virtually and also to Dr. Sabba Sachi Sarkar. Their citations were read by the Hon'ble Vice-Chancellor for the conferment of the degree of D.Lit. (Honoris Causa).

A total of 3435 degrees were conferred including 46 Ph.D. degrees, 931 post-graduate, and 2207 under-graduate degrees. 161 diplomas were also awarded. 12 Gold and 12 Silver for Faculty toppers and 96 Gold and 97 Silver medals were also awarded to the meritorious students in their program of study. Two university toppers, Mohd Maaz (Bachelor of Computer Application) and Anam Khan (Bachelor of Technology & Master of Technology - Biotechnology) received the University Gold and Silver medal respectively. After the degree and medal distribution, an oath was administered to the recipients by the Hon'ble Vice Chancellor. In closing, mementoes were presented to dignitaries and the program concluded with vote of thanks and recitation of National Anthem. The convocation concluded with the vote of Thanks by Prof. Mohd Haris Siddiqui, the Registrar Integral University.



Shri Suresh Kumar Khanna, Hon'ble Cabinet Minister, Finance and Parliamentary Affairs.





# Department of Commerce

## • Poster Making Competition on the occasion of Independence Day:

On the auspicious occasion of India's Independence Day, a Poster Making Competition was organized at the Department of Commerce on 14<sup>th</sup> August 2024, to celebrate the spirit of freedom and patriotism. The event was designed to offer students a platform to showcase their creativity and talents while contemplating the significance of India's independence and was themed on: **'Viksit Bharat', Unity in Diversity, National Symbols & Tradition and True Independence.**

## Handover Ceremony of B. Com (ARM) students for OJT:

The Department organized an OJT Hand Over Ceremony for the transfer of first batch of B.COM (ARM) students to their allocated dealerships which was attended by the representatives of Maruti Suzuki India Ltd (MSIL) and HR's of various MSIL dealerships. It is evident to mention that the Department of Commerce under the aegis of Faculty of Commerce started with a unique industry-academia collaborative B. COM. programme in 2023 with Maruti Suzuki India Limited in automobile retail management with both theory and practical curriculum contents and as per the practical aspect, twenty-seven students of the first batch were allocated the dealership locations for their deployment to undergo the two years OJT as envisaged in the course curriculum.

• **Teacher's Day Celebration:** The department under the guidance of the department's, Literary and Cultural Committee members orchestrated a compelling celebration. The celebration became a truly memorable occasion, highlighting the deep bond between students and faculty, and recognizing the unwavering commitment of teachers in shaping students' futures. Students, across all academic years, took center stage with gripping skits, impassioned speeches, series of fun & engaging games and soul-stirring poetry, Following the event, the gathering was graced by esteemed Vice Dean, Prof. Adeel Maqbool, who addressed the audience with eloquence and grace, and underscored the significance of Teacher's Day and commended the collective efforts of the faculty and students in organizing and participating in the event with immense grace and warmth.

## Ek Ped Maa ke Naam Campaign:

The department participated in the plantation drive under "Ek Ped Maa Ke Naam" campaign launched by the Hon'ble Prime Minister on World Environment Day, 5<sup>th</sup> June, 2024, which calls for planting trees as a tribute to mothers and to promote environmental conservation across the country. Under the drive, faculty members and students planted trees as a token of tribute towards their mothers and cherish their selfless dedication which was inaugurated by Prof. M. A. Khalid, Dean of Students' Welfare, Integral University and Prof. Adeel Maqbool, Vice-Dean.





Bank of Baroda Achievers Award 2023: Hon'ble Chancellor and Founder, Prof. Syed Waseem Akhtar, Hon'ble Pro-Chancellor Dr. Syed Nadeem Akhtar and DRM Shri Rajesh Gupta

### **Bank of Baroda Achievers Award 2023:**

Bank of Baroda, Lucknow Division selected Integral University for the "Bank of Baroda Achievers Award 2023" to felicitate its meritorious students who excelled in academics and sports with appreciation and cash awards. This event was organized by the Bank of Baroda, Lucknow, at Integral University campus on the 7<sup>th</sup> of December 2023 dedicated to recognizing academic excellence and extraordinary achievements of our deserving students. The three meritorious winners received a certificate along with a cheque of Rs. 31,000/- each from Hon'ble Chancellor and Founder, Prof. Syed Waseem Akhtar, Hon'ble Pro-Chancellor Dr. Syed Nadeem Akhtar and DRM Shri Rajesh Gupta in the three categories i.e. Best in Academics: Mohd Maaz, Bachelor of Computer Application; Best in Sports: Ms. Pragyan Pal, Bachelor in Physiotherapy and Best All-Rounder: Ms. Saman Fatima, B. A. (Hons.) Psychology.

### **Participation in Annual Cultural Fest Ojas at Jaipuria University, Lucknow :**

The High Note Music Band, Integral University participated in the intercollegiate Annual Cultural Fest Ojas, at Jaipuria University

on 10<sup>th</sup> December 2023. Their remarkable achievements and musical talents brought honor and recognition to the University.

### **Communal Harmony Week Celebrations:**

Integral University, under the aegis of Dean, Students' Welfare observed Communal Harmony Week from 19<sup>th</sup> to 25<sup>th</sup> November 2023 to spread a message of peace, harmony, and National integration among its students and faculty/staff members. High Note Music Society (HNMS) of Integral University, organized a special event featuring singing performances of patriotic songs, band performance, beat-boxing and a skit on 1<sup>st</sup> December 2023 at campus as part of Communal Harmony week.

### **Swachhta Pakhwada celebrated at Integral University :**

Integral University celebrated "Swachhta Pakhwada" under the aegis of the Office of Dean Students' Welfare and conducted "Swachhata hi Seva Campaign" cleanliness activities on 1<sup>st</sup> October 2023 at the respective places i.e., at Campus, House, Society, Park, Hostel, etc., followed by taking "Swachhata Pledge" and "Panch Pran" collectively. The program was enthusiastically celebrated by students and faculty members of Integral University to contribute to this nation-building exercise



envisioned by Hon'ble PM Shri Narendra Modi ji. Swachhta Hi Seva Hai!

#### **Workshop on 'Disability Laws in India' for Students with Disabilities:**

Office of the Dean, Student's Welfare, in collaboration with National Centre for Promotion of Employment for Disabled People (NCPEDP), New Delhi, supported by Bajaj Finserv Limited, hosted a day-long Awareness Workshop on 'Disability Laws in India and Career Exploration for Students with Disabilities', on 24<sup>th</sup> September 2023 at its campus. The program aimed to promote equal rights, access to education, better prospects and support sensitization on disability laws in India. The workshop attended by more than 90 students and their parents, was highly interactive and extended a peep into the mental, intellectual, and emotional faculties of the impaired, who showcased a great sense of awareness, and emotional and social sustainability.

#### **Musical Events for Lucknow Metro at Hazratganj Metro Station:**

On the invitation of Lucknow Metro Corporation, the High Note Music Society from Integral University performed on Republic Day, 26<sup>th</sup> January 2024, at Hazratganj Metro Station. This scintillating event transformed the metro station and its commuters into a vibrant cultural hub, celebrating the spirit of India's national pride, with the musical patriotic Songs, sung by our students.

**Students of Bhartiya Badhir Vidyalaya (The Indian Deaf School) visit Integral University** Students and staff from Bhartiya Badhir Vidyalaya, Lucknow, visited Integral University Campus on 15<sup>th</sup> of December 2023, to enable the students to experience a university campus and learn about higher education. Bhartiya Badhir Vidyalaya has been home to some of the most precious deaf kids for the past few years, neglected by our society and in some cases even by their own families for their different abilities.

#### **Musical Event Band Performance "Open Mic":**

The High Note Music Society successfully organized a Band Performance "Open Mic" in the NLT building at Integral University. The event aimed, at providing a platform for students to display their musical and artistic talents and witnessed enthusiastic participation from the university community.

#### **Fit India Week 2023:**

Office of the Dean Students' Welfare, organized "Fit India Week, 2023" from 1<sup>st</sup> to 15<sup>th</sup> December 2023, to promote a healthy and fit lifestyle, which was enthusiastically participated by senior administration, faculty, and students alike. During Fit India

Week, the University also hosted a fitness and cycle run in which a significant number of students, faculty, and staff members actively participated, emphasizing the health benefits of cycling for both the environment and individual health, which was followed by a Pledge administered by Honorable Vice Chancellor, Professor Javed Musarrat to the participants of the various departments of the university.

#### **Road Safety Awareness program and Pledge-Taking:**

The Road Safety Club, Integral University under the aegis of the Dean Students' Welfare organized a "Road Safety Awareness & Training Program" for Students, Faculty, and Staff members on 27<sup>th</sup> December 2023, Shri Vipin Pandey, Traffic Inspector-Lucknow, spoke about the traffic norms and regulations, the causes of frequent road accidents, and the necessity of traffic lights, as every second counts at the stop signal.

#### **Participation in "Know Your Army Festival" at Lucknow:**

A visit to "Know Your Army Festival 2024" was organized for more than 60 students of Integral University, hosted by the Indian Army for the first time in Uttar Pradesh on 7<sup>th</sup> January 2024. Students of Integral University along with Prof. Monowar Alam Khalid, Dean, of Students' Welfare, visited the festival organized at Surya Khel Parisar-I in Lucknow Cantonment. The purpose of this event was to provide participants with an educational opportunity to learn about the Indian Army, its activities, and capabilities and to encourage and motivate students to join the Indian Army.

#### **Cognizance 2024 IIT Roorkee-Integral University Zonal Event:**

A two-day IIT Roorkee program on "Cognizance 2024-Integral University Zonals Event" was organized by the Dean, of Students' Welfare in association with IIT Roorkee from 24<sup>th</sup> to 25<sup>th</sup> January 2024. Students from various recognized universities and colleges in different courses participated with great zeal. In this event 145 students registered for the entire 4 events, that were organized in offline mode. "Cognizance 2024 Integral University Zonals Event" was coordinated and managed efficiently by Faculty Coordinators Dr. Farooq Ahmad (Dept. of Computer Application), Dr. Mohd. Suaib (Dept. of Computer Science & Engineering).

#### **Swacchata Abhiyaan observed at Integral University:**

Swacchata Abhiyaan was observed at Integral University from 14<sup>th</sup> to 21<sup>st</sup> January 2024, students and faculty took an active part in cleaning the campus. This was organized for mainstreaming of Mission Life to integrate principles of the National Education Policy 2020, students and faculty members were encouraged to conduct various activities like recording &



weeding old records/items, disposal of scraps, and cleaning of space as part of Swacchata.

#### **Participation in Central Zone Youth Festival 2023-24 of AIU at Subharti University:**

Students from Integral University participated in the 37<sup>th</sup> Central Zone Youth Festival “Subharti Utsav” hosted by Swami Vivekanand Subharti University, Meerut under the aegis of Association of Indian Universities (AIU) in which 21 universities from Uttar Pradesh and Madhya Pradesh took part. Participation in this prestigious event provided national exposure and recognition to Integral University. A total of 8 Students from Integral University (Jaya Sarkar- B.Ed. First-year, Mohd. Fahad-MBA (First Year), Sidra Siddiqi- BCA (Second Year), Saif Ansari-DMLT (First Year), Swapneep Das- BCom. (Hons), Vaibav Gaur-BCA-First year (Rhythmist) and Mohd. Ahmar-B. Tech CSE (First year)) along with a faculty coordinator Dr. Geetika Nidhi, Asst. Prof, Dept. of Education participated in various events like Group Song-Western, Light vocal (Indian), Western Vocal-Solo, Group song-folk, and Folk Dance. The students were appreciated for their performance and received certificates and medals for their participation.

#### **Veshbhoosha Karyakram and Drawing/Painting Competition at Integral University:**

Integral University organized Veshbhusa Karyakram on 7<sup>th</sup> Feb

2024, in which a student dressed up as Sita Mata, conducts Vriksharopan at a Vatika. The scenic beauty created during vriksharooapan was appreciated by the audience, they were also informed about the historical aspect of the event by the Dean, of Students’ Welfare, Integral University. The second event regarding Veshbhusa Karyakram was also observed, in which drawing and painting competitions were conducted at Integral University by the Faculty of Architecture.

#### **Bird Walk for Bird Count at Integral Campus:**

As part of Bird Count India's initiative to conduct Great Backyard Bird Count (GBBC), Integral University, under the Aegis of Dean, Students’ Welfare organized a Campus Bird Count (CBC) 2024 at its two campuses, Main Campus (Phase-I) and newly acquired Campus (Phase-III) on the 17<sup>th</sup> and 19<sup>th</sup> of February 2024 in collaboration with Bird Enthusiasts from the Dept of Environmental Science and University Polytechnic.

#### **Voter Awareness Campaign at Integral University:**

As part of our citizen’s responsibility to cast their Vote in the Lok Sabha Elections, a Voter Awareness Campaign and Pledge taking was organized by the Office of Dean, Students’ Welfare for students at the Integral University, Luckow, with support from Local Booth Level Officers (BLOs) Mr. Amarnath Verma and Mrs. Pratima Verma under the supervision of Mr. Akhlaq Ahmad on 22<sup>nd</sup> April 2024.



### Campaign for "Say Yes to Life, No to Drugs":

Integral University, under the aegis of Dean, Students' Welfare organized a Campaign "Say Yes to Life, No to Drugs" on 13<sup>th</sup> May 2024 with support from the Narcotics Control Bureau-Lucknow, Ministry of Home Affairs, Government of India, to educate the students about the negative effects of drugs, so that they will be inspired to lead healthy lives and demonstrate their commitment to keeping India a drug-free country. More than 50 participants took part in this informative awareness program, which had distinguished guests likes, Dr. Kulprakash Siddharth, Assistant Director, Narcotics Control Bureau Lucknow, Ministry of Home Affairs, Government of India, and Shri Gyan Prakash, Intelligence Office, NCB, Lucknow.

### International Day of Yoga 2024 observed at Integral University:

Integral University celebrated its 10th International Day of Yoga at its lush green campus on 21<sup>st</sup> June 2024. This day is observed every year on June 21<sup>st</sup> to raise awareness about this ancient practice and to celebrate the physical and spiritual prowess that yoga has brought to the world. This year, the theme "Yoga for Women Empowerment" emphasizes yoga's transformative power in addressing women's health concerns and fostering overall wellness. Yoga exercise was conducted under Professional Yoga Trainer Ms. Kamlesh Singh. Nearly 100 students and faculty members took part in the event. This year, Yoga Day was also the culmination of a week-long yoga program organized by the Integral Institute of Medical Sciences & Research (IIMSR) students, under the guidance of our university yoga trainer Ms. Sitara Sahani from Integral University Sports Academy (IUSA), and Dr. Gauhar Hussain, Professor & HOD, Department of Physiology, IIMSR.

### Participation in Cultural Fest "Anubhuti" at Shri Ramswaroop Memorial University, Lucknow:

Students from Integral University participated in the Cultural Fest "Anubhuti" organized by Shri Ramswaroop Memorial University, Lucknow, from 14<sup>th</sup> to 16<sup>th</sup> March, 2024 where students from various universities and colleges participated in a vibrant exchange of cultures and ideas. In this fest, two of our students Ms Jaya won 1<sup>st</sup> position and Mr. Saif got 2<sup>nd</sup> place in the Solo Singing competition and brought laurels for the university.

### Participation in Hindustan Hastshilp Mahotsav 2023:

The High Note Music Society students participated in the musical performance at Hindustan Hastshilp Mahotsav 2023 from 30<sup>th</sup> Nov-15<sup>th</sup> Dec 2023 on the occasion of Uttar Pradesh Day and won accolades for their excellent performance and were awarded prizes and certificates.





# Faculty of Education



## Two Weeks' Workshop on Quality Teaching through Micro-Teaching Skills

This workshop was an effort to keep the students and faculty members abreast with new pedagogic skills most relevant in the present time, organized from 12<sup>th</sup> March to 27<sup>th</sup> March 2024, The guest of Honour Prof. (Dr.) Shravan Kumar, Faculty of Education, University of Lucknow shared his insights to reform the pedagogical practices in all the disciplines. The workshop had technical sessions in which experts from various universities shared their experiences and insights on various pedagogical skills. The experts for the workshop were Dr. Subhash Mishra, Associate Professor Babasaheb Bhimrao Ambedkar University, Lucknow, Dr. Seema Khan, Assistant Professor, Eram Degree College, Dr. Kanak Dewedi, Assistant Professor, BBD University, Dr. Richa Dubey, Vice-Principal, Bora Institute of Management and Sciences, and Dr. Bushra Alvera, Assistant Professor, Khwaja Moinuddin Chishti Language University Lucknow. The workshop was attended by students and faculty members to their fullest capacity and was successfully managed and coordinated by Prof. (Dr.) A.K. Lodi, Head, Department of Education as the convenor and Dr. Azkiya Waris and Dr. Divya R. Panjwani as the co-convenors. It was a successful endeavor in the enhancement of pedagogical skills.

Two Day National Workshop on “Exploring Innovative Teaching Learning Resources for Quality Teaching across Disciplines”:

The event was organized in collaboration with Integral Institute of Allied Health Science and Research from 25<sup>th</sup> to 26<sup>th</sup>, April 2024.

**Day 1:** The topic of the session was “Insight Towards Innovations in Teaching Learning Materials” commencing with the screening of Steve Lutz’s film titled “Happiness,” The second session was on the “Quality enhancement of language teaching through storytelling and Kavita Path-Theory & Practice” The third session was on “How to create vibrancy in teaching English”. The fourth session was on “Developing Teaching Learning Materials for Innovative teaching in Social Studies”

**Day 2:** The session was on the discourse “Nurturing life into teaching of life sciences” followed by session 2 on “How to Innovate Physical Science Teaching For students”.

### Departmental Seminar:

A seminar on ‘Role of Value-based Education towards creating a Progressive Society’ was organized on 4<sup>th</sup> Oct.2023 to introduce Value Based Education in the institute and to create a progressive society among the faculty and students.



## A National Webinar

The department organized a National Webinar on the theme “Digital Education for Gen Z learners” on May 16, 2024. The lecture was presented by Mr. Mohammad Asif, Assistant Professor, Department of Education, Tezpur University, Assam. The focus was also given on Designing Effective Digital Education for Gen-Z, Education system adaptations, Challenges, solutions and the future of Digital Education for Gen-Z learners.

## One Day Workshop on Stress Management:

The workshop on Stress Management was proudly hosted by the department on 28<sup>th</sup> Nov. 2023 in Central Auditorium, Integral University under the aegis of United Nations Academic Impact Principle-4: “A commitment to the Opportunity to every interested individual to acquire the skills and knowledge necessary for the pursuit of Higher Education”. The guest speaker was Dr. Parul Prasad, Assistant Professor at the Career Institute of Medical Sciences and Hospital, Lucknow.

## Innovista: An Exhibition on Teaching Learning Material:

Innovista is an example of the department’s commitment towards organizing learning-oriented events which is also a cornerstone of the university's mission, a platform where future educators can translate theoretical knowledge into innovative teaching materials. It was organized on 26<sup>th</sup> April 2024 in which M.Ed. and M.Sc. students presented their models and demonstrated on various topics.

## Cultural event ‘Hunar-e-Integral’ :

Cultural events at the university are a vibrant celebration of diversity, creativity, and tradition. Such events foster unity, build community spirit, and create lasting memories while enriching the campus experience. Hunar-e-Integral: ‘Sanskarya-Culture and Art Society’ of the Faculty of Education organized a cultural event ‘Hunar-e-Integral’ on 17<sup>th</sup> November 2023 to identify the talents of our vibrant students. Young talents of the university enthusiastically participated in this event leading to new dimensions in their personality.

## Unity Day as the birth anniversary of the Iron Man of India:

The day was celebrated with great zeal on 31<sup>st</sup> October, 2023, honouring the birth anniversary of the Iron Man of India, Sardar Vallabhbhai Patel. The event served as a powerful reminder of his enduring legacy, encouraging students to reflect on the values he championed. A highlight of the celebration was a highly engaging essay competition that saw enthusiastic participation from students.



## Guest Lecture on “Education: A Key towards Sustainable Future”:

A Guest Lecture was organized on “Education: A Key towards Sustainable Future” Under UNAI Goal-9 “A commitment to promote sustainability through Education” on 7<sup>th</sup> March, 2024. The lecture was delivered by Mr. Manish Srivastava, PGT Chemistry & Counsellor, Seth Anandram Jaipuria School, Golf City, Lucknow. The event commenced with a warm greeting and the introduction of our esteemed guest speaker provided by Dr. Vivek Rogers, Assistant Professor, Department of Education. This was followed by a welcoming speech made by Prof. (Dr.) A. K. Lodi. The guest speaker, Mr. Manish Srivastava, highlighted the importance of sustainability for future generations.

## “Spiritual Intelligence and Teaching Effectiveness: A Symbiotic Relationship”:

On October 6<sup>th</sup>, 2023, the Faculty of Education hosted an enlightening Guest Lecture on “Spiritual Intelligence and Teaching Effectiveness: A Symbiotic Relationship,” as part of the ongoing “Voices in Education” series. The lecture marked the second installment in the series, aimed at enriching students with evolving and diverse knowledge. The event featured Prof. C. S. Shukla, former Head of the Department of Education at Vardhman College, Bijnour (Affiliated to M.J.P. University,

Bareilly, U.P.), as the distinguished speaker. The program commenced with a warm welcome by Dr. Manisha Singh, Assistant Professor, setting a gracious tone for the proceedings. A notable moment followed with the inauguration of the book “Microteaching,” co-authored by Prof. C. S. Shukla and Dr. Suhasni Srivastava. The book was unveiled in the presence of esteemed guests, including Prof. (Dr.) A.K. Lodi, Head of the Department of Education, faculty members and students..

#### **“Innovative Pedagogies in Teaching-Learning”:**

The topic of this lecture was “Innovative Pedagogies in Teaching-Learning” hosted on 12<sup>th</sup> Oct., 2023, as part of the “Voices of Education” Guest Lecture Series. The event was organized in a blended mode. The lecture was delivered by Dr. Eram Aziz, an esteemed Assistant Professor at Manav Rachna University, Faridabad, Haryana. The lecture series was further enriched by the enthusiastic participation of faculty and students.

#### **“Empowering Teacher Educators: Creative Teaching Approaches to Engage with Learners of Generation Z”:**

The Faculty of Education in association with the Human Resource Development Centre, Integral University, organized a Refresher Course on ‘Empowering Teacher Educators: Creative Teaching Approaches to Engage with Learners of Generation Z’ from 14<sup>th</sup> OCT. to 2<sup>nd</sup> Dec. 2023. This Refresher Course gave exposure to the faculty members in innovative pedagogical strategies which were designed to enhance the knowledge, skills, and tools needed for the educators to create dynamic and engaging learning environments to engage with Generation Z (Gen Z) learners in higher education settings. The course commenced with a thought-provoking and enlightening address by Prof. (Dr.) T. Usmani, Dean Faculty of Education, Integral University Lucknow. The course featured a series of insightful sessions led by esteemed scholars from various fields like Prof. U.C. Vashistha, Head and Dean of the Faculty of Education, University of Lucknow, Dr. Vinod Kumar Kanwaria, Associate Professor, Department of Education from Delhi University, Prof. Gunjan Dubey from Department of Education, Aligarh Muslim University, Dr. Arpana Godbole, Associate Professor, Department of Education, University of Lucknow, Dr. Sajid Kamal from Aligarh Muslim University, Dr. Jasim Ahmad, Professor from Jamia Milia Islamia University. Their presentations not only highlighted recent advancements and best practices but also provided practical strategies for applying this knowledge in real-world contexts.

#### **Annual Cultural Event Sanskritika:**

On 14<sup>th</sup> May, 2024, the vibrant annual cultural event, Sanskritika, was held with the aim of fostering a deep sense of cultural

inclusion. The atmosphere was charged with anticipation as the event began with a warm welcome to the esteemed judges: Prof. (Dr.) Seema Srivastava from the Department of Physics, Dr. Shailendra Kumar, Associate Professor of ECE, and Dr. Divya R. Panjwani, Assistant Professor of Education. The event unfolded as a celebration of diverse talents, featuring a series of competitions that captivated the audience. Participants were given three minutes each to showcase their unique skills across various categories. The competitions included Folk Song Solo, Hindi Solo Song, Solo Self-Played Instrument and Song, Shayari, Solo Dance, Meri Bani (local language and culture), and Mono Acting.

#### **Community Welfare Activity:**



Community service is a vital aspect of personal and societal growth, offering individuals the chance to give back while learning valuable life skills. From May 11<sup>th</sup> to May 13<sup>th</sup>, 2024, Pratham Vidyalyay in Niwaspur, Dasauli, was transformed into a vibrant hub of community spirit. The activity was coordinated by Dr. Sadia Shakeel, Assistant Professor, Faculty of Education, Integral University along with Eighty-six B.Ed. second-year students. Students, with youthful energy and a deep sense of purpose, orchestrated a series of events that brought the village together. Through heartfelt songs, stirring speeches, and evocative poems, they addressed vital issues of social values, health, and hygiene. Street plays and skits, brimming with creativity and empathy, conveyed crucial messages about common health concerns and the importance of understanding good touch and bad touch.

#### **Extension activities and outreach program:**

On December 4<sup>th</sup>, 2023, an impactful extension activity was organized in collaboration with the National Service Scheme (NSS) and Janta Vidyalyaya under the Integrated Child Protection Scheme (ICPS) of the Ministry of Women and Child Development, Government of India. The event on “Har Vyakti ka Aadarsh: Achha Sparsh, Saccha Sparsh,” aimed to address the sensitive and critical issue of inappropriate touch, fostering awareness and education among the participants. A total of 212



students actively engaged in a series of thoughtfully designed activities, each highlighting the importance of understanding and respecting personal boundaries. The valuable insights shared by Ms. Deepmalika, Principal of Janta Vidyalaya, and Ms. Aarti Khanka, the Vice-Principal, further enriched the event. Their perspectives resonated deeply with the audience, emphasizing the role of education in safeguarding children's well-being.

#### **Activity on the theme 'Naya Bharat':**

An extension activity on the theme 'Naya Bharat' was organized on 9<sup>th</sup> December under the government scheme Atma Nirbhar Bharat, in collaboration with National Service Scheme (NSS) of Integral University at The Presidency School Kalyanpur Lucknow. The activity was coordinated by Dr. Divya R. Panjwani and Ms. Saba Parveen along with a 216 students of B.Ed. The students performed various activities to enlighten students about the scheme.

#### **'Health is Wealth' under POSHAN Abhiyan :**

On December 11<sup>th</sup>, 2023, an inspiring extension activity was held in collaboration with the National Service Scheme (NSS) and Seth M.R. Jaipuria School, as part of the POSHAN Abhiyan (National Nutrition Mission). The event, centered around the theme "Health is Wealth," brought together a vibrant mix of 202 participants, including B.Ed., M.Ed., and D.El.Ed. students, who engaged in a series of meaningful activities at Seth M. R. Jaipuria School, Kursi Road. The purpose of this initiative was to instill a deep awareness of the critical importance of health in the lives of students. Through various interactive sessions and hands-on activities, participants explored the vital connection between nutrition and overall well-being. The event served as a powerful reminder that a healthy body and mind are the true foundations for academic success and a fulfilling life. By the end of the day, the message of "Health is Wealth" resonated strongly with everyone involved, leaving a lasting impact on both the students and the wider community.

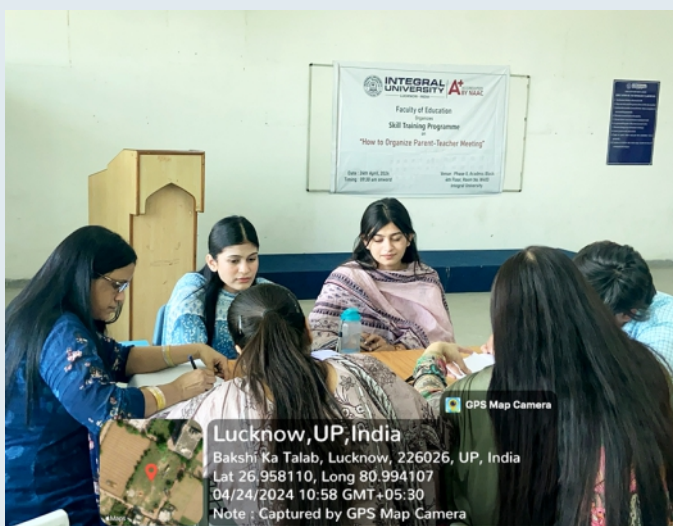
#### **Mock Interview:**



Mock interviews play a crucial role in the teaching-learning process by helping students build confidence, improve communication skills, and become familiar with real interview settings. They offer practical experience in answering questions, handling pressure, and receiving constructive feedback. Keeping this in mind Mock interview of final year students of M.Ed., B.Ed., and D.El.Ed. was organized on 10<sup>th</sup> May, 2024 at W403, IV Floor, Academic Block W, Phase II. The experts were Mr. Rashid Khan Principal, Integral International School Lucknow and Dr. Aareena Nazneen, Assistant Professor, Department of Languages, Integral University, Lucknow. Various questions were asked of the students and their strengths and weaknesses were highlighted by the panel along with valuable inputs on C.V and personality development. This prepared students not only for interviews but also for professional scenarios, enhancing their overall employability and career readiness.

#### **Value Added Courses:**

Value-added courses enhance students' skills and knowledge beyond the regular curriculum, making them more industry-ready and improving their employability. These courses bridge the gap between academic learning and practical application in real-world scenarios. Faculty of Education conducted two Value added courses first on "Empowering through Digital Education" from 18<sup>th</sup> Sep. to 6<sup>th</sup> Oct.2023. The course was designed to empower prospective teachers and other professionals with the essential skills and knowledge of digital tools to strive and thrive in the world of Gen-Z. Second VAC was based on the theme Life Skills: Empowering Your Journey to Success conducted from 18<sup>th</sup> to 06<sup>th</sup> April, 2024. The course was designed to provide a comprehensive toolkit of essential abilities that are fundamental for navigating the complexities of modern life, both personally and professionally.



# Department of Electronics & Communication Engineering

## Major Events:

- National Seminar on "Space Systems: Exploring New Dimensions," in collaboration with ISTRAC, Indian Space Research Organization (ISRO), Lucknow, on 17/11/2023.

## Resource Persons:

Mr. Asif Siddiqui, DGM ISTRAC, ISRO, INDIA

Mr. Pramod Prakash, Sci/Engr SF, ISTRAC, ISRO, INDIA

## ➤ Nationwide celebration of DAAN UTSAV

The Department of Electronics & Communication Engineering at Integral University, in collaboration with Integral University Social Service (IUSS), BIG FM, and Swapna Foundation, organized a heart-warming activity titled "Wish Tree: A Symbol of Hope and Kindness" on the 7th and 8th of October, 2024.

- It organized a guest Lecture/Expert Talk entitled as "How to create balance between Personal and Professional Life" on October 7th, 2024 from 11:00 A.M. onwards by Mr. S.M. Kaunain Abidi, Era University, Lucknow.
- It organized a captivating guest lecture on 26th September 2024, featuring Ms. Farah Naaz Khalil, Former supervisor International School Riyadh, AMP NGO. The lecture cantered on the intriguing topic, "The Changing Landscape of Education".
- It organized a plantation drive at Shalimar Garden Bay Society, IIM road on 9th December 2023 as part of the plantation initiative, which is aligned with the Indian government's 'Green India Mission'.

## FACULTY ACHIEVEMENTS:

### Dr. Imran Ullah Khan

- Chaired a Technical Session in IEEE Conference SPARC-2024 at Faculty of Engineering Amity University, Lucknow on September 10, 2021.

- **Indian Design Patent Design No.:** 417706-001 Granted

**Title of the invention:** IOT BASED BANKING SECURITY MONITORING DEVICE, **Date of Grant:** 11.07.2024,

- **Indian Design Patent Design No.:** 420492-001 Granted

### Title of the invention:

FINGERPRINT SENSOR BASED ATTENDANCE MONITORING DEVICE, **Date of Grant:** 18.06.2024

- **Indian Design Patent Design No.:** 420492-001 Granted

**Title of the invention:** PATIENT RESPIRATORY SUPPORT DEVICE, **Date of Grant:** 25.06.2024

- **Indian Patent Published Application Number:** 202411047250

**Title of the invention:** LOW POWER IOT BASED THREE FACTOR PROTECTED EMBEDDED ENTRANCE MONITORING SYSTEM, **Date of Published:** 05.07.2024





# Department of Electrical Engineering

The Department organised an expert lecture on “Career Growth in Plant Automation” on 27<sup>th</sup> February, 2024. The Distinguished Expert was Mr. Ehsanul Haque, Technical Consultant, General Electric International Inc. USA (also Former Distributed Control System Design Engineer, BHEL). The expert lecture was well coordinated by Dr. Monauwer Alam and Dr. Mirza Mohd. Shadab. The Department of Electrical Engineering in association with the Department of Mechanical Engineering and Department of



Electronics & Communication Engineering, Integral University, Lucknow, organized a comprehensive two-day workshop on “MATLAB & Artificial Intelligence (AI)” on 4<sup>th</sup> to 5<sup>th</sup> March, 2024. This two days workshop was coordinated by Dr. Monauwer Alam. The convenor of the event was Dr. Mohammad Atif Siddiqui, Head EED.

The Department conducted a One-Day Hands-On Workshop on MATLAB Applications in Electrical Engineering on 25<sup>th</sup> November 2023. This Hands-On session was coordinated by Dr. Isarar Ahamad and Mr. Prabhat Ranjan Sarkar. The convenor of the

event was Dr. Mohammad Atif Siddiqui Head, EED.

The Department of Electrical Engineering organized an Expert lecture on “Traction System in Indian Railways”, at Power System Lab, Department of Electrical Engineering, Integral University, Lucknow, held on 25<sup>th</sup> August 2023. The resource person for the Expert Lecture was Mr. Nirdosh Gupta, Deputy Chief Electrical Engineer, Lucknow Metro Rail Corporation (LMRC). The program was coordinated by Dr. M. M. Shadab.

The ‘Reveal Talent Club’ of the Electrical Engineering Department organized a debate on the topic ‘Is Artificial Intelligence Dangerous?’ and a fun game to celebrate Women's Day on March 9<sup>th</sup>, 2024. Dr. Mohammad Atif Siddiqui, extended his congratulations to the winners and commended the organizing committee for their assistance. The event was successfully coordinated by Ms. Ambreen Siddiqui.

The Department conducted a One-Day Industrial Visit of Electrical Engineering Students to ISRO Telemetry Tracking & Command Network (ISTRAC), Lucknow on 07<sup>th</sup> March 2024. Industrial Visit is accompanied by Dr. Isarar Ahamad, Mr. P. R. Sarkar, and Dr. Mohammed Asim.

The Department in association with Human Resource Development Centre (HRDC) Integral University, Lucknow organised a five day Short term Course (STC) through Information and Communication Technology (ICT) on “IoT and Sensor Networks (ICT94)” from 09<sup>th</sup> to 13<sup>th</sup> October, 2023 in collaboration with Ministry of Human Resource Development, Government of India's National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh as a remote centre. The program was well coordinated by Dr. Isarar Ahmad and Ms Ambreen Siddiqui.

It organized a value-added course on “Electric Vehicle Technology EEV-23-01”, from 30<sup>th</sup> October to 15<sup>th</sup> December, 2023.

It organized a Departmental Internship program ‘Programmable Logic Controller Application EET01-2023-24’, 1<sup>st</sup> July to 13<sup>th</sup> July, 2024, coordinated by Dr. Asif Jamil Ansari.

It organized a value added course “Networking using Cisco Packet Tracer EEV-23-02”, from 22<sup>nd</sup> April to 15<sup>th</sup> May, 2024.

## PATENTS

- **Dr. Mohammad Atif Siddiqui** et al. “OPAM- Optimal Parking Allocation Model” Application no. 202311063312, Published on 10<sup>th</sup> May, 2024.

- **Dr. Mohammad Atif Siddiqui** et al. “Automatic Drug Delivery System For Mean Arterial Blood Pressure Control” 202411022105, Published on 27<sup>th</sup> Oct., 2023.
- **Dr. Ahmad Faiz Minai; Akhlaque Ahmad Khan** et al. (2023). “Advanced Optimization Model for Coupling Power Plant to PV-Wind-Electric Vehicles”. Filing date: 22<sup>nd</sup> Sep., 2023. application number: 202341063717. publication date: 06<sup>th</sup> Oct., 2023. publication number: 40/2023.
- **Prof. M A Mallick, Mohammed Asim, M.M.Shadab.** “A Low Cost Solar Viscometer”,(application no. 3474/del/20, patent no. 474293)-granted on 29<sup>th</sup> November, 2023.
- **Prof. M A Mallick,** et al. “Low Cost IoT Based Smart Battery Monitoring System”,(Application no.202211017954)-published on 26<sup>th</sup> Jan., 2024.
- **Prof. M A Mallick, Dr. Mohd Atif Siddiqui,** Dr. Ahmad Faiz Minai “SPV Based Salinity Measuring Instrument For Water Analysis”,(application no.202411014879)-Published on 08<sup>th</sup> March, 2024.
- **Dr. Isarar Ahamad** et al. “Auto Cleaning Storm Water Harvester”(Application no.202311056649-Published on 22<sup>nd</sup> Sep., 2023.
- **Dr. Isarar Ahamad** et al. “Graphene Nanoribbon Field Effect Transistor Basedoperational Traconductance Amplifierwith High Slew Rate For Bio-S “ (application no.202311061483-published on 13<sup>th</sup> Oct., 2023.
- **Dr. Ahmad Faiz Minai** et al. “Multimodal Fuzzy Logic Based Variable Pitch Angle Control System For Wind Turbines” (application no. 202041035354)- granted on 31<sup>st</sup> July, 2024.
- **Monauwer Alam, Mohammed Asim, Asif Jamil Ansari** et al. “Erroneous Energy Reading Detector For Smart Energy Meter”, Published in 2023, Application no.202311073506.
- **Mohammed Asim** et al “Design of Transformerless Inverter Topology For Reduction of Common Mode Current In Grid-Connected PV System”, Application no. 202311012305, Published on 17<sup>th</sup> March, 2023.
- **Mohammed Asim** et. al. “High Gain, Low Power Triple Cascode Operational Transconductance Amplifier Using Carbon Nanotube Field Effect Transistor”, Application no 202311037711, published on 14<sup>th</sup> July, 2023.
- **Mohammed Asim, Ambreen Siddiqui** et al “Efficient, Ultra Low Power Instrumentation Amplifier Based On Carbon Nanotube Field Effect Transistors” Application no 202311063419, published on 13<sup>th</sup> Oct., 2023.
- **Mohammed Asim** et al “Multiple Output Dc/ Dc Converter With High Voltage Gains In Arithmetic Progression”

Application no. 202311058052, published on 29<sup>th</sup> Sep., 2023.

- **Mohammed Asim** et. al. “Integrated Hybrid Energy System For Rural Empowerment and Development” Application no 202411011338, Published on 23<sup>rd</sup> Feb., 2024.
- **Mohammed Asim** et. al. “A Quasi-Z-Source High Step UP DC- DC Converter” Application no. 202211026628, Granted on 26<sup>th</sup> April, 2024”

### Grants

**Dr. Mohammad Atif Siddiqui** (PI) and **Dr. Mohammed Asim** (CO-PI) received a seed grant of Rs. 1.5 lacs for their project “Design of Transformer Less Photovoltaic Grid-Connected Inverter”.

**Ahmad Faiz Minai (PI) and Akhlaque Ahmad Khan** (Co-PI), Health Monitoring, Performance, Optimization and Cost Evaluations Framework for 91-kW Rooftop Grid-Connected SPV System. Integral University, Lucknow. Sanctioned Amount: 1.5 Lacs.

**Dr. Asif Khan (PI) and Mohammad Atif Siddiqui (CO-PI)** received a seed grant of Rs. 1.10 lacs for their project “Design and implementation of an AI-Enhanced Mental Health Tool for academic stress”.

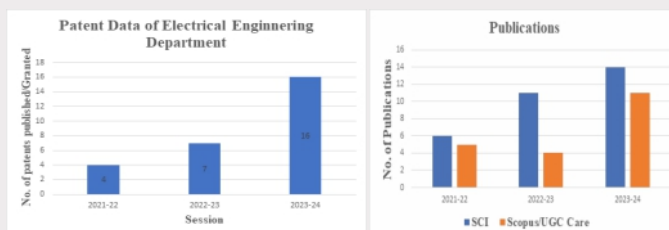
**Dr. Mohammed Asim** completed a seed money project titled “A high step up Quasi Z-source DC-DC converter” worth Rs 1.5 lac as PI.

### Awards/Honors/Distinctions received by Faculty Members:

**Akhlaque Ahmad Khan** selected for Best Researcher Award in the field of Renewable Energy | Solar Power | Wind Energy | Biomass Innovations | Sustainable Practices by Science Father, United Kingdom

### INTERNATIONAL VISIT BY THE FACULTY MEMBERS:

Dr. Ahmad Faiz Minai went for International Research experience for 3 months (from 22<sup>nd</sup> April, 2024 to 21<sup>st</sup> July, 2024) at UTM Malaysia. He worked on the project entitle “**Artificial intelligence (AI)** based performance optimization of Green data centers for sustainable operation” under the supervision of Dr. Hasmat Malik (CEng, PEng, SMIEEE), department of Electrical Power Engineering, UTM, Malaysia.





# Department of Environment Sciences



Chief Guest Mr. Abhinav Srivastava, deputy Commissioner, Department of Water Resources, River Development and Ganga Rejuvenation, Ministry of Jal Shakti, New Delhi received memento by Hon'ble Vice Chancellor, Integral University, Prof. Javed Musarrat.

The Department serves as a central hub for providing educational support to multiple departments within the university, adhering to UGC guidelines for courses in environmental science and disaster management. It facilitates collaboration between academia and industry to develop solutions to climate change and environmental issues. The department has established a Centre for Disaster Preparedness and Management under aegis, of which a certificate and a PG Diploma in Disaster Management have been started. The Center of Disaster Management and Preparedness provides students with the knowledge and skills needed to effectively respond to and manage disasters with the goal of reducing the impact of these events on communities. Consultancy Assignments handled. Corporate Training was also conducted.

## Major activities:

### World Wildlife Week:

Every year, Wildlife Week is observed to honor Mahatma Gandhi's birth anniversary and uphold his values of compassion and ahimsa toward all living things.

The theme given by the UN for this year's World Wildlife Day is "Partnership for Wildlife Conservation." This theme reflects the collaborative efforts required to protect and preserve a nation's

rich biodiversity. The Department celebrated the World Wildlife Day on October 7, 2023. Through a variety of activities, the program rejoiced and emphasized the need to raise awareness of wildlife protection and conservation.

### International Training cum Workshop on:

#### Integration of GIS and Disaster Risk Reduction for Resilient and Sustainable Community:

An International Training cum Workshop was jointly organized in Hybrid mode by the Department of Environmental Science, Integral University, Lucknow along with the State Disaster Response Force (SDRF), Uttar Pradesh, on the topic "Integration of GIS and Disaster Risk Reduction for Resilient and Sustainable Community" between November 29, 2023, to December 05, 2023. The workshop was organized to emphasize the ten-point agenda set up by Hon'ble Prime Minister "Shri Narendra Modi" to jointly work towards disaster risk reduction. During the Program an Exhibition was also arranged by SDRF, Uttar Pradesh in Integral University, where 31 Jawans from SDRF, Uttar Pradesh came and demonstrated to the participants and students, faculty members, and staff of the University the different types of equipment that they used for rescue and relief work. An MoU was also signed between Dr. Satish Kumar

(Commandant SDRF, Uttar Pradesh) and Dr. Mohd Haris Siddiqui (Registrar, Integral University, Lucknow). The Convener of the program was Dr. Ambrina Sardar Khan and Co-Conveners were Dr. Mohammad Usama & Dr. Swati Maurya.

#### World Wetland Day:

The Department celebrated World Wetland Day in a virtual mode on the Department of University campus. World Wetland Day was celebrated annually on 2nd February to raise global awareness about the vital role of wetlands for people and the planet. The theme for this year is **"Wetland and Well Human Being."** The theme recognizes wetlands as critical to people and nature, underscoring the intrinsic value of wetland ecosystems and their benefits and services, including contributions to sustainable development and human well-being.

#### WATER WEEK CELEBRATION:

Global Recycling Day, 18th March, World Sparrow Day, 20th March, International Day for Forest, 21th March and World Water Day, March 22, 2024.

The Department & UP Jal Nigam (Urban) Lucknow, CII-Young Indians (Yi) - Climate Action Vertical jointly organized the One Week Workshop and Awareness Program for Urban Water Management & Nature Conservation between 18th to 22th March 2024. Global Recycling Day 18th March, providing an opportunity for people to participate in local events and activities, World Sparrow Day, 20th March, International Day for Forest, 21th March and World Water Day, March 22, 2024.

The MoU between UP Jal Nigam and Integral University, Lucknow, was signed as the beginning of the remarkable journey of the industry-academic linkage.

#### Awareness Programme on Plastic Pollution and Environment:

In collaboration with the NSS, the Department held an awareness program on plastic pollution and the environment at Tedhi-pulia Chauraha in Lucknow on May 2, 2024. It aimed to educate the local community about the hazardous effects of plastics, strategies for reducing plastic waste, and promoting sustainable alternatives to single-use plastics. The program offered practical strategies for reducing plastic waste, including minimizing the use of single-use plastics, proper recycling, and choosing reusable alternatives. The attendees were encouraged to adopt these practices in their daily lives.

#### The First Alumni Meet:

The first Alumni Meet of the Department of Environmental Science was successfully organized under the supervision of energetic, outstanding leadership, and dedication of our Head of the Department, Dr. Ambrina Sardar Khan, on 04-05-2024 at 10.30 am in Hall-3 of the library building. Altogether 50

members comprising students from all the batches were present in online and offline mode during the meet. Besides other normal activities, the main objective of the Meet was to inform and brief the alumni about the progress and different activities done by the department.

#### Gender Equity and Equality:

S.No.	Name of Faculty	Granting Agency /Seed Money	Project Title	Session	Date of submission	Status
1.	Dr. Ambrina Sardar Khan	SERB-SURE	An Integrative Ecological Assessment of River Sharda (Kali) by Riverine Diatoms and Macroinvertebrates: A Pre-Linkage Study for the proposed Sharda-Yamuna Link	2023-2024	12-12-2023	Submitted, decision awaited
2.	Dr.Amina Jafri	SERB-SURE	"Phytoremediation Potential of Commercial Aromatic Grasses for Landfill Leachate"	2023-2024	12-12-2023	Submitted, decision awaited
3.	Dr. Shweta Yadav	SERB-SURE	Endophytic microbes-based enhancement of essential oil yield and its impact on RNA mediated regulation of biosynthesis pathway in <i>Cymbopogon flexuosus</i>	2023-2024	13-12-2023	Submitted, decision awaited
4.	Dr. Syed Saema	SERB-POWER	Sustainable Hydroponic Crop Production: Evaluating the Efficacy and Safety of Sewage Treated Water as a Nutrient Source	2023-2024	15-02-2024	Provisionally accepted
5.	Dr. Syed Saema	UPCST	In vitro secondary metabolite production through hairy root culture in <i>Enicostemma axillare</i> -an important medicinal plant	2023-24	16-02-2024	Submitted, decision awaited
6.	Dr. Rahila Rahman Khan	SERB-SURE	Optimizing Plant Growth Under Solar PV Panels for Sustainable Approach to Agrivoltaics	2023-24	15-12-2023	Submitted, decision awaited
7.	Dr. Swati Maurya	SERB SURE	Flood Fore casting & Risk Assessment over the selected catchment of Rapti River Basin of India	2023-24	13-12-2023	Submitted, decision awaited

The Department of Environmental Science, Integral University, commemorated an enlightening guest lecture on May 17, 2024, titled "Gender Equity and Equality" through online mode. Gender equality aims to achieve a world in which all individuals, regardless of their gender, have equal opportunities and rights. Dr. Kavita Tyagi, Head, Department of English, Dr. Shakuntala Mishra Rehabilitation National University, Lucknow, graced the occasion as the distinguished guest speaker, delivered valuable insights by giving numerous examples of biasness against feminine gender.

S.No.	Name of Programme	Date	Name of Collaborating Institute
1	One Week Workshop and Awareness Programme for Urban Water Management and Nature Conservation	18-03-2024 to 22-03-2024	Department of Environmental Science, Integral University, Lucknow & UP Jal Nigam (Urban) Lucknow & CII- Young Indians (YI) - Climate action Vertical
2	World Environment Day	05-06-2024	Department of Environmental Science, Integral University, Lucknow & National Botanical Research Institute (NBRI), organized an Environmental Information, Awareness, Capacity Building, and Livelihood Program Center (EIACP) at the CSIR-NBRI hosted the World Environment Day 2024 celebration. In this celebration, CSIR-Jigyasa, NCC Navyug Kanya Mahavidyalaya, Integral University, and Prithvi Innovations have also joined as co-collaborators and participated in full zeal and enthusiasm at NBRI, Lucknow, on June 5, 2024.

#### World Environment Day:

The Department of Environmental Science, Integral University, along with the National Botanical Research Institute (NBRI),



organized an Environmental Information, Awareness, Capacity Building, and Livelihood Program Center (EIACP), at the CSIR-NBRI hosting the World Environment Day 2024 celebration. In this celebration, CSIR-Jigyasa, NCC Navyug Kanya Mahavidyalaya, Integral University, and Prithvi Innovations have also joined as co-collaborators and participated in full zeal and enthusiasm at NBRI, Lucknow, on June 5, 2024. The primary focus of global events is on Land Restoration, Desertification, and Drought Resilience". The activities of the event placed strong emphasis on the significance of safeguarding and restoring land resources. A total of 127 individuals from 12 organizations, including colleges, universities, NGOs, and GlaxoSmithKline Pharmaceuticals, played an active role in the event. The faculty members and students of Environmental Science have enthusiastically participated in and grab certificates for the same.

S.No.	Topic of Invited Lectures/ Plenary Lecture	Speaker Name	Designation	Date
1.	Carbon Foot Prints, Water Security & Water Nexus	Prof. Archana Sarkar	Scientist F, National Institute of Hydrology, Roorkee, India	22nd Sep 2023
2.	Climate Change Prints, Water security & Water Nexus	Dr. Atul Kumar Srivastava	Scientist E, Indian Institute of Tropical Meteorology, Ministry of Earth Sciences, Govt. of India.	26th Sep 2023
3.	Integration of GIS and Disaster Risk Reduction for a Resilient and Sustainable Community	Mr. Shueb Iqbal	Additional SP, Deputy Commandant, Uttar Pradesh State Disaster Response Force	2nd Dec 2023
4.	Gender Equity and Equality	Dr. Kavita Tyagi	Head, Department of English, Dr. Shakuntala Mishra Rehabilitation National University, Lucknow	17th May, 2024

S.No.	Name of Faculty	Granting Agency/ Seed Money	Project Title	Session	Status & Amount
1.	Dr. Mariya Hasnat	Seed Money	Profiling of Socio-economic Status and Skill Development of Females for Sustainable Livelihood in Kaurihar block, Prayagraj, UP, India	2023-2024	Ongoing 1,50000/-
2.	Dr. Anand Mishra	Seed Money	Studies on Zooplankton Diversity in Fresh Water Ponds near at Integral University, Lucknow, Uttar Pradesh, India	2023-2024	Ongoing 1,50000/-

### 5. A brief review of research projects undertaken by the department

### 6. Programmes involving inter-institutional collaboration.

#### A brief on University- Industry Linkages :

- **TERI-EICAP:** The collaboration with The Energy and Resources Institute (TERI) under its Environment and Industrial Compliance Assessment Programme (EICAP) allows Integral University to engage in cutting-edge research on sustainable development, energy efficiency, and environmental conservation. This partnership enables students and faculty to work on real-world projects, leading to innovative solutions that can significantly impact society.
- **UP Jal Nigam:** Through this linkage, Integral University can contribute to the water management and sanitation projects in Uttar Pradesh. This collaboration can provide students with practical experience in addressing water-related challenges and help them develop skills that are directly

applicable to the industry.

- **SDRF Lucknow:** The State Disaster Response Force (SDRF) and Integral University decided to work on disaster management and preparedness projects. This collaboration can lead to the development of new strategies and technologies for disaster risk reduction, providing students with valuable experience in a critical area of public safety.

S.No.	Name of Faculty	Award Details	Date	Level
1.	Prof. M.A.Khalid	Award Conferred by Nepal Aquaculture Society, Kathmandu, Nepal through Hon'ble Mr. Mohan Bahadur Basnet, Minister of Health & Population, Government of Nepal on 6th October 2023	6/10/2023	International Agencies
2.	Prof. M.A.Khalid	Conferred Fellow of National Environmental Science Academy (NESA)	14/12/2023	National

#### Invited Lectures/Plenary Lectures organized by the

S.No.	Name of Faculty	Award Details	Date	Level
1.	Mrs. Prabha Chitrakar	Award Conferred by Nepal Aquaculture Society, Kathmandu, Nepal for Outstanding Professional Award-2023	6/10/2023	International Agencies

#### department:

S.No.	Name of Alumni	Placement Details
1.	Dr. Arunima Singh	Senior Biologist for Turtle Survival Alliance (TSA), Lucknow
2.	Dr. Ritu Garg	Deputy CEO at Environmental and Technical Research Center, Lucknow, U.P.
3.	Dr. Anshuman Tiwari	Environment Specialist in King Abdullah University of Science and Technology.
4.	Dr. Mohammad Usama	Assistant Professor, Department of Environmental Science, Integral University, Lucknow.
5.	Munsif Kamal	M. Tech in Computer Application in Integral University
6.	Ms. Pragati Sharma	Took admission in PhD Environmental Science.

#### The Details of seed money provided to teachers for research. :

#### Workshops/seminars:

- A six- week (8th April-14th May 2024) Green skilled development program of the Ministry of Environment, Forest and Climate change, Government of India, New Delhi was conducted under a consultancy assignment provided by The Energy and Resources Institute (TERI), New Delhi.

#### Extension activities :

- The Department in collaboration with the National Service Scheme (NSS) organized an awareness program on plastic pollution and the environment at Tedhipulia Chauraha in Lucknow on May 2, 2024. The program was led by faculty coordinators Dr. Rahila Rahman Khan and Dr. Syed Saima. Their primary aim was to educate the local community on the hazardous effects of plastic pollution on health and the environment.

#### Awards:

#### Awards received by Teachers:

#### Awards received by Students:

#### Research Scholars Placements (2023-24):

### Extension and outreach programs through NSS:

- The Department in collaboration with the National Service Scheme (NSS) organized an awareness program on "Plastic Pollution and Environment" under the theme of Swatch Bharat on May 2nd, 2024. The event aimed to educate participants on the importance of reducing plastic waste and adopting sustainable practices. The program offered practical strategies for reducing plastic waste, including minimizing the use of single-use plastics, proper recycling, and choosing reusable alternatives. The attendees were encouraged to adopt these practices in their daily lives. Participants engaged in interactive discussions in which they shared their thoughts, concerns, and suggestions on plastic pollution. This exchange of ideas fostered a sense of community and collaboration to address this issue. The attendees were encouraged to switch to eco-friendly products.

### MoU:

The MoU was inked with national/international academic and research institutions/industries/NGOs.

- 1- MoU with UP Jal Nigam, Lucknow Uttar Pradesh
- 2- MoU with SDRF, Lucknow, Uttar Pradesh

मैं वक्त था, गुजर गया, मैं लम्हा था, बिछड़ गया,  
मैं मंजर था, धुँधला गया, मैं सफर था, सिमट गया....  
कुछ यादें देकर जा रहा हूँ, कुछ वादे लेकर जा रहा हूँ,  
कुछ टूटे ख्वाब, कुछ पूरे ख्वाब, कुछ की ताबीर देकर जा रहा हूँ..  
अच्छा रहा, किसके लिए बुरा भी, मैं बेवफा भी, वफादार भी,  
मैं दर्द भी रहा और इलाज भी, मैं गम था तो गमगुसर भी,  
मैं ताक़त भी, मैं जालिम भी, मैं मजबूर और मज़लूम भी,  
मैं मासूम और तेज भी, मैं दुनिया, मैं कयामत भी,  
मैं किरदार और कलाकार भी, मैं तू था, मैं खुद भी, मैं ही साथ भी,  
मैं हमसफर भी, मैं हमराज भी, मैं आस भी, मैं क़यास भी,  
मैं मंजिल और मैं ही तलाश भी..  
मैं वक्त था, गुजर गया, मैं वक्त हूँ, मैं बदल रहा हूँ,  
मैं वक्त हूँ, मैं बदलूंगा..  
ताबीर से तामीर तक..आगाज से अंजाम तक  
मैं वक्त हूँ..मैं बदल रहा हूँ..  
इस साल से उस साल तक....

Composed by  
**Dr. Ambrina Sardar Khan**  
Head of the Department



"Ek Paid Maa Ke Naam", Plantation By Dean EVS, Prof. M. A. Khalid



# Entrepreneur Orientation Program-2024



Left: Prof. M. Haris Siddiqui, Mr. Ajay Kumar Dwivedi, Special Secretary, Agriculture Production Commissionerate Govt. of U.P., Prof. Balraj Chauhan, Department of Law, LU, Prof. Aquil Ahmad and Prof. Abdul Rahman Khan





# Annual Event Fiesta-24 celebrated at Integral University



Left: Mrs. Azra Waseem, Madam Chancellor; Prof. Javed Musarrat, Vice Chancellor; Prof. S. W. Akhtar, Chancellor; Dr. Syed Nadeem Akhtar, Pro Chancellor; Dr. Dinesh Sharma, Member of Parliament (Rajya Sabha) & the former Deputy Chief Minister of Uttar Pradesh

FIESTA'24, the much-awaited Annual Event of Integral University was celebrated during 29<sup>th</sup> Feb - 2<sup>nd</sup> March 2024, showcasing a rich tapestry of Artistic, Cultural, Technical, Literary and Sports events. The first day of the event was marked as the Inaugural Ceremony which was graced by benign presence of dignitaries likes the Honourable Chancellor & Founder Prof. S. W. Akhtar Sb, who declared the fiesta open and blessed the students with his warm and motivating words, Hon'ble Pro Chancellor Dr. Syed Nadeem Akhtar Sb., Honourable Vice Chancellor Prof. Javed Musarrat Sb., Madam Chancellor Mrs. Azra Waseem Saheba, the Registrar Prof. Mohd. Haris Siddiqui, who all showered their blessings to the students with their enlightening words. The August presence of the Chief Guest Dr. Dinesh Sharma, Member of Parliament (Rajya Sabha) & the former Deputy Chief Minister of Uttar Pradesh added colour and fervor to the occasion, along with the Guest of Honour Mr. R. Jagat Sai, IAS, SDM-Barabanki

who shared their insights to motivate the students and gave tips to the students for becoming successful in life. The Guests of Honour for the Prize Distribution and Sports Closing Ceremony were Shri. Mr. Abijith R. Shankar, IPS, DCP-North and Mr. Amit Kumawat, IPS, ADCP-East, Commissionerate of Lucknow.

There were galaxy of events in various categories like Artistic, Cultural, Technical, Literary and the month-long Sports events, which culminated on day-3 of Fiesta. The programs were spread out during three days at various places in the campus and cultural programs were both onstage and offstage. Important and much awaited Literary events were Debate Competitions, Self-Composed Poetry & Recitation, Slogan Writing, Essay Writing competition, Quiz, Poster Making etc, Artistic events were Rangoli, Best out of waste, Fiestography, Ink-Art, Sketching & Painting, Kite designing etc, Technical events like Impulse Momentum, Robo-Race, CAD Design, Byte Battle, AR-Rolling,





AR-Bowling, PharmaQuest, Squid Game, Tekken Tournament, Quizholic, Robo-Soccer, Innov-wave, Robo-War, FIFA-23 Duo Tournament, Electronic Quiz, BGMI Tournament etc. The cultural events delighted the audience with soulful voices of our students, who made the campus reverberate with musical charm. The vibrant, contagious and exuberant energy of the students was evident in the singing competitions and performances like Voice of Soul-Solo Singing, Jhalak-e-Ghazal, Jashne-e-Saaz, Qawwali, Bait Baazi, Skit, Grapple of Nomads-the band show, Tamsili Mushaira, etc, which kept the audience spellbound. The icing on the cake was sprinkled by its international students through Cultural Swap and Oud Play. Students enjoyed capturing the moments at "Selfie-points" especially put up at various locations.

The Fiesta-2024 also saw enthusiastic participation from international students, adding a global dimension to the festivities. Their vibrant cultures and talents added richness to the event, further enhancing the spirit of unity and diversity. Moreover, Fiesta-2024 featured an array of food stalls offering a diverse range of culinary delights from various cultures. From traditional Indian street food to international cuisines, the food stalls provided a gastronomic journey for attendees, reflecting the multicultural essence of Integral University. The prize

distribution ceremony on the last day served as a fitting tribute to the hard work, talent, and dedication showcased throughout the festival. The much-awaited 'Prize Distribution' ceremony took place, honouring the outstanding achievements and contributions of participants across various events and competitions held throughout the fiesta. Students who excelled in academics, arts, sports, and other areas were acknowledged and awarded for their hard work, dedication, and talent. The ceremony not only served as a platform to recognize and reward excellence but also inspired and motivated others to strive for success and reach their full potential. Fiesta'24 at Integral University was a celebration of creativity, talent, diversity, and unity.

On the Closing Ceremony/ Valedictory, Prof. Monowar Alam Khalid, Dean, Students' Welfare presented a brief report about Fiesta-2024, and termed this annual three-day inter-collegiate cultural, artistic, literary, technical and sports festival of Integral University, a grand success and mentioned that this student's fest has been meticulously planned, directed and executed by the students themselves, where they were themselves the script writers, the directors and the actors, guided by their competent faculty mentors. The festival infused vibrancy and colour in the campus, as evident with the enthusiastic and huge participation





of students from university and other institutions. The three-day extravaganza brought together students from various backgrounds to showcase their skills, share their passions, and foster a sense of community and camaraderie. From poetry recitations to musical performances, from cultural exchanges to intellectual challenges, Fiesta-24 was a melting pot of artistry

and innovation. As the curtains close on this year's festivities, the memories created and the bonds forged will continue to resonate, inspiring future generations to embrace their uniqueness, pursue their dreams, and embrace the spirit of Fiesta in all aspects of their lives.





# Foundation Day



Release of the News Letter, October 2023





# Founder's Gallery



The Founder's Gallery: Bringing Honour and Glory



Hon'ble Founder and Chancellor Prof. S.W. Akhtar Visited the Founder's Gallery



The Wall of Fame at a Glance\_ The Founder's Gallery



# Foreign Guest



Prof. Mohammad Bello Kawuwa, Mr. Chiruma Alhaji Buba,





# Graduation Day Ceremony for International Students at Integral University



The Graduation Day ceremony for the international students of Integral University was held on 15<sup>th</sup> July, 2023, with great pride and joy, celebrating the academic achievements of students from across the globe. The event, which took place in the university's grand auditorium, was graced by the presence of distinguished guests, including His Excellency Mr. Ahmed Sule, the High Commissioner of the Federal Republic of Nigeria to India, and His Excellency Mr. Basam Alkhatib, the Ambassador of the Syrian Arab Republic to India. Their presence added to the significance of the day, making it a memorable occasion for all attendees.

The ceremony was presided over by the Hon'ble Founder & Chancellor of Integral University, Prof. S.W. Akhtar, in the esteemed company of the Pro-Chancellor, Dr. Syed Nadeem Akhtar, Vice Chancellor, Prof. Javed Musarrat, and Executive Director, Directorate of International Affairs, Mr. Syed Adnan Akhtar. The event commenced with a warm welcome address delivered by Mr. Syed Adnan Akhtar, who extended heartfelt greetings to the dignitaries, students, faculty members, and proud parents.

In their respective addresses, His Excellency Mr. Ahmed Sule and His Excellency Mr. Basam Alkhatib lauded the academic environment and global vision of Integral University. They emphasized the significance of education as a bridge between nations, fostering unity, cultural exchange, and mutual growth. Both diplomats encouraged the graduates to take the knowledge they acquired at Integral University and use it to bring positive change in their home countries.

Hon'ble Chancellor, Prof. S.W. Akhtar, delivered an inspiring address, blessing the graduates and expressing his confidence in their abilities to contribute meaningfully to society. He exhorted the students that the values and knowledge imparted to them during their time at the university would guide them as they embark on their professional journeys across the world.

Nineteen degrees were awarded to the graduating students, marking the culmination of their hard work and dedication. The degrees were distributed by the distinguished guests, alongside the Chancellor and other university dignitaries. The Controller of Examinations, Prof. Abdul Rahman Khan, invited each graduate to the stage to receive their degrees, creating a moment of pride for the students, their families, and the faculty.



The ceremony concluded with a vote of thanks proposed by the Registrar, Prof. Mohd Haris Siddiqui, who expressed gratitude to the esteemed guests, the university leadership, and all those involved in making the event a success. The ceremony ended on

a patriotic note with the recitation of the National Anthem, leaving the graduates with a sense of achievement and hope for their future endeavors.

**List of degree recipients:**

Sl.No.	Rollno	Enrollment no	Name	Programme	Country
1	2001222020	2000102761	Stephen Odhiambo Ochieng	B.A.(Hons.) in English	KENYA
2	2001029059	2000101644	Kaseya Koni Martin	B.B.A.	DR CONGO
3	2001018171	2000101645	Mutepa Kazadi Heritier	B.C.A.	DR CONGO
4	2001018178	2000102905	Nelson Mandela Kalaplee	B.C.A.	LIBERIA
5	2001018229	2000100551	Tracy Theola Nyema	B.C.A.	LIBERIA
6	2001018230	2000102397	Tshewang Nidup	B.C.A.	BHUTAN
7	1901020002	1900104031	Abdallh Ismail Ibo Doso	B.Pharm.	SUDAN
8	1901020025	1900104215	Faisal Alhaji Jamiu	B.Pharm.	NIGERIA
9	1901020091	1900103608	Siddig Mohamed Ahmed	B.Pharm.	SUDAN
10	3001020001	2000100645	Geoffrey Wepukhulu Ngewa	B.Pharm.	KENYA
11	2001180003	2000101648	Kumwiya Kapalu Sam	B.Sc.(H)-Environmental Science	DR CONGO
12	2001185048	2000102936	Sadiq Kabir Assada	B.Sc.-Med. Lab. Technology	NIGERIA
13	1901183001	1900104169	Aisha Salmanu	B.Sc.-Nursing (Basic) Yearly	NIGERIA
14	2001184007	2000102934	Altine Naziru Kajiji	B.Sc.-Radio Imaging Technology	NIGERIA
15	2001927008	2000102370	Ugyen Kelzang	B.A. (Hons.) Sociology	BHUTAN
16	2101022040	2100100398	Bismark Agoba Opoku	M.B.A.	GHANA
17	2101023021	2100103700	Aloysious S. M. Gortor	M.C.A.	LIBERIA
18	2001073003	2000102773	Arnold Ratemo Muluha	M.Sc.-Medical Biochemistry	KENYA
19	2101025003	2100101201	Deepak Mallah	M.Sc.-Industrial Chemistry	NEPAL





# Faculty of Humanities & Social Sciences



## International Day of Non-Violence:

The department of Humanities & Social Sciences celebrated the “International Day of Non-Violence” at Central Auditorium. The event honoured Mahatma Gandhi on Gandhi Jayanti, highlighting his principles of non-violence. It featured an inaugural ceremony, personal pledges to uphold Gandhi's legacy, an interactive session with Prof. Nalin Ranjan Singh on Gandhi's enduring impact, and artistic expressions by students and faculty. The day served as a reflection on Gandhi's philosophy and its relevance in promoting global peace.

## World Mental Health Day:

The department organized the World Mental Health Day event themed “Mental Health is a Universal Human Right.” The event featured activities such as poster making, wall painting, speeches, singing, poem recitation, and a skit, aimed at raising awareness about mental health. Students performed a skit highlighting mental health challenges.





### **Happy Parents Home:**

The Department of Humanities and Social Sciences at Integral University organized a meaningful extension activity on 5<sup>th</sup> of December 2023. The event involved a visit to the Happy Parents Home, an old age home situated in Indira Nagar. The participants were enthusiastic students pursuing B.A.(Hons.) demonstrating the Department's commitment to fostering a sense of social responsibility among its students. Upon reaching the destination, the students were warmly welcomed by the management. The interaction that followed proved to be profoundly meaningful, providing a unique opportunity for both the students and the elderly residents to share experiences and insights.

### **Guest lecture on Combating Poverty: Advancing towards SDG 1:**

The Department organized a guest lecture on 8<sup>th</sup> December, 2023. The esteemed guest speaker for the event was Prof. Sahu, Head of the Department of Sociology, University of Lucknow, Lucknow. He addressed on the topic "Combating Poverty: Advancing towards SDG 1" The program commenced with a welcome address by Dr. Archana Pande. The expert talk was a resounding success, bringing together academia, poetry, and a commitment to making a positive impact on society. The event not only raised awareness about the challenges of poverty but also inspired action through the subsequent donation drive.

### **Extension Activity at Rainbow Society for Differently Abled :**

The Department demonstrated its commitment to social integration through an inclusive society by organizing a Three-Day extension activity at the Rainbow Society for Differently Abled from 6<sup>th</sup> to 8<sup>th</sup> December 2023.

### **Three-Day Extension Activity at Chetna Institute of Mentally Challenged**

The Department organized a Three-Day extension activity at the Chetna Institute of Mentally Challenged from 6<sup>th</sup> to 8<sup>th</sup> December, 2023.

### **International Conference on Multidisciplinary Perspective towards Sustainability in the Era of Artificial Intelligence (ICMPSAI) :**

The Department organized a Two-Day International Conference from 5<sup>th</sup> to 6<sup>th</sup> March, 2024. The Inaugural Session of the International Conference on Multidisciplinary Perspectives in Social and Applied Sciences and its Impact (ICMPSAI) 2024, was a remarkable event, beginning with welcome note from Prof. Zeba Aqil. The session featured a distinguished lineup of speakers and guests who contributed significantly to the event. Prof. Mohd. Haris Siddiqui, Registrar of Integral University, delivered an insightful address, setting the tone for the conference with his valuable perspectives. Prof. Akbar Husain, Adjunct Professor at the Department of Humanities & Social

Sciences, Integral University, also shared his expertise as the Guest of Honour. The international dimension of the conference was enriched by the participation of Prof. Aqueel Khan from the School of Education, University Technology, Malaysia, who provided a global perspective through his enlightening address. The session was addressed by the presence of Prof. Braj Bhushan from the Department of Psychology at IIT Kanpur and Prof. Shalabh from the Department of Statistics at IIT Kanpur, who contributed their scholarly insights. The event was honored by the presence of Dr. Syed Nadeem Akhtar, the Hon'ble Pro-Chancellor of Integral University, Prof. Javed Musarrat, the Hon'ble Vice Chancellor of Integral University, who shared their thoughts on the conference. Prof. Manoj Dixit, Vice-Chancellor of Maharaja Ganga Singh University, Rajasthan, participated as the Chief Guest.

### **Lecture on "Relevance of Dr. B.R. Ambedkar's Thoughts" :**

On B.R. Ambedkar Jayanti, 13<sup>th</sup> April 2024, Dr. Md. Rahat Hasan, Aligarh Muslim University, delivered a compelling lecture on "Relevance of Dr. B. R. Ambedkar's Thoughts." He explored Ambedkar's intellectual journey, his foreign education's impact on his understanding of Indian society and his significant role in India's independence and social reforms. He also highlighted the relevance of Ambedkar's ideas for addressing contemporary social and economic issues.

### **Heritage Walk :**

The Department organized a Heritage Walk of the historic city of Nawabs, Lucknow, on April 22, 2024. The event aimed to provide students with a first-hand experience of the rich cultural heritage and historical significance of the Lucknow city.

### **A Three-Day International Workshop on Psychotherapeutic Modalities: An Interventional Approach":**

The Department hosted a "A Three-Day International Workshop on Psychotherapeutic Modalities: An Interventional Approach" from 1<sup>st</sup> to 3<sup>rd</sup> May, 2024. This hybrid event that attracted over 180 participants featured a diverse range of psychotherapeutic techniques. The workshop was inaugurated by key university figures and distinguished guests, including Prof. Javed Musarrat and Prof. Sam Manickam. Key sessions covered various modalities such as Dialectical Behaviour Therapy, Psychoanalysis, and Music Therapy, led by experts like Dr. Ashutosh Srivastava and Prof. Anand Pratap Singh. The workshop provided a valuable platform for professional development and knowledge exchange in psychotherapy. Through practical sessions and discussions, participants gained insights into therapeutic approaches and their applications in clinical settings.

### **Educational Program on "Fundamentals of Capital and Commodity Market" :**

A One-day educational program on "Fundamentals of Capital

and Commodity Market” in Collaboration with MCX India Ltd. was organized by the Department. The event aimed to provide faculty and students to manage their finances and plan for their future. The Resource person of the educational program was Mr. Nitin Sahu, Manager, Business Development, MCX, who delivered an informative presentation on the topic. The program began with a welcome of the guest by Prof. Zeba Aqil.

#### **Career Counselling Session on “Don’t Limit Yourself” :**

The department along with the Centre for Career Guidance and Development (CCG&D), the Admission Cell, and Physics Wallah (Only IAS), hosted a career counselling session on “Don’t Limit Yourself” On 13<sup>th</sup> May, 2024. The event provided valuable insights into IAS preparation, focusing on Polity & Governance and CSAT strategies.

#### **Guest lecture on “Understanding the Relationship between Sociology and Literature”:**

The department hosted an online guest lecture on “Understanding the Relationship between Sociology and

Literature.”, on 15<sup>th</sup> May, 2024. The lecture was delivered by Dr. Irfanullah Farooqui, Senior Visiting Fellow at the Centre for the Studies of Plural Societies, New Delhi; the lecture explored the interplay between these fields. Dr. Farooqui's insights were followed by an engaging Q & A session where he addressed students' questions and encouraged further research.

#### **National Webinar on “Relevance of Caste Today in India”:**

The department hosted a national webinar on “Relevance of Caste Today in India,” on 17<sup>th</sup> May, 2024. Keynote speakers Prof. S.K. Chaudhary from the University of Lucknow and Prof. Bikram K. Mishra from Cuttack, Orissa, explored the enduring influence of caste and its intersection with gender, economic status, and regional disparities. A panel discussion with Dr. Archana Pande, Dr. Vandana Mishra, Dr. Jawed Akhtar, and Dr. Faizan Haque examined the roles of education, technology, and reservations in addressing caste issues. The session concluded with an engaging Q & A, highlighting the need for ongoing dialogue and action towards social justice.





# Human Resource Development Centre



1	8 <sup>th</sup> to 14 <sup>th</sup> October 2023	4th Global Multi-Track Virtual Conference, STAR 2023
2	09 <sup>th</sup> to 13 <sup>th</sup> October 2023	One-week STC Program on "IoT and Sensor Networks (ICT-94)"
3	26 <sup>th</sup> October 2023	One day Workshop on "Remote Sensing based data Analytics in Agriculture"
4	30 <sup>th</sup> October to 3 <sup>rd</sup> November 2023	128- IIRS ISRO Outreach Programme on "Overview of Geo-Computation and Geo-web Services"
5	6 <sup>th</sup> to 17 <sup>th</sup> November 2023	129- IIRS ISRO Outreach Programme on "RS & GIS Applications in Natural Resource Management"
6	28 <sup>th</sup> November to 11 <sup>th</sup> December 2023	131- IIRS ISRO Outreach Programme on "Geo-data Sharing and Cybersecurity"
7	19 <sup>th</sup> to 23 <sup>rd</sup> February 2024	134- IIRS ISRO Outreach Programme on "Exploring Earth's Moon through Chandrayaan"
8	19 <sup>th</sup> to 23 <sup>rd</sup> February 2024	135- IIRS ISRO Outreach Programme on "Geospatial Analysis using Google Earth Engine"
9	6 <sup>th</sup> February to 1 <sup>st</sup> March 2024	One-week STC "AI/ML and Data Science for Industry 4.0 (Advanced Level)"
10	9 <sup>th</sup> & 10 <sup>th</sup> February 2024	Two Days Faculty Member & Teaching Supporting Staff Induction Program
11	26 <sup>th</sup> February to 1 <sup>st</sup> March 2024	One Week Short Term Course on "Integrated Water Resource Management"
12	4 <sup>th</sup> to 8 <sup>th</sup> March, 2024	Five Days Faculty Development Programme on 'Effective Teaching through Modern Technologies'
13	22 <sup>nd</sup> to 26 <sup>th</sup> April 2024	Five Days Short-term Course "Research Methodology and Publication Ethics"
14	24 <sup>th</sup> April to 10 <sup>th</sup> May 2024	139- IIRS ISRO Space Science and Technology Awareness Training on Theme Exploration of the Solar System
15	30 <sup>th</sup> May to 3 <sup>rd</sup> June, 2024	Five Days Faculty Development Programme (FDP-2024) On Effective Teaching through Content Development and Online Pedagogy

## 126- IIRS ISRO Outreach Programme on "Global Navigation Satellite System"

Human Resource Development Centre (HRDC), Integral University, Lucknow, one of the Nodal Centers of Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Govt. of India, Dehradun, India, organized the 126- IIRS ISRO Outreach Programme on "Global Navigation Satellite System" from September 25 to October 6, 2023 for working professionals and students in association with IIRS, ISRO.

**Topics of the programme :** Satellite Navigation- I , DGPS demonstration (Pre-recorded followed by live query session), Satellite Navigation- II , GPS receivers, processing methods, errors and accuracy , GPS signal characteristics, Data formats (broadcast, precise ephemeris), Indian Regional Navigation Satellite System (IRNSS) ,Satellites based Augmentation systems & GPS Aided and GEO Augmented Navigation (GAGAN) ,Advance GNSS processing .

**Expert Talk on:** "Unleashing Business Performance: The TOC Way- Mind-sets and Behaviours". Human Resource Development Centre under the aegis of the Office of the Pro-Chancellor organized an Expert Talk on "Unleashing Business Performance: The Theory of Constraints (TOC) Way- Mindsets and Behaviors". The keynote speaker was Dr. Prabhu Aggarwal, Vice Chancellor, of Bennett University. The event aimed to explore the application of the Theory of Constraints (TOC) in enhancing business performance, with a particular focus on the role of mindsets and behaviours.

Hon'ble Chancellor and Founder, Hon'ble Pro-Chancellor, Hon'ble Vice Chancellor, Executive Directors, Registrar, Directors, Deans, Head of Departments and other senior members of the University graced the occasion.

Hon'ble Pro-Chancellor, Dr. Syed Nadeem Akhtar welcomed Prof. Aggarwal and elaborated on his vast experience and credentials who has over 30 years of experience in Industry and Academia, serving as the Vice Chancellor of Bennett University founding Vice Chancellor of OP Jindal University, Chhattisgarh, Chief Learning Officer, of JSPL Group, Assistant Dean and faculty, Mason School of Business, College of William & Mary, Virginia, USA.

Prof. Aggarwal also embarked upon understanding organizational linkages, focusing on what's important, and understanding concepts of throughput, investment, etc.

Prof. Syed Waseem Akhtar, Hon'ble Chancellor and Founder, of Integral University blessed the audience and felicitated Prof. Aggarwal with the University Memento.

## The 4th Global Multi-Track Virtual Conference, STAR 2023

Organized by Integral University, in collaboration with Centro Universitario Unifacvest from Brazil, South America, and Special Minds from India, marked a significant milestone in the realm of international academic discourse. Human Resource Development Center (HRDC) and the Internal Quality Assurance Cell (IQAC) jointly coordinated this conference which proved to be a platform of profound knowledge exchange and collaborative exploration.

### Unifacvest & Special Minds:

Joining hands with Integral University was UNIFACVEST, a multi-disciplinary university aiming to be a reference in education quality and excellence. Located in Lages, Brazil, its campus spans 26,000 square meters with modern facilities.

Special Minds is an educational support services entity that offers holistic advancement in personal and professional spheres. Through offline and online training programs, publishing services, mentoring, and research support, Special Minds encourages creative thinking and diligent action.

The esteemed leadership behind the conference comprised distinguished individuals who played integral roles in its organization and success. Chief Patron of the Conference was Prof. S. W. Akhtar, Founder and Chancellor of Integral University, while the Patrons included Prof. Syed Nadeem Akhtar, Pro-Chancellor, and Prof. Javed Musarrat, Vice-Chancellor of Integral University. Heading the Conference Secretariat were Prof. Syed Aqeel Ahmad, Director of HRDC, Integral University, and Prof. Syed Misbahul Hasan, Director of IQAC, Integral University. Their meticulous coordination ensured the smooth functioning of conference logistics. Leading the conference as Chairs were Dr. Arceloni Neusa Volpato, Head of International Office Affairs at Centro Universitario Unifacvest, Brazil, and Prof. Dr. B. Balaji, Founder & CEO of Special Minds, India, whose expertise and guidance steered the conference towards excellence.

Date	Name of the Speaker	
8th October, 2023	<b>Prof. Arceloni Neusa Volpato</b> , Head of International Affairs and Faculty of Engineering, Unifacvest University, Brazil,  <b>STAR 2023 Conference Chair</b>	In her address, Prof. Volpato emphasized the collaboration between Integral University and the Indian Academic Research Association, highlighting the magnitude of this academic event aimed at building and sharing knowledge. She expressed wishes for the best throughout the galaxy of researchers and all present dignitaries, concluding with a hopeful message for a successful event and the transformative power of science.



"	<b>Prof. Javed Musarrat,</b> Vice- Chancellor, Integral University, Lucknow, Uttar Pradesh, India	Prof. Javed Musarrat commended the organizing team's efforts, emphasizing the conference's significance in covering various spheres for sustainable development. He stressed the role of individuals, communities, and institutions in achieving UN's 2030 agenda, urging educators to instill sustainability values in future generations. The need for institutions to align with sustainable goals, prioritizing research initiatives, was underlined.
"	<b>Prof. Syed Misbahul Hasan,</b> Director, IQAC, Integral University, Lucknow, Uttar Pradesh, India	The speaker passionately conveyed the conference theme, emphasizing the role of multilateral organizations in promoting peace, equality, and sustainable development. He stressed the conference's focus on the universal agenda for sustainable development and the interconnectedness in a changing world. Collaboration was encouraged for thought-provoking discussions and collective action. Strategies providing national roadmaps and encouraging long-term transformation were advocated for a sustainable future.
"	<b>Dr. Anbalagan Krishnan,</b> Associate Professor, Accounting, Wawasan Open University, Malaysia	Dr. Krishnan addressed challenges in higher education, emphasizing the evolving role and the necessity for new models. The dual leadership dimensions for managing a university were discussed, balancing practical managerial skills and academic insight. Private universities face challenges in financial considerations, quality assurance, and resource availability. The significance of strong leadership in managing cash flow, integrating technology, and adopting social marketing strategies was highlighted. Ongoing training for staff was emphasized to maintain a quality learning experience.
"	<b>Wg Cdr (Retd.) K. K. Verma,</b> Director, Innovative Institute of Unlearning, New Delhi	Former Wing Commander K. K. Verma highlighted the significance of unlearning and the Singularity movement. Practical steps were outlined, urging individuals to know their strengths, utilize resources, and make unlearning a way of life. The discourse concluded by highlighting that embracing unlearning as a lifestyle would pave the way for new ideas to emerge.
"	<b>Dr. Sailesh Iyer,</b> Professor and Dean, Rai School of Engineering, Rai University, Ahmedabad, Gujarat, India	Dr. Sailesh Iyer discussed key UN Sustainable Development Goals and explored AI applications in managing traffic, healthcare, and various industries. The transformative potential of AI and robotics in healthcare, IoT applications, and smart technologies was underscored. The speaker highlighted how these technologies can address global challenges and improve various aspects of life.
"	<b>Ms. Anuja Sehgal,</b> Chairperson, Women Empowerment Committee, Noida Management Association, Visiting Faculty, Amity B- School	Ms. Anuja Sehgal explained Appreciative Intelligence as the ability to identify positive potential in situations. Steps to develop this intelligence were covered, including fundamental acceptance, realizing responsibilities, and practicing solution-focused questions. Building blocks for strategic choices and leadership were discussed, focusing on framing the right questions and evolving through adaptation and learning.
9th October, 2023	<b>Prof. Mekhala Venkatesh</b> Associate Professor and Research Guide, Department of English Jain Deemed to be University, Bengaluru	Prof. Mekhala Venkatesh's presentation delved into the rich history of libraries, tracing their origins from ancient Mesopotamia to modern times. She underscored the significant transition to electronic resources (E-resources) in the digital age, emphasizing the benefits and challenges associated with this shift. In her insightful discourse, Prof. Venkatesh explored the impact of digital materials, including e-books, e-journals, and online databases, on information access. The integration of web OPAC (Online Public Access Catalogue) emerged as a pivotal tool, offering centralized access to subscribed e-resources. Prof. Venkatesh concluded by highlighting the profound changes in information utilization brought about by digital libraries, marking a significant chapter in the ongoing evolution of libraries.
10th October, 2023	<b>Prof. Soeli Zembruski, Professor,</b> Transcultural Practices, Unifacvest University, Brazil, South America	In her speech on "Strategies for Teaching and Embracing Students' Individualities in High School," she emphasized recognizing diverse individualities and highlighted the importance of differentiated instructions and personalized learning. The crucial role of relationships, continuous professional development, and paying attention to students' individualities and diverse learning styles were discussed.
"	<b>Prof. Saba Siddiqui,</b> Head, Department of Agriculture (IIAST), Integral University, Lucknow, India	Prof. Siddiqui covered Actinobacteria's Gram-positive nature, DNA composition, and versatility in organic matter degradation. Their applications in medicine, agriculture, biotechnology, and environmental science, focusing on enzyme production and antibiotic sourcing, were highlighted. Actinobacteria's probiotic potential and their application in bioremediation were discussed, offering a comprehensive overview of their diverse applications.

	<b>Prof. Mohammad Atif Siddiqui,</b> Head, Department of Electrical Engineering, Integral University, Lucknow,	The discussion on the recent trend in Green Technology focused on Electric Vehicles (EVs) and their control. Proposed solutions, benefits of EVs, mechanical composition, and the importance of regenerative braking were outlined. Vehicle modeling and simulation tools, controllers for EVs, and the challenges of PID control were explained. The presentation concluded by addressing the modeling of electric vehicles and methodologies for controlling Non-Holonomic Electric Vehicles (NHEV), emphasizing enhanced performance compared to other controllers.
21st October, 2023	<b>Prof. Syed Aqeel Ahmad</b> Director, HRDC Integral University, Lucknow,	Professor Syed Aqeel Ahmad expressed gratitude for being part of the valedictory session of the 2023 Multitrack virtual conference, thanking participants, speakers, organizers, and sponsors for their crucial support. Reflecting on the week-long event, he emphasized its role as a training ground for cultivating innovative ideas and collaborations, encouraging attendees to apply the gained knowledge in addressing global challenges.
"	<b>Prof. Alvina Farooqui,</b> Professor and Head, Department of Bioengineering, Integral University, Lucknow, India	Dr. Alvina Farooqui presented "Cyanobacterial Bioactive Compounds," showcasing lab cultures at Integral University's Stress Biology and Cyanobacterial Biotechnology Research Laboratory. The presentation covered applications from antiviral agents to aquaculture feed, along with details on Spirulina-based cookies' production and their positive impact on malnourished rats. The study's significance was underlined, focusing on cost-effective bioenergy production, wastewater bioremediation, and addressing water scarcity in communities.
"	<b>Prof. Suresh Paul Antony,</b> Indian Institute of Management, Tiruchirappalli, Tamil Nadu, India	<p>The discussion delved into the critical components of a business model, notably the profit formula, which entails the revenue model, cost structure, margin model, and resource velocity. The emphasis on key processes, rules, metrics, and norms underlined the pivotal role in achieving both repeatable and scalable success in delivering value. The practical example of Tata Nano illustrated the application of these principles, emphasizing the significance of working backward from a target price and identifying key resources and processes.</p> <p>The speech also highlighted situations prompting business model changes, such as disruptive innovations and a focus on the job-to-be-done. Marketing control emerged as a key factor, with metrics like Net Marketing Contribution (NMC), Marketing Return on Sales (Marketing ROS), and Marketing Return on Investment (Marketing ROI) playing a crucial role. The overarching theme was encapsulated by the quotes: "What gets measured, gets managed" by Peter F. Drucker, and "If you can't measure it, you can't manage it," emphasizing the vital role of effective measurement in steering towards business goals.</p>
"	<b>Dr. Divya Rajkumar Panjwani,</b> Assistant Professor, Faculty of Education, Integral University, Lucknow, Uttar Pradesh, India	Dr. Divya R. Panjwani extended her sincere gratitude by thanking everyone who contributed to the success of the STAR 2023 Global Multi-Track Virtual Conference. She expressed thanks to Prof. Syed Wasim Akhtar, Founder and Chancellor, Integral University, Dr. Syed Nadeem Akhtar, Pro Chancellor, Integral University, Prof. Javed Musarrat, Vice-Chancellor, Integral University and the Integral University team for their support and acknowledged Prof. Dr. B. Balaji and Special Minds for organizing the conference and Global Excellence Awards. Dr. Panjwani appreciated the Guest of Honors, including Vice-Chancellors, Principals, Directors, Deans, Faculty, and Corporates, highlighting their significant contributions. Special thanks were extended to Prof. Syed Aqeel Ahmed, Prof. Syed Misbahul Hasan, and the entire Secretariat for their invaluable support. The Conference Chairs, Dr. Arceloni Neusa Volpato and Prof. Dr. B. Balaji, were recognized for their crucial roles. Dr. Panjwani thanked all convenors, faculties, research scholars, and participants, expressing anticipation for their participation in future programs. In conclusion, she bid a warm goodbye to everyone involved.

**One-week STC Program on IoTs and Sensor Networks (ICT-94)** The Department of Electrical Engineering Under the Aegis of HRDC, Integral University, Lucknow, Department of Electrical Engineering, Under the Aegis of Human Resource Development Centre, Integral University, Lucknow, organized AICTE Recognized Short Term Course through Information and Communication Technology (ICT) from 09-13 October 2023.

**Topics covered during programme:** Advanced Geospatial

technology and data analytics in Agriculture, Remote Sensing of Soils, Analytics of Microwave Remote sensing in Agriculture, Geospatial analytics for Predictive soil mapping, Geospatial crop water analytics

## **28- IIRS ISRO Outreach Programme on "Overview of Geo-Computation and Geo-web Services".**

The center organized the 128- IIRS ISRO Outreach Programme on "Overview of Geo-Computation and Geo-web Services" from



October 30 to November 3, 2023 for working professionals and students in association with IIRS, ISRO. Topics covered:

- Open Geodata Repositories & ISRO Geo-web Services for thematic applications
- Introduction to Geo-computation, Online GIS and Geo-web services
- Programming concepts for Geo-computation
- Overview of Web-GIS and application
- Introduction to Cloud based geospatial data processing

### **129- IIRS ISRO Outreach Programme on "RS & GIS Applications in Natural Resource Management"**

The HRDC, Integral University, organized the 129- IIRS ISRO Outreach Programme on "RS & GIS Applications in Natural Resource Management" from November 06-17, 2023 for working professionals and students in association with IIRS, ISRO.

**Topics of the programme:** RS & GIS Applications in Geological studies, RS & GIS Applications in Disaster Mitigation & Management, RS & GIS Applications in Water Resources Management, RS & GIS Applications in Coastal Zone Management, RS & GIS Applications in Atmospheric & Studies, RS and GIS Applications in Soil Resource Management, RS & GIS Applications in Crop Resource Assessment and Monitoring, RS & GIS Applications in Forestry and Ecology, RS & GIS Application in Urban & Regional Planning.

### **131- IIRS ISRO Outreach Programme on "Geo-data Sharing and Cybersecurity")**

The Human Resource Development Centre (HRDC), Integral University, organized the 131- IIRS ISRO Outreach Programme on "Geo-data Sharing and Cybersecurity" from November 28 to December 11, 2023 for working professionals and students in association with IIRS, ISRO.

**It focused on two critical themes:** Geo-data Sharing and Cybersecurity. Hosted by the Indian Space Research Organisation (ISRO), the program aimed to foster collaboration, knowledge exchange, and capacity building among participants in the fields of remote sensing, geospatial data management, and cybersecurity.

### **134- IIRS ISRO Outreach Programme on "Exploring Earth's Moon through Chandrayaan"**

The center organized the 134- IIRS ISRO Outreach Programme on "Exploring Earth's Moon through Chandrayaan" from February 19 - 23, 2024 for working professionals and students in association with IIRS, ISRO.

### **It featured a specialized course on "Exploring Earth's Moon through Chandrayaan," with Objectives:**

To provide an in-depth understanding of the Moon using data from Chandrayaan missions

To Educate participants on the scientific findings and technological advancements achieved through these lunar missions

To provide a comprehensive understanding of lunar science using data from Chandrayaan missions

To explore the scientific findings and technological advancements of Chandrayaan-1, Chandrayaan-2, and Chandrayaan-3

### **135- IIRS ISRO Outreach Programme on "Geospatial Analysis using Google Earth Engine"**

The HRDC organized the 135- IIRS ISRO Outreach Programme on "Geospatial Analysis using Google Earth Engine" from February 19-23, 2024 for working professionals and students in association with IIRS, ISRO.

The "Geospatial Analysis using Google Earth Engine" course, offered by the Indian Institute of Remote Sensing (IIRS) was conducted free online course to cover the basics of geospatial analytics, visualization techniques, and machine learning applications for satellite imagery processing using Google Earth Engine.

### **One-week STC "AI/ML and Data Science for Industry 4.0 (Advanced Level)"**

The Human Resource Development Centre and the Department of Computer Science & Engineering, Integral University, organized AICTE Recognized Short Term Course through Information and Communication Technology (ICT) on "AI/ML and Data Science for Industry 4.0 (Advanced Level)" from 26th February - 1st March 2024 at Integral University, Lucknow. The event was conducted in collaboration with the National Institute of Technical Teachers Training & Research, Chandigarh. It aimed to provide advanced training in AI, Machine Learning, and Data Science for.

### **Faculty & Teaching Supporting Staff Induction Program:**

Human Resource Development Centre organized a 02 Day Faculty/Administrative Staff Induction Program from 9 to 10 February 2024 for newly inducted Faculty Members, Teaching Supporting and Administrative Staff of the year 2023-24. The induction program was designed to cover various aspects required for a new inductee to perform his/her duties and be motivated toward fulfilling the Vision and Mission of Integral University.

The program was inaugurated with the blessings of Prof. Javed Musarrat, Honourable Vice-Chancellor, and Integral University. Prof. Syed Aqeel Ahmad, Director HRDC welcomed the participants and enlightened them about the history of Integral University and its humble beginning. Prof. Ahmad described the untiring efforts of the Hon'ble Founder and Chancellor of Integral University Prof. Syed Waseem Akhtar and the poise 'Vision & Mission' of the University.

#### **Online One Week Short Term Course on "Integrated Water Resource Management":**

The Human Resource Development Centre organized AICTE Recognized Short Term Course through Information and Communication Technology (ICT) on **"Integrated Water Resource Management"** from 26th February - 1st March 2024 at Integral University, Lucknow. The event aimed to provide advanced training in Water Resource Management, Clean Technologies for Wastewater Minimization and Zero Waste Water concept.

#### **Five - Day Faculty Development Programme on 'Effective Teaching through Modern Technologies' Organized by AIU-Integral University - Academic & Administrative Development Centre.**

Integral University was granted a Centre for Academic and Administrative Development Centre (AADC) by the Association of Indian Universities. The primary objective of the center is to organize advanced, short-term training and capacity-building programs for faculty members and administrative staff across universities and other higher education institutions (HEIs).

AIU- IU AADC organized its first Faculty Development Program on "Effective teaching through Modern Technology" from 04/03/2024 to 08/03/2024, through **ONLINE** Mode.

The five-day Faculty Development Program yearned to keep the faculty members abreast with Modern Technologies most relevant in the present time, thus reforming the effective teaching practices in all the disciplines and shaping the participants into becoming the pillars of a much more desirable and candescent tomorrow.

#### **Five Day Short-term Course on "Research Methodology and Publication Ethics"**

AIU- IU AADC organized a Five Days Short-term Course (STC) on "Research Methodology and Publication Ethics", from 22nd-26th April 2024. The primary objective of this STC was to enrich the knowledge of faculty members and research scholars regarding the principles and practices of conducting systematic research. Prof. Javed Musarrat, Honourable Vice-Chancellor, Integral University, graced the occasion with his presence; he

shared his valuable insights on the topic with the audience.

#### **Training on Theme: Exploration of the Solar System:**

The center organized the 139- IIRS ISRO Space Science and Technology Awareness Training on **Theme: Exploration of the Solar System** from April 24-May 10, 2024 for students in association with IIRS, ISRO Headquarter.

This initiative focused on educating and inspiring undergraduate and postgraduate students in the field of space science and technology, with a special emphasis on the exploration of the solar system with major topics: **Planetary Exploration: Moon Exploration: Asteroids and Comets: Solar Studies: Space Exoplanet Exploration: Space Technology:**

#### **Five Day Faculty Development Programme on: Effective Teaching through Content Development and Online Pedagogy**

"Tell me and I forget, teach me and I may remember, involve me and I learn." With this thought in mind, continued the third Chapter of the AIU-Integral University- Academic and Administrative Development Centre Five Days FDP on Effective Teaching through Content Development and Online Pedagogy.

The Five Faculty Development Program desired to make the faculty members well-informed with Content development and Online Pedagogy which are most relevant in the present time, thus reforming the effective teaching practices in all the disciplines and shaping the participants into becoming the pillars of a much more desirable and candescent tomorrow.

During the Faculty Development Programme, the participants actively engaged with the Resource Persons by fostering meaningful dialogues. The FDP was successfully managed and coordinated by Mr Zishan Raza Khan, Nodal Officer, AIU-IU-AADC, Dr Divya R. Panjwani and Dr Nazia Akhlaq, the program coordinator under the able guidance of Prof. (Dr.) Syed Aqeel Ahmed, Director, HRDC, Integral University. The Faculty Development Programme successfully completed with the blessings of Dr. Panjak Mittal, Secretary General, AIU, Dr. Amrendra Pani, Joint Director & Head Research Division, AIU and Prof. Javed Musarrat, Hon'ble Vice-Chancellor, Integral University, Lucknow.







The health of a society depends not only on its access to care but on the dedication and knowledge of those who provide it.

Wherever the art of Medicine is loved, there is also a love of Humanity. – Hippocrates



Left: Prof. Javed Musarrat, Vice Chancellor; Prof. S.W. Akhtar, Founder & Chancellor; Mr. Mayankeshwar Sharan Singh, Hon'ble Minister of State for Health, Medical Education, and Parliamentary Affairs; Dr. Syed Nadeem Akhtar, Pro-Chancellor & Mr. Syed Fauzan Akhtar, Executive Director, IIMS&R



# Orientation Program of MBBS Batch-2024



The Orientation Program for the MBBS Batch 2024-25 was held on October 16, 2024, at the Central Auditorium of Integral University. The event was a significant occasion that welcomed new students and their families to the university, while highlighting the institution's vision for future healthcare professionals.

The event commenced with the assembling of students and their guardians, ushered by student representatives, followed by the welcoming of dignitaries. A lamp-lighting ceremony was performed by the dignitaries, symbolizing knowledge and enlightenment.

The Welcome Address was delivered by Mr. S.M. Fauzan Akhtar, Executive Director - Healthcare, who warmly greeted the new students. This was followed by the playing of the University Tarana, fostering a sense of institutional pride.

Key addresses were delivered by notable figures, including Prof. Javed Musarrat, Vice Chancellor, and Dr. Syed Nadeem Akhtar, Pro Chancellor.

The Chief Guest, Mr. Mayankeshwar Sharan Singh, Hon'ble Minister of State for Health, Medical Education, and Parliamentary Affairs, emphasized the importance of medical education and healthcare in the current era.

In his Presidential Address, Prof. Syed Waseem Akhtar, Hon'ble Chancellor & Founder of Integral University, encouraged the students to uphold ethical standards in their careers.

A key moment of the program was the Charak Shapath, administered Faculty Coordinator, wherein the students took a solemn oath to uphold medical ethics. This was followed by the unveiling of the NABH Accreditation for Integral Hospital, IIMSR, marking a milestone for the institution's healthcare services.

The Chief Guest was honored with a Shawl and Memento as a token of appreciation, and Prof. Dr. Abha Chandra, Dean, IIMSR, extended her gratitude in the Vote of Thanks.

The event concluded with the National Anthem, instilling a sense of patriotism and unity among the attendees, marking a successful start to the new academic year for the MBBS Batch 2024-25.



## Activities of Medical Institute at a glance:

### DEPARTMENT OF GENERAL SURGERY

#### **“Insights into Future Cardiovascular Care: Lecture on a Novel Anticoagulant”**

The department of General Surgery at IIMSR, Integral University, organized a Guest Lecture on 4<sup>th</sup> January 2024. The event was graced by the Executive Director of IIMSR, Syed Mohd. Fauzan Akhtar, and the Dean of IIMSR, Prof. (Dr.) Abha Chandra. The event commenced with a warm welcome address by Dr. Pankaj Kumar, Professor & Head of the Department of General Surgery. In his address, Dr. Kumar emphasized the significance of the event and its relevance to the academic and professional growth of the attendees.

The Guest Speaker was Dr. Puneet Mohan, Vice President and Development Program Lead at Bristol-Myers Squibb, a major pharmaceutical company, based in Princeton, New Jersey, USA. As a Program Leader, he is responsible for the growth of the next-generation anticoagulant, Milvexian, a factor XI inhibitor. He pursued his interventional cardiology at The Queen Elizabeth Hospital, Adelaide, Australia and OLV Ziekenhuis, Aalst, Belgium, and was awarded a Doctorate in Medical Sciences (PhD) from the University of Antwerp, Belgium.

#### **“Solitary Pulmonary Nodule a Perplexing diagnostic problem”.**

The department organized a CME on 17<sup>th</sup> January 2024, featuring an insightful lecture by Prof. Abha Chandra. Her talk focused on the complexities surrounding Solitary Pulmonary Nodules (SPNs), particularly their identification on plain X-rays, which pose unique diagnostic challenges for clinicians, radiologists, and pulmonologists alike. Prof. Chandra emphasized the critical role of Multidetector Row CT (MDCT) in the modern era, highlighting its value as an essential diagnostic tool for SPNs. She explained how MDCT allows for the early detection of malignancy, enabling timely surgical intervention when necessary. The use of Video-Assisted Thoracoscopic Surgery (VATS) in the diagnosis and management of SPNs was also discussed, showcasing its minimally invasive advantages. A key takeaway from her talk was the assertion that lesions greater than 3 cm should be considered malignant unless proven otherwise, underlining the importance of early diagnosis and intervention to optimize patient outcomes.

### DEPARTMENT OF PSYCHIATRY

The department of Psychiatry conducted a highly engaging CME on “Mental Illness and Stigma” on the 10<sup>th</sup> of January 2024. The event focused on addressing the pervasive issue of stigma surrounding mental health and aimed to provide healthcare

professionals with a deeper understanding of the challenges faced by individuals with mental illnesses. The speaker highlighted how stigma often leads to discrimination, social isolation, and delays in treatment for mental health patients. The session explored the various forms of stigma, including public, self, and institutional stigma, and their significant impact on patient outcomes and healthcare delivery.

### DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

#### **Cervical Cancer Awareness Camp:**

The department of Obstetrics and Gynecology at IIMSR organized an Awareness Camp on Cervical Cancer from 23<sup>rd</sup> to 27<sup>th</sup> January 2024. The camp aimed to educate women about the importance of cervical cancer prevention, early detection, and treatment. During the camp, healthcare professionals emphasized the critical role of regular screening through Pap smears and HPV vaccination in reducing the incidence of cervical cancer.

### THE DEPARTMENT OF ENT

The Department of ENT, on January 24<sup>th</sup>, 2024, organized a CME lecture on the critical topic of “The Importance of Early Hearing Loss Detection in Neonates and the Paediatric Age Group: Dr. Falak Faiyaz, a Postgraduate Junior Resident in the ENT Department at IIMSR, Lucknow, delivered the lecture. The speaker emphasized the significance of early detection of hearing loss in newborns and young children, discussing its profound impact on language development, social integration, and overall quality of life.

#### **Guest Lecture on World No-Tobacco Day: Protecting Children from Tobacco Industry Interference**

The department organized a guest lecture to mark ‘World No-Tobacco Day,’ on 31<sup>st</sup> May, 2024, focusing on the global theme, “Protecting Children from Tobacco Industry Interference.” The event, held in the Central Auditorium, emphasized the collective responsibility in creating a tobacco-free environment for children, encouraging active participation from both healthcare professionals and the general public.

#### **CME Lecture on Foreign Body in ENT :**

The department of hosted a CME lecture titled “Foreign Body in ENT.” on 26<sup>th</sup> June 2024. Dr. Bushra Athar, Senior Resident in the Department of ENT, IIMSR, Lucknow, addressed the session. Dr. Jaya Gupta, Associate Professor in the Department of Microbiology moderated the lecture.

#### **CME-cum-workshop on Hand Hygiene :**

On February 2<sup>nd</sup> 2024, the Department of Microbiology at IIMSR, organized a CME-cum-workshop on “Hand Hygiene.” The event

emphasized the critical role of proper hand hygiene in infection control and patient safety. Attendees participated in practical demonstrations, enhancing their understanding of best practices in clinical settings.

#### **Free Hearing Check-Up Camp on "Ear and Hearing Care for All".:**

In celebration of World Hearing Day on 4th March 2024, the Department of Otorhinolaryngology, IIMSR, organized a free hearing check-up camp, embracing this year's theme: "Ear and Hearing Care for All." This initiative aimed to raise awareness and provide accessible hearing care services to the community.

#### **World Hearing Day:**

It is an annual global event dedicated to promoting ear and hearing care while raising awareness about hearing loss. The 2024 theme "Let's make ear and hearing care a reality for all", underscored the importance of accessible hearing health services for everyone. The camp was held at the ENT OPD in IIMSR, Lucknow, with the support of the Executive Director, IIMS& R, Mr. Syed M. Fauzan Akhtar. During the event, patients got the opportunity to receive comprehensive examinations from our dedicated ENT specialists, including Dr. Ranveer Singh, Dr. Pankaj Kumar Verma, Dr. Jaya Gupta, and Dr. Mohd. Ziya A total of 80 patients were examined during the camp.

#### **DEPARTMENT OF GENERAL MEDICINE:**

##### **World Cancer Day Program**

The department of General Medicine, on 6<sup>th</sup> February, 2024, along with the MBBS students of Batch 2020, organized a World Cancer Day Program at the Medicine OPD of IIMSR. The primary objective of the program was to raise awareness among patients regarding cancer, with this year's theme "Close the Care Gap." This campaign focused on understanding and addressing the inequities in cancer care globally, emphasizing the importance of collective action.

##### **CME on Tuberculosis update 2024 :**

The Department of General Medicine and Respiratory Medicine organized a faculty training program and CME on "Tuberculosis update 2024" on 15th April 2024 in Central Auditorium Integral University. Flyer

#### **DEPARTMENT OF COMMUNITY MEDICINE**

The department of Community Medicine organized a CME on the topic 'Climate Change and Health' on 07<sup>th</sup> February 2024. The speaker of the event was Dr. Pradeep Kumar Tiwari, Assistant Professor in the Department of Community Medicine, IIMSR.

The speaker introduced establishing an ethical framework for health research is paramount to ensure the integrity,

transparency, and well-being of participants involved in studies.

#### **Health talk on "Filaria Elimination Programme"**

The Department of Community Medicine, Integral Institute of Medical Sciences and Research, on the occasion of the Filaria Elimination Programme 2024, organized a health talk on 15<sup>th</sup> February 2024.

The Filaria Elimination Program is a comprehensive public health initiative aimed at eradicating filarial infections, particularly lymphatic filariasis, a mosquito-borne parasitic disease. This program focussed on mass drug administration (MDA) with anthelmintic drugs to at-risk populations, interrupting the transmission cycle of the parasite. Additionally, the initiative incorporates vector control measures, health education, and surveillance activities to monitor and evaluate progress. The ultimate goal was to eliminate the transmission of filarial parasites and alleviate the burden of associated morbidity in affected communities.

#### **Research Methodology Course for MD/MS Students**

Organized an offline Value-Added Course on Research Methodology for all postgraduate students pursuing MD/MS courses in different subjects at IIMSR. This six-day value-added course with 30 hours of active engagement was organized from 27 February to 02 March 2024 in offline mode using ILI (Integral Learning Initiative) a collaborative blended learning platform.

#### **Quiz for "World Health Day":**

The Department of Community Medicine organized a quiz for MBBS batch 2021 students on 8<sup>th</sup> April 2024.

World Health Day is celebrated on April 7 every year across the globe marking the anniversary of the founding of the World Health Organization in 1948. Its annual celebration draws attention to a specific health topic of concern to people from all over the world. This year's theme was 'Health for All', and marked 75 years of the establishment of WHO.

#### **Health talk on World Malaria Day 2024:**





The Department organized a health talk on World Malaria Day 2024 on 25<sup>th</sup> April 2024. World Malaria Day 2024 was marked by global efforts to raise awareness about the ongoing battle against malaria and to emphasize the importance of continued investment in prevention, treatment, and research. Various organizations, governments, and communities worldwide conducted events, campaigns, and initiatives to highlight the progress in combating malaria while acknowledging the challenges that remain. Through education, outreach, and advocacy, stakeholders reiterated the need for sustained commitment to eliminate malaria, particularly in regions where the disease remains endemic.

#### **Guest Lecture on National Dengue Day:**

The Department organized a Guest Lecture on Thursday, 16<sup>th</sup> May 2024 in Central Auditorium, Integral University.

National Dengue Day 2024 was commemorated with a fervent call to action against the relentless threat of dengue fever. As health officials, policymakers, and communities united in solidarity, the day served as a poignant reminder of the ongoing battle against this mosquito-borne disease. Various activities marked the occasion, including public awareness campaigns, community clean-up drives, and educational seminars aimed at prevention and control measures.

#### **Talk on Tuberculosis and Immunization-Health:**

The health talk was organized at Amarsanda village on 29th July 2024 by students of the MBBS Batch of 2022, along with residents and faculty members of the Community Medicine Department at IIMSIR. The residents of Amarsanda Village attended the talk, which focused on Tuberculosis (TB) to educate the community about the disease, its symptoms, modes of transmission, and the importance of early detection and

treatment. The session also covered the global and local efforts to combat TB, emphasizing the need for public awareness and engagement about its spread through the air, making it highly contagious in close-contact environments.

#### **DEPARTMENT OF ANESTHESIOLOGY**

##### **Value-added course on : Advanced Cardiovascular Life Support (ACLS):**

The Department concluded a three-day value-added course on Advanced Cardiovascular Life Support (ACLS) from 15th to 17th February 2024, held specifically for the PG Residents of Batch 2022. The program focused on providing hands-on experience in cardiopulmonary resuscitation techniques, effective management of cardiac arrest, and addressing various arrhythmias, all emphasizing the importance of teamwork in emergencies. The course was led by five AHA-certified instructors over the three days.

The Department hosted a CME workshop on Mechanical Ventilation on September 8th, 2024. The event was organized at the Central Auditorium and featured hands-on training for 63 participants, primarily postgraduate trainees from U.P. and Bihar. The primary objective of this workshop was to enhance knowledge regarding the latest technologies in critical care. The session focused on training delegates in mechanical ventilation, covering various aspects such as indications, alarms, graphs, modes, and settings with insights from renowned faculty from AIIMS Delhi, SGPGI, KGMU, and RMLIMS. The workshop also covered ECMO basics and concluded with an engaging quiz session. The event was graced by the presence of the Executive Director Mr. Syed Mohd. Fauzan Akhtar, Dean of IIMSIR, Prof. (Dr.) Abha Chandra, DMS IIMSIR and Dr Syed Belal Hassan

#### **DEPARTMENT OF PHYSIOLOGY**



### **Interactive Session on Gut-Brain Axis and Its Implications in Health and Disease**

The Department on 21<sup>st</sup> February, 2024, organized a CME and interactive session on the topic “Gut-Brain Axis and Its Implications in Health and Disease.” Dr. Sara Siddiqui, the keynote speaker, explored the intricate connection between the gut and the brain, delving into how this axis influences various physiological processes and its emerging role in mental and physical health. The session underscored the importance of understanding gut-brain interactions in new therapeutic strategies for many diseases.

### **DEPARTMENT OF OPHTHALMOLOGY**

The Department organized a Quiz Competition to celebrate “ALL ABOUT LOW VISION AID” organized by the Department on 27<sup>th</sup> Feb 2024.

**A CPC on Eyelid sebaceous gland carcinoma: A Clinic pathological diagnosis**, was organized by the Department on 28<sup>th</sup> Feb 2024

A CME on “**Glaucoma & Diabetes**” An overview to prevent sight loss was organized by the Department of Ophthalmology on 27<sup>th</sup> March 2024.

On 16<sup>th</sup> May, 2024, the Department of Ophthalmology hosted a successful Quiz Event with 154 participants, including medical students, residents, and professionals. The quiz covered all aspects of ophthalmology including clinical practice, with prizes awarded to the top three winners and certificates for all participants.

A CME was organized by the **Department of Obstetrics & GYNECOLOGY** on 13<sup>th</sup> march 2024 on “MTP act 2021”

### **Safe Motherhood Camp:**

The camp was organized, by the Department of Obstetrics and Gynecology on 15th April 2024, on National Safe Motherhood Day in Gynae OPD.

Health Awareness Session on 'Prevention of Fatty Liver' Conducted under Project SMiIES

### **A health awareness session on "Prevention of fatty liver":**

It was conducted online on 14<sup>th</sup> March 2024 in LT-11, Phase II, Integral Institute of Medical Sciences & Research (IIMSR), Lucknow. The interactive session was held for MBBS students of batch 2023 as a part of Project SMiIES, a campaign run by Prof. Dr. S.K. Sarin, Director, Institute of Liver and Biliary Sciences (ILBS), New Delhi, and his team, to make India Stronger through a million health educated students about fatty liver disease.

The speaker was Ms. Iswarya S, Project Officer, Project SMiIES, ILBS, New Delhi. She informed the students that fatty liver is a health condition characterized by accumulation of excess fat in the liver, and is becoming increasingly common among the youth of India.

**A CME on “Snooze or Lose: Why We Must Sleep Good”** was organized by the Department of Psychiatry on 20/03/2024 for all the faculty and residents of the IIMS&R

**A guest lecture** on “sample collection and cold chain transportation” was organized by the Department of Medical Laboratory Sciences on 21<sup>st</sup> March 2024 in Phase 4, IIMSR. Prof. Dr Kalpana Singh, Head of the Department of Biochemistry, was the event’s guest speaker. Also, under NSS, an awareness program on the occasion of Cervical Cancer and World Tuberculosis Day was conducted.

### **Viksit Bharat Program 2047:**

The IIMSR embarked on a **Transformative Odyssey** on April 1<sup>st</sup> and 2<sup>nd</sup>, 2024, in Central Auditorium, Integral University, Lucknow, Uttar Pradesh. It was organized on the 1<sup>st</sup> and 2<sup>nd</sup> of April 2024, that showcased the exceptional ingenuity and creative insight of MBBS students from all batches at IIMSR. This two-day program culminated in a vibrant display of innovative excellence, highlighting the future of healthcare in India.





## Highlights:

### Oral Presentations:

Students delivered erudite and thought-provoking discourses on a variety of seminal topics.

#### Presentations included:

- Comparative analyses of Indian and Western healthcare paradigms
- Visionary medical breakthroughs anticipated by 2047
- Transformative synergies between healthcare and the Internet of Things (IoT)
- Genomics-driven lifestyles
- Revolutionary cancer treatments and solutions for antimicrobial resistance

### Poster Presentations:

The innovative visual narratives presented during this segment highlighted groundbreaking healthcare solutions, proactive preventive measures, and impactful awareness initiatives. These posters served as a testament to the creativity and research insight of the students.

### Skit Performance:

A poignant and evocative theatrical presentation titled "The Struggles of Doctors in India" captured the complexities and challenges faced by Medical Professionals in the country. The skit resonated with the audience, reflecting the dedication and resilience required in the medical field.

The Programme 2047, not only, provided a platform for students to showcase their talents but also fostered discussions on the future of healthcare in India.

**A guest lecture on "Metabolic Dysfunction Associated Liver Disease"** was organized in the Central Auditorium by the Department of General Medicine. Dr. Gaurav Pandey, additional professor, Gastroenterology, SGPGI on 30<sup>th</sup> April 2024.

**Professional Development Program:** A program on "Curriculum Evaluation-Course Plan, Unit Plan, Lesson Plan, MRP, CRP" was held from April 25-27, 2024 organized by IIMS& R.

**Workshop on** Quality Control in the laboratory as per ISO 15189 (NABL/NABH) was organized by the Department of Biochemistry in collaboration with Quadel Ortho, USA ON 3rd May 2024.

**Workshop and Training Session** on First Aid Training was held on 4th May, 2024. It was a comprehensive First Aid Training session in collaboration with the Department of Management.

**National Nurses Day:** On 12<sup>th</sup> May, 2024, IIMS& celebrated National Nurses Day with a panel discussion featuring nursing faculty and various competitions, including essay writing, speeches, debates, poster presentations, quizzes, and rangoli.

### Model Making Competition :

A Model Making Competition on Embryology & Genetics was organized, by the Department of Anatomy on 14<sup>th</sup> May 2024 for MBBS 1<sup>st</sup> Year, 2023-24.

The purpose of organizing this competition was to encourage the students to come up with new and innovative ideas and to enhance their thinking skills. Various models with different concepts of Embryology & Genetics were prepared and presented by the students.

The projects of participants were evaluated based on concept and presentation, participation, questions & answers.

### Menstrual Hygiene Camp:

#### DEPARTMENT OF PHYSIOLOGY

### Value-Added Course :

The department organized a Value-Added Course titled "Research Curiosity Instillation Programme (RCIP)" for MBBS students from May 22<sup>th</sup> to June 19, 2024. The program aimed to



inspire students by exploring the lives, work, and discoveries of 10 influential physiologists.

#### **Yoga for Self and Society:**

The department conducted one week Yoga program from 13/06/2024 to 21/06/2024, culminating in the observance of International Yoga Day on 21<sup>st</sup> June. Under the theme “Yoga for Self and Society,” the event featured early morning yoga-asana practice at the university lawn, following the Common Yoga Protocol provided by NMC, the Ministry of Health, and the Ministry of AYUSH. The event concluded with a poster presentation competition and yoga-asana demonstrations by 1st-year MBBS students.

#### **DEPARTMENT OF DERMATOLOGY**

The department organized a poster-making competition on World Leprosy Day to raise awareness about leprosy prevention and treatment. Students from the MBBS 2021 batch participated, showcasing creative posters that emphasized early detection and reducing stigma. The certificate was awarded to participants by the department, an initiative aimed to promote understanding and support for leprosy eradication efforts.

#### **WORLD BREASTFEEDING WEEK 2024 CELEBRATION:**

World Breastfeeding Week is celebrated annually from the 1<sup>st</sup> to the 7<sup>th</sup> of August. The theme was “Closing the gap: Breastfeeding support for all” focussed on creating awareness about the benefits of breastfeeding for both mother and child and providing support to parents to make informed decisions about breastfeeding.

##### **Health Talk:**

The health talk was conducted at RHTC and in Sansarpur village on 3<sup>rd</sup> August 2024 by interns and LMO of RHTC, IIMSR under the supervision of Head of the Department, Dr Kuldeep Srivastava, and RHTC in charge Dr Pradeep Kumar Tiwari. The health talk was attended by twenty participants at RHTC and fifteen participants at Sansarpur village.

##### **Nukkad Natak :**

The Nukkad Natak for breastfeeding awareness was organized at OPD block phase-3 IIMSR on 6<sup>th</sup> August 2024 by students of MBBS Batch-2021 under the supervision of Dr. Kuldeep Srivastava, faculties, and residents of the Community Medicine Department. Nukkad Natak was attended by patients and their relatives attending OPDs.

##### **The Objectives of the Events :**

“To educate participants on the benefits of breastfeeding for both infants and mothers.

“To address common myths and misconceptions about breastfeeding.

“To discuss the challenges faced by breastfeeding mothers and provide practical solutions.

“To encourage the community to create a supportive environment for breastfeeding mothers.

The health talk and Nukkad Natak on World Breastfeeding Week 2024 successfully highlighted the significance of breastfeeding and the need for a supportive environment to enable mothers to breastfeed effectively. The event fostered a sense of community among participants and provided valuable insights into overcoming breastfeeding challenges.

#### **DEPARTMENT OF PAEDIATRICS**

The department successfully organized World Breastfeeding Week from 1<sup>st</sup> to 7<sup>th</sup> August, 2024, raising awareness about the importance of breastfeeding among MBBS students, nursing staff, and the general public. The program featured three educational talks, attended by 25 participants, covering key topics such as the benefits of breastfeeding, proper latching techniques, overcoming common challenges, the importance of skin-to-skin contact, and balancing breastfeeding with work.

**Highlights:** included interactive sessions with Q&A, demonstrations, personal stories from consultants and mothers, and the distribution of educational resources. Feedback showed that 95% of attendees gained knowledge and confidence, with 90% feeling more motivated to breastfeed and 85% more comfortable seeking help. The event increased awareness, improved confidence, and stronger support for breastfeeding mothers.

#### **DEPARTMENT OF NURSING**

The Department of Nursing at Integral Hospital organized a role-play activity on 2<sup>nd</sup> August, 2024, as part of Breastfeeding Week, titled "Closing the Gap - Breastfeeding Support for All." Held at the Gynaecology OPD, the event aimed to raise awareness about the benefits of breastfeeding, educate mothers and families on proper breastfeeding techniques, and emphasize its importance for both mothers and babies. The role play was performed by nursing staff members Meena Samant, Sudha, Anupma Dhuriya, Vanshika, and Sama Sharma, under the guidance of organizers Dr. Annapurna Reddy (DNS), and nurse mentors Mrs. Gayatri Sharma, Ms. Princy Dubey, and Ms. Sameena Akhtar. The event successfully conveyed the importance of breastfeeding, promoting exclusive breastfeeding practices. Antenatal and postnatal mothers, and their families, actively participated and engaged throughout the session.

The department organized a Poem Competition on August 3,



2024, as part of the Breastfeeding Week celebration, themed "Closing the Gap - Breastfeeding Support for All." Held at the Gynaecology OPD, the event aimed to raise awareness about the benefits of breastfeeding and educate mothers and families on proper techniques and their importance for both mother and baby.

The department organized a rally on 4<sup>th</sup> August, 2024, as Breastfeeding Week, themed "Closing the Gap - Breastfeeding Support for All." The rally aimed to raise public awareness about the benefits of breastfeeding, promote support for breastfeeding mothers, normalize breastfeeding in public and private spaces, and empower mothers to overcome challenges.

The Department organized a workshop on August 6, 2024, as part of Breastfeeding Week, titled "Closing the Gap - Breastfeeding Support for All." The workshop was at the OBG OPD and focused on essential topics such as safe medication during lactation, breastfeeding, and milk storage, and the cultural perspectives on breastfeeding. The objective was to educate participants on the benefits of breastfeeding, promote support for breastfeeding mothers, normalize breastfeeding during illness, and empower mothers to make informed decisions.

#### **Rangoli competition on the occasion of breastfeeding week**

The department organized a role-play activity on 2<sup>nd</sup> August 2024 in the Gynaecology OPD as part of the Breastfeeding Week celebrations. The event focused on the theme "Closing the Gap - Breastfeeding Support for All," highlighting the importance of universal support for breastfeeding mothers.

#### **Breast Feeding Awareness Camp:**

On 4<sup>th</sup> August 2024, a rally was held at Integral Hospital to mark Breastfeeding Week, on the theme of "Closing the Gap - Breastfeeding Support for All." The rally aimed to raise awareness about the importance of breastfeeding and the need for inclusive support for mothers everywhere.

#### **Talks on : "Breastfeeding Awareness Talks"**

Department of Pediatrics, IIMSR, Integral University is organizing the World Breastfeeding Week from 1<sup>st</sup> to 7<sup>th</sup> August. The program is aimed to spread awareness regarding the importance of breastfeeding among under graduate MBBS students, Nursing Staff and Public in general.

**Objective:** To educate and raise awareness about the importance of breastfeeding among new mothers, expectant mothers, and their families.

#### **Talks Details:**

- Number of talks: [03]

- Number of attendees: [25]

- Topics covered:

- Benefits of breastfeeding
- Proper latching techniques
- Overcoming common challenges
- Importance of skin-to-skin contact
- Breastfeeding and work

#### **Highlights:**

- Interactive sessions with Q&A and discussions
- Demonstrations used to enhance understanding
- Personal stories and experiences shared by consultants and breastfeeding mothers
- Distribution of educational materials and resources

#### **Feedback:**

- 95% of attendees reported increased knowledge and confidence in breastfeeding
- 90% reported feeling more motivated to breastfeed
- 85% reported feeling more comfortable asking for help and support

#### **Outcomes:-**

- Increased awareness and understanding of breastfeeding benefits and techniques
- Improved confidence and motivation among new and expectant mothers
- Enhanced support system for breastfeeding mothers

#### **Recommendations:**

- Conduct regular breastfeeding awareness talks and workshops

#### **Conclusion:**

The breastfeeding awareness talks were a success, with positive feedback and outcomes. We recommend continuing and expanding this initiative to support and empower breastfeeding mothers.

### **DEPARTMENT OF GENERAL SURGERY**

The department organized a Two Days Live Workshop on "Hemorrhoid Treatments" under Prof. Pankaj Kumar, Head, Department of General Surgery, from 06<sup>th</sup> to 07<sup>th</sup> August 2024. The program was focused on providing training on the use of staplers & sclerotherapy for the treatment of hemorrhoids. Around 30 participants enrolled in the workshop. The chief guests of the events Dr. Alankar Gupta and Dr. Praveen Kumar Arya delivered informative lectures in the Central Auditorium, a live operative demonstration in the OT Complex. The program

concluded with a vote of thanks by Prof. (Dr.) Abha Chandra.

### **Myths & Facts of Liver Transplant.**

The department under the leadership of Prof. Pankaj Kumar, Head of the Department, organized an insightful Guest Lecture on 3<sup>rd</sup> September, 2024, at the central auditorium, Integral University. The session featured Dr. Waliullah Siddiqui, a Consultant Gastroenterologist specializing in HPB and Liver Transplant, who delivered a detailed and engaging talk on the topic, “Myths & Facts of Liver Transplant.”

The event concluded with a heartfelt vote of thanks delivered by Prof. (Dr.) Abha Chandra, marking the success of a truly impactful and educational session.

### **DEPARTMENT OF ANATOMY**

#### **Science of Body Preservation:**

The department organized a Continuing Medical Education (CME) session on 21<sup>st</sup> August, 2024, focussing on ‘Embalming: Science of Body Preservation.’ The session offered an in-depth exploration of the history & evolution of embalming, chemicals and fluid, methods & steps of arterial embalming, and highlighting the scientific principles underlying the preservation of human bodies.

#### **Community outreach program at RHTC Sansarpur and UHTC Sarvodaya Nagar by Eye Department on the occasion of Eye Donation fortnight to create awareness about the advantages of eye donation among society members.**

On 7<sup>th</sup> September, 2024, IIMSR hosted an Author Workshop and Orientation Program titled "Open Access & Altmetric Reach: How to Publish," aimed at, equipping researchers and scholars with essential knowledge and tools for effective academic publishing. The event, led by the Office of the Dean, featured esteemed speakers including Christian Box, Mr. Priyank Taparia, Francesca Brazzorotto, and Dr. Grainne McNamara, who

presented informative sessions on open-access publishing and maximizing the reach of academic work. Participants, including doctors, Junior Residents (JRs), anesthesiologists, and faculty members, engaged actively in the PowerPoint presentations and hands-on sessions. The event's success was supported by the refreshment and technical teams, as well as other hospital staff. It concluded with the Dean presenting saplings and mementos to the guest speakers as tokens of appreciation for their contributions.

**Hands-On Sessions:** Attendees engaged in hands-on training with ventilators and discussed various real-case scenarios.

### **DEPARTMENT OF RADIODIAGNOSIS**

#### **Workshop on Point of Care Echocardiography:**

A workshop on Point of Care Echocardiography was held at Integral Institute of Medical Research and Sciences, Integral University, Lucknow on 11<sup>th</sup> Sept 2024. Under the able guidance of Prof. (Dr.) Ganesh Kumar, Head of the Department of Radiodiagnosis, a workshop on Point of Care Echocardiography, was successfully organized by the Department of Radiodiagnosis at Integral Institute of Medical Research and Sciences, Integral University, Lucknow. The event featured guest speaker Capt. Surg. Dr. Rajesh Pandey delivered an insightful session on the applications of echocardiography in critical care settings. His presentation highlighted the theoretical aspects and the practical applications of echocardiography in emergencies, emphasizing its importance in improving patient outcomes.

The workshop attracted a diverse group of participants, including the Dean of IIMS&R, the Chief Medical Superintendent, and heads of the Departments of Radiodiagnosis, Medicine, and Anaesthesia. Additionally, junior and senior residents from these departments were actively involved, fostering a





collaborative learning environment. Participants engaged in discussions about advanced echocardiographic techniques, their relevance in clinical practice, and real-world case scenarios, making the workshop a valuable experience for all attendees.

Guest Speaker surg captain Dr Rajesh Pandey with Prof (Dr) Ganesh Kumar (HOD Radiodiagnosis) with organizing chairman Prof (Dr) Yayati Pimpalwar

Students having hands-on experience with patients at the workshop

## DEPARTMENT OF PHARMACOLOGY

### Pharmaco vigilance week:

It was celebrated by the Department of Pharmacology, IIMS&R from 17<sup>th</sup>-23<sup>rd</sup> September, 2024, under the aegis of Pharmacovigilance Program of India, IPC, MoHFW, Govt of India for creating awareness regarding the Pharmacovigilance program regarding safe use of medicines. The program was aimed to increase the reporting culture of ADR among healthcare professionals for Patient Safety. The department organized an array of activities to promote awareness about pharmacovigilance and patient safety. The events included a Sensitization Program for Health professionals and students, an e-poster competition (at MBBS level and whole university level), a rangoli competition, a quiz competition, awareness walk.

Sensitization Program for Health:

Dr. Rakesh Kumar Dixit, Professor, KGMU, Lucknow was the guest of honor for the Sensitization Program. He highlighted the importance of Pharmacovigilance and ADR reporting. He also warned of the challenges faced during the reporting of ADRs and measures to overcome those challenges.

### E-Poster Competition:

The e-Poster Competition was also organized at two levels, one for MBBS students and the other at university level. The topic for the e-poster was "You Share, We Care: Know How to Report Adverse Drug Reaction, which was very helpful in creating awareness related to the Pharmacovigilance Programme.

### Rangoli Competition:

The Rangoli Competition was organized by the Department of Pharmacology on **Building ADR Reporting Culture for Patient Safety** to raise awareness of Pharmacovigilance and ADR reporting among nursing and pharmacy students. The event saw enthusiastic participation from the students.

### Awareness Walk:

This awareness walk was aimed to educate patients regarding Pharmacovigilance and the importance of reporting ADRs. It was also done to make patients understand how reporting ADR can contribute to improving patient safety.



CME Workshop

## Honored with Prestigious Jagran Health Care & Wellness Award 2024



Singapore, November 2024 - The Integral Institute of Medical Sciences & Research (IIMSR), Integral University has been awarded the Jagran Health Care & Wellness Award 2024, a prestigious recognition for exemplary contributions to healthcare excellence and patient care. This annual award, celebrated globally and hosted by Dainik Jagran, highlights innovation and dedication within the medical community.

Held in Singapore, the award ceremony brought together esteemed healthcare professionals and organizations, all united in their mission to enhance patient outcomes and advance medical practices. IIMSR's selection from a competitive pool of nominees reflects its outstanding commitment to quality care and its significant impact on the medical field.

Mr. Syed M. Fauzan Akhtar, the Executive Director of Healthcare at Integral University, whose dedication to world-class healthcare standards has propelled IIMSR to this honor. Under his leadership, the institute has maintained rigorous standards in its facilities, systems, and staff training to deliver exceptional patient care, marking a milestone in healthcare innovation and safety.

The Jagran Health Care & Wellness Award 2024 not only celebrates IIMSR's past accomplishments but also reinforces its ongoing commitment to pioneering healthcare improvements. This honor signifies a continued dedication to setting new benchmarks in medical excellence, benefiting the healthcare community and the patients it serves.



# Integral International School



## Our Motto

### Educating for Excellence, Empowering for Life

At Integral International School, we strive to provide not just academic knowledge but also the skills and values that empower our students for a successful and meaningful life.

### Vision, Mission and Aim:

Our vision is to create a learning environment where every student is nurtured to become a confident, responsible, and ethical global citizen. We aim to foster curiosity, critical thinking, and a love for learning that will carry them throughout their lives.

- Provide a well-rounded, value-based education that emphasizes academic excellence, creativity, and physical well-being.
- Cultivate a safe, inclusive, and supportive environment where students feel encouraged to reach their full potential.
- Engage in continuous innovation in teaching methodologies to prepare students for the challenges of the modern world.
- Foster leadership, character, and social responsibility through meaningful community engagement and extracurricular activities.
- Academic Excellence: Through a rigorous and stimulating curriculum.
- Character Development: By instilling core values such as integrity, empathy, and perseverance.

- Global Awareness: Encouraging a global mindset through cultural exchange programs and international partnerships.
- Creativity and Innovation: Providing opportunities for students to explore their creative and intellectual passions.

### Students' performance:

We proudly celebrate the outstanding performance of our students in academics, sports, and cultural activities. Our recent Science Fair and Sports Meet saw incredible innovation, teamwork, and sportsmanship.

### New Infrastructure:

We are pleased to announce the opening of our new STEM Lab and Creative Arts Studio, which will provide students with state-of-the-art facilities to further their academic and artistic pursuits.

### Teacher Development Workshops:

Our educators recently attended professional development workshops aimed at integrating cutting-edge teaching methodologies, ensuring that students receive the best possible learning experience.

### Student Well-being and Safety:

Health and safety remain our top priority. Regular sanitization, well-being workshops, and mental health support services are in place to ensure a safe and healthy environment for all.









# Integral Startups Foundation (ISF) Centre For Incubation & Entrepreneurship Development (CIED) Integral University, Lucknow

## EXECUTIVE SUMMARY

Integral Startups Foundation (ISF), Centre for Incubation & Entrepreneurship Development (CIED), is the dynamic Incubator of Integral University. It is recognized as an Incubation Centre by StartInUP, Department of IT & Electronics, Govt. of U.P. through its nodal agency Uttar Pradesh Electronics Corporation Limited (UPLC). The center is dedicated to nurturing innovation and entrepreneurial ecosystem. Committed to catalysing positive change, the foundation provides vital support and resources to budding entrepreneurs, startups, and innovators. With a focus on fostering creativity, collaboration, and sustainable growth, ISF-CIED strives to empower individuals to transform their ideas into sustainable & impactful ventures. Through mentorship, networking opportunities, strategic partnerships, access to various funding resources, state-of-the-art facilities, well equipped office space, research support, diverse thrust areas/domains, the foundation aims to cultivate a vibrant community of changemakers, driving innovation and economic development with a focus on women inclusivity. It is dedicated to advancing disruptive technologies in the fields of Industry 4.0, Life Sciences, Robotics, Agri-Tech, Med-Tech, Fin-Tech and Smart & Clean Mobility. ISF-CIED operates with a mission to fortify the entrepreneurial ecosystem in Uttar Pradesh, aligning with the vision of the Government of India to propel towards Nation-building.

A beacon of dedication and commitment towards nurturing the startup ecosystem and fostering the spirit of entrepreneurship nationwide, the foundation has become a catalyst for innovation, empowering aspiring entrepreneurs to turn their ideas into reality. By promoting a culture of entrepreneurship, the foundation not only fuels economic growth but also cultivates a mindset of resilience, creativity, and problem-solving essential for addressing the challenges of the future. With its steadfast dedication, the Integral Startups Foundation continues to shape the entrepreneurial landscape, inspiring generations to come.

## VISION:

To establish a world-class entrepreneurial ecosystem with enhanced women participation, driving innovation, inclusivity and economic growth of India.

## MISSION:

To empower entrepreneurs and innovators with focus on promoting the inclusion of women, and to transform innovative ideas into sustainable and scalable businesses, in harmony with the United Nations Sustainable Development Goals, while fostering economic diversification, job creation, societal advancement and nation-building.

## LIST OF SIGNIFICANT ACHIEVEMENTS OF ISF-CIED:

- " ISF-CIED is currently incubating 23 startups, each making significant strides in diverse domains ranging from Agri-tech and Ed-tech to Textile, Courier Services, Software Solutions, and beyond.
- " ISF-CIED has successfully pre-incubated a total of 23 startups, with an incredible 16 of them being launched by students ranging from grades 2 to 9.
- " Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, shines at UP International Trade Show 2024, held between September 25-29, 2024, at the India Expo Mart, Greater Noida's Knowledge Park, Noida.
- " Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University successfully hosted the prestigious IDE Bootcamp, Edition 2-Phase 1, under the Ministry of Education's Innovation Cell (MIC), Government of India, at Integral University, Lucknow, from September 23 to 27, 2024.
- " Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, co-hosted the event "Warriorz at Home" featuring renowned celebrities and women cricketers, on August 29, 2024. This initiative sought to empower participants while highlighting

the crucial significance of women's empowerment and entrepreneurship in contemporary society.

- " As per the guidelines of the Innovation Cell, Ministry of Education, Government of India, Integral University has established Institution's Innovation Council in the campus under the unique identifier IC202323904. This initiative aims to cultivate an environment where creativity flourishes and innovative ideas are nurtured to address societal challenges and contribute to national development.
- " ISF-CIED actively participated in the Global Bio India 2024 Roadshow at Technology Development Innovation Centre, BIRAC, BioNEST, organized by CSIR-IITR, Lucknow on August 23, 2024. Our incubated startups, Smart Savaari, Nutty Village, ITM Core & Bhayya Ji Online showcased their cutting-edge technologies, products, and services in different domains & witnessed the diversity and innovation present in the startup ecosystem.
- " ISF-CIED is an institutional member of TiE (The Indus Entrepreneurs), Lucknow Chapter. & is fostering the entrepreneurial ecosystem of Uttar Pradesh by organizing Global Pitch Competition Lucknow chapter Finale (April 22, 2024), under 8.10 (iii), which is brand promotion & recognition of talent hackathons under UP startup Policy 2020 (First Amendment-2022).
- " ISF-CIED organized Junior Ideathon under the initiative of School to Startup: Igniting young minds to innovate, held on February 14, 2024, for brand promotion & recognition of talent under 8.10 of UP startup Policy 2020 (First Amendment-2022).
- " CIED has partnered with TDIC-BIRAC BioNEST incubator for collaboration in various areas including technology transfer, joint research projects, mentorship programs, and the exchange of knowledge and resources.
- " CIED, in association with Biotech Park, UP Council for Science & Technology, Government of Uttar Pradesh, organized the Nutrition for Health Summit (October 15-16, 2023) in association with International Society for Medical, Food & Nutrition, KGMU, Lucknow.

## LIST OF SIGNIFICANT ACHIEVEMENTS OF THE INCUBATED STARTUPS:

The achievements of startups are reflection of the supportive ecosystem cultivated within incubation center. By providing mentorship, access to resources, and fostering a culture of innovation, it is aimed to empower entrepreneurs to realize their

full potential and make a lasting impact in their respective industries.

### 1) KOSH-TREASURE OF KHADI

#### Founder - Ms. Richa Saxena

- " Exporter of Khadi to many European Countries (London, Germany, Netherlands), Japan, and Australia.
- " Awarded for social change maker by Harvard Business School in Feb-2024.
- " Member of delegation from India to Netherlands, Amsterdam Institute of Design, April-2024.
- " Brand: Kosh, is highly successful and generates revenue in the range of crores.
- " Kosh had participated in Bharat Tex-2024, which took place from February 26 to 29, 2024, at Bharat Mandapam, Pragati Maidan, New Delhi, represented the state of Uttar Pradesh.
- " Marisa Gerards, the Netherlands Ambassador to India, paid a visit to Kosh's Barabanki unit and expressed appreciation for its work, dated April 29, 2024.
- " Green Product Award -2023 By Future Fabrics, London.
- " 3rd of Top 8 Women in Sustainable Textile from India by Bill Gates Foundation 2023.
- " Selected as top 75 women entrepreneurs and awarded by Hon'ble President of India in UP Startup Summit 2022.
- " Awarded by Green Initiative Conference for Sustainable Fabric of the year in Netherland- 2022.
- " Recognized as Sustainable Textile Advocate for Fashion Industry, Australia.
- " Chapter President, Impact Funding (UP), WICCI.
- " Youth Face of Khadi Award from KVIC (Khadi & Village Industries Commission).
- " Recognized as Khadi Exporter of The Year 2021.

### 2) FRESHLY 19 AGRI-TECH PRIVATE LIMITED (NUTTY VILLAGE)

#### Founder- Mr. Aman Kumar

- " Recipient of DST NIDHI fellowship of INR 3.6 Lakhs (2024)
- " Recipient of 'Excellence Award' by The Lucknow Tribune at National Book Fair, Lucknow-2023, for being among the best Agri/Health based startup in U.P.
- " Recipient of the Youth Co: Lab award India 2022-23 and won the grant of Rs. 2.5 lakhs.
- " Shortlisted for grant of Rs. 30 lakhs under Dr. Ambedkar Social Innovation Incubation Mission from the Ministry of



Social Justice & Empowerment.

- " Shortlisted for Techtonic Innovations in Agritech at Social Alpha supported by Bill and Melinda Gates foundation.
- " Part of Villgro Impact Program & supported by ALSiSAR Impact, Mumbai.
- " Selected among the top 22 startups in LIC HFL-IRMA Social trailblazer Program: cohort 2.
- " Participated in the prestigious G20 Summit held at Gurgaon.
- " In a significant boost to Nutty Village's vision, StartInUP has provided the first tranche of seed funding amounting to 2 lakh rupees, followed by an additional infusion of 1.5 lakh rupees in the second tranche.

### 3) HUMANY ECO INNOVATIONS PRIVATE LIMITED (SOIL CONCEPT & AHINSA CARE)

**Founder- Mr. Faiz Siddiqui & Mrs. Tuba Siddiqui**

- " Selected as Shark Tank season 2 finalists.
- " Recognized as top 75 women entrepreneurs to be selected for G20 Lucknow summit and acknowledged by Hon'ble President of India, Smt. Draupadi Murmu.
- " Alumnus of Goldman Sachs.
- " Recipient of 1000 women Asia awards by Womennovator.
- " Recipient of Harper's conscious Beauty Awards.

### 4) VARDHANAM COOPETITION PRIVATE LIMITED

**Founder- Mr. Harsh Vardhan**

- " Secured Prototype grant of Rs. 3 lakhs from StartInUP, Government of Uttar Pradesh.
- " Shortlisted by IIT-BHU under RKVY Schemes and securing grant under ANKURAN (Pre- seed) & PRASFUTAN (Seed) program.

### 5) FARMEXA AGRI SERVICES PRIVATE LIMITED

**Founder- Mr. Suraj Verma**

- " Empowering Agriculture for a Sustainable Future, Farmexa Agri Services received Rashtriya Krishi Vikas Yojana (RKVY) - Remunerative Approaches for Agriculture and Allied sector Rejuvenation (RAFTAAR), a flagship scheme of Ministry of Agriculture and Farmers' Welfare (MoA & FW), Government of India, grant of Rs. 18 Lakh to foster innovation and growth.

### 6) TENSIFT FARMERS FERTILIZERS PRIVATE LIMITED

**Founder- Mr. Sachidanand Dash**

- " Best Entrepreneur Award from Department of Fisheries, Govt. of India, on National Fish Farmers Day on July 10, 2023.

### 7) ITMCORE PRIVATE LIMITED

**Founder- Mr. Prem Yadav**

- " ITM Core Private Limited, has been awarded a sustenance grant of INR 2.10 lakh from StartInUP, Government of Uttar Pradesh.

### RECOGNITION & GRANTS RECEIVED BY OUR INCUBATED STARTUPS

Our incubated startup, Kosh-Treasure of Khadi, specializes in producing organic Khadi and has achieved remarkable financial success, generating revenue in the range of crores. Kosh proudly exports high-quality Khadi to several European countries, including the United Kingdom, Germany, and the Netherlands, and have recently expanded its market to Japan. Nutty Village, producing organic healthy food products, received a cumulative grant of approximately Rs.25.5 lakhs from various government and private funding agencies, recognizing its innovative approach in the agribusiness sector. Farmexa, another promising agritech venture, was awarded RKVY- RAFTAAR grant of Rs.18 lakhs, furthering its mission to revolutionize farming with cutting-edge technology. Additionally, Vardhanam Coopetition, received a prototype grant of Rs.3 lakhs from StartInUP, supporting its efforts to create sustainable and cooperative business models. Furthermore, the incubated startup, ITM Core Private Limited, has been awarded a sustenance grant of INR 2.10 lakh from StartInUP, Government of Uttar Pradesh.

### Our Incubated Startups Garner Prestigious Recognition

#### KOSH- TREASURE OF KHADI

**Founder- Ms. Richa Saxena**



Ms. Richa Saxena, Founder of our incubated startup, Kosh, a globally recognized sustainable brand that exports khadi to European countries, Japan, Australia and beyond, for a meeting with the Honorable Chief Minister of Uttar Pradesh, Shri Yogi Adityanath, and Her Excellency Ms. Marisa Gerards, Ambassador of the Netherlands to India, briefing about Kosh and its achievements( April-24)

## HUMANY ECO INNOVATIONS PRIVATE LIMITED

Founder- Mr. Faiz Siddiqui & Ms. Tuba Siddiqui



Ms. Tuba Siddiqui, founder of Humany Eco Innovations Private Limited, an incubated startup under ISF-CIED, presenting her pitch deck at the TIE Women Global Pitch Competition - 2024, held on 11<sup>th</sup> August, 2024, at Grand JBR, Lucknow.

## FRESHILY 19 AGRI-TECH PRIVATE LIMITED

Founder- Aman Kumar & Sushant Barma



**Mr. Aman Kumar,**  
Founder of Nutty Village, about its organic product to renowned celebrity Dia Mirza at IPreneur'24, organized by TISS, Mumbai.



**Mr. Sushant Barma,**  
Co-Founder of Nutty Village, briefing Village, attending the prestigious 29For29 event at Canada House, organized by the Mash Project Foundation, Canada, 2024.



**Mr. Faiz Siddiqui,**  
Founder of our incubated startup Humany Eco Innovations Private Limited, demonstrated his expertise at Startup Mahakumbh, held from March 18-20, 2024, in New Delhi.



**Mr. Tanweer Alam,**  
Founder of our incubated startup Siddinfotech Private Limited, displayed his expertise at Startup Mahakumbh, held from March 18-20, 2024, in New Delhi.



**Mr. Aman Kumar,**  
Founder of our incubated startup Nutty Village, showcased his flair at Startup Mahakumbh, which took place from March 18-20, 2024, in New Delhi.

## PARTNERSHIPS AND COLLABORATIONS

- Collaboration and MoU between Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University and Technology Development and Innovation Centre (TDIC), BioNEST, CSIR-IITR, Lucknow.
- Collaboration and MoU between Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University and TiE, Lucknow chapter.



- Certificate of Establishment of Institution's Innovation Council, Innovation Cell, Ministry of Education, Government of India.
- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development Integral University, Collaborates with Wadhvani Foundation for Entrepreneurship and Skill Development.
- Collaboration and MoU between Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University and NimbleQ Eduventures Private Limited.
- Collaboration and MoU between Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University and Jazaa Business Services, Noida, U.P.
- Collaboration and MoU between Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University and FICCI FLO, Lucknow.

#### **LIST OF THE PROGRAMS/INITIATIVES BY ISF-CIED:**

To strengthen the ecosystem of Innovation and Entrepreneurship in the university, ISF-CIED has successfully conducted programs as:

- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, participated in UP International Trade Show 2024, held between September 25-29, 2024, at the India Expo Mart, Greater Noida's Knowledge Park, Noida.
- Integral Startups Foundation and the Centre for Incubation & Entrepreneurship Development at Integral University successfully hosted the prestigious IDE Bootcamp, Edition 2-Phase 1, under the Ministry of Education's Innovation Cell (MIC), Government of India at Integral University, Lucknow, from September 23 to 27, 2024.
- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, co-organized Google I/O Extended in association with Google Developer Groups, TensorFlow & StartInUP, held on August 31, 2024.
- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, co-organized 'Warriorz at Home' on August 29, 2024.
- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, co-organized Global Bio-India 2024 Roadshow in association

with TDIC, BioNest, CSIR-IITR, Lucknow, on August 23, 2024 at CSIR, Lucknow.

- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, in association with Human Resource Development Center, Integral University, organised an enlightening session on "Start-up to Start: Entrepreneurship" by Dr. Shalini Khandelwal, Certified Happiness Coach, ICFAI Business School, Gurgaon, on August 13, 2024, at Integral University, Lucknow.
- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, in association with Human Resource Development Center, Integral University, organised an enlightening session on "Elevator Pitch Deck" by Ms. Shilpa Gaurav Gupta, FICCI FLO, on August 13, 2024 at Integral University, Lucknow.
- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, partnered with TiE Lucknow for TiE Women Global Pitch Competition - 2024, held on August 11, 2024 at JBR Grand, Lucknow.
- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, organised an enlightening session on "Empowering Early-Stage Entrepreneurs: Embracing Growth Through Learning from Hiccups and Failures and Overcoming Export Challenges" in association with Institution's Innovation Council and StartInUP, on May 06, 2024 at Integral University, Lucknow.
- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, in association with TiE Lucknow Chapter organized TiE University Global Pitch Competition (Chapter Finale) on April 22, 2024.
- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, and TiE, Lucknow Chapter, organized an online learning session titled "Crafting Compelling Documents for Early-Stage Startups: Creating BMC (Business Model Canvas) and BPS (Business Process Summary)" on April 14, 2024.
- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, and TiE (The Indus Entrepreneurs) Lucknow Chapter organized an insightful online learning session titled "Creating a Pitch Deck for Early-Stage Startups" on April 07, 2024.

- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, in collaboration with TiE (The Indus Entrepreneurs), organized an online learning session on "Decoding Startup Funding- Qualifying for Debts, Loans, and Equity" on March 21, 2024.
- Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, in association with TiE, Lucknow Chapter organised a full day Masterclass on "Organizing Sales to Grow & Go-to-Market Strategy" by Mr. Kiran Deshpande, Ex-CEO, Tech Mahindra on March 12, 2024 at Integral University, Lucknow.
- School to Startup-Igniting Young Minds to Innovate, organized by Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, in association with NimbleQ and StartInUP on February 14, 2024.
- "Innovation Nexus: Startups Synergies" organized by the Integral Startups Foundation, Centre for Incubation and Entrepreneurship Development (CIED) at Integral University, Lucknow, on December 02, 2023.
- CIED Takes Centre Stage: Pioneering Innovations and Collaborations at the Global Bio India 2023 Roadshow on November 24, 2023 at CSIR-IITR, Lucknow.
- CIED, in association with Biotech Park, UP Council for Science & Technology, Government of Uttar Pradesh, organized the Nutrition for Health Summit (October 15-16, 2023) in association with International Society for Medical, Food & Nutrition, KGMU, Lucknow.
- An Expert Talk, organized by CIED, on "Exploring Synergies: Entrepreneurship & Economic Relations between India & European Countries" on October 03, 2023.

### **ISF, Centre for Incubation & Entrepreneurship Development, Integral University, shines at UP International Trade Show 2024.**

At the UP International Trade Show (UPITS) 2024, held from September 25 to 29 at the prestigious India Expo Mart in Greater Noida's Knowledge Park, Integral Startups Foundation (ISF), Centre for Incubation & Entrepreneurship Development (CIED), Integral University, showcased an impressive display of innovation, entrepreneurial spirit, and sustainability. Under the expert leadership of Dr. Nida Fatima, Director of ISF-CIED, a group of four dynamic startups -Humany Eco Innovations (Ahinsa Care & Soil Concept), Nutty Village, ITM Core, and SRH Wellness-captivated the audience with their unique and future-forward solutions.

The trade show provided a global platform for these startups to highlight their pioneering work, ranging from eco-friendly FMCG products and sustainable agriculture to cutting-edge wellness technologies and IT innovations. Each of these ventures embodies the philosophy of integrating technological advancements with sustainability, showcasing how modern entrepreneurship can address today's most pressing challenges. Humany Eco Innovations, for instance, displayed their natural, chemical-free products designed to promote healthy living, while Nutty Village presented innovative solutions in the food sector. ITM Core and SRH Wellness demonstrated their expertise in tech-based solutions, further emphasizing the diverse range of industries ISF and CIED are supporting.

Their participation in UPITS 2024 not only amplified the visibility of university-incubated startups but also reinforced the growing importance of such ventures in the global economic landscape. The event underscored the vital role ISF and CIED play in fostering a culture of innovation, with their startups positioned to drive change and create lasting impact across industries. Through their commitment to sustainable growth and technological innovation, these startups are solidifying their place as frontrunners in the rapidly evolving entrepreneurial ecosystem.



**Mr. Faiz Siddiqui**, Founder of our incubated startup, Humany Eco Innovations Private Limited, presents his products at UPITS 2024.



**Mr. Aman Kumar**, Founder of our incubated startup Nutty Village, displays his products at UPITS 2024.





**Mr. Prem Yadav**, Founder of our incubated startup ITM Core Private Limited, presents his products at UPITS 2024.



**Mr. Brajesh**, Founder of our incubated startup SRH Wellness Private Limited, showcases his services at UPITS 2024.

## IDE Bootcamp, Edition 2-Phase 1, at Integral University, Lucknow :

The Five-Day Innovation, Design, and Entrepreneurship (IDE) Bootcamp, under the Ministry of Education's Innovation Cell (MIC), Government of India, hosted by Integral Startups Foundation at Integral University, Lucknow, from September 23 to 27, 2024, was a transformative event aimed at nurturing innovation and entrepreneurship. Inaugurated by Prof. Sitharam T.G, Hon'ble Chairman of AICTE, alongside Dr. Abhay Jere, Chief

Innovation Officer, Ministry of HRD, Government of India and Mr. Meetul Patel from the Wadhvani Foundation, the bootcamp emphasized the importance of fostering a robust ecosystem for startups. Following the inauguration, Dr. Nida Fatima, Director, Integral Startups Foundation (ISF), Centre for Incubation & Entrepreneurship Development (CIED), delivered a welcome address, highlighting the foundation's commitment to supporting aspiring entrepreneurs. Esteemed guests, Prof. Alok Dhawan, Director, Centre of BioMedical Research (CBMR), Government of U.P., discussed government support and the essentials of the startup ecosystem, while Dr. D.K. Srivastav, Director, Council of Science & Technology, Government of U.P., praised the integral role of the foundation in nurturing startups. Our special guests, Mr. Madan Mohan Sharan Singh, Innovation Manager at AICTE, Ministry of Education, Government of India, and Mr. Gopal Sharma, Nodal Centre Head at MIC, Government of India, shared their valuable insights, uplifting the spirits of the participants. The event featured insightful learning sessions by Wadhvani Foundation experts, Dr. Ahmad Faraz Khan and Dr. Irfana Rashid focusing on design thinking and problem identification and alike, and a dynamic panel discussion moderated by Dr. Madhukar Varshney, Founder NimbleQ, which explored strategies and challenges in entrepreneurship. Participants enjoyed a guided tour of Integral University's facilities, showcasing innovative labs and

incubated startups. The final day culminated in a pitching session, where Team Idea Creators emerged victorious, followed by Team CreamyMaza and Team VayuMed. The event concluded with a valedictory session, where distinguished guests, including Prof. N.B. Singh, Vice Chancellor, KMC Language University, Lucknow and Mr. Ravi Kishore, DGM, SIDBI, awarded certificates and mementos to participants, mentors, and panelists. Overall, the IDE Bootcamp was a remarkable success, equipping participants with the skills and insights necessary to thrive in the entrepreneurial landscape.



**Moments of collaboration and inspiration:** Dignitaries, officials, organisers and participants unite on the first day of the IDE Bootcamp, Edition 2- Phase 1, under the Ministry of Education's Innovation Cell (MIC), Government of India, at Integral University Lucknow





Expert speakers sharing their insights during the panel discussion titled "Navigating the Entrepreneurial Landscape: Strategies and Challenges in Building a Successful Startup" on Day 2 of the IDE Bootcamp, Edition 2-Phase 1, under the Ministry of Education's Innovation Cell (MIC), Government of India, at Integral University, Lucknow.



Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, proudly showcased its innovative strides at the prestigious BIRAC Global Bio-India 2024, held from September 12-14, 2024 at Bharat Mandapam, New Delhi, representing the university's commitment to advancing Biotechnology and Entrepreneurship.

### Google I/O Extended Event :

The Google I/O Extended event, co-organized by the Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development (CIED) at Integral University, in association with Google Developer Groups, TensorFlow, and StartInUP, was a remarkable gathering of technology enthusiasts, developers, and students. The event started with a welcome address by Dr. Nida Fatima, Director of ISF-CIED, who provided an insightful briefing on the achievements of the incubation center, setting a tone of innovation and excellence.

The event featured a series of informative sessions led by industry experts, including Mr. Mritunjay Sharma, Software Engineer at Chainguard, who shared his expertise on secure software development practices; Mr. Aryendra Prakash Singh, Designer L2 at Publicis Sapient and Co-Organizer of GDG Noida, who discussed the latest trends in design thinking; Mr. Akash Verma, Senior Android Developer at Roundpay, who provided



Participants showcased their innovative ideas during the Pitch Presentation Mastery session and received invaluable evaluations and feedback on Day 5 of the IDE Bootcamp, Edition 2-Phase 1, under the Ministry of Education's Innovation Cell (MIC), Government of India, at Integral University, Lucknow

Winners of the Pitch Presentation Mastery session and Social Media Contest with the Chief Guest and other dignitaries during the valedictory session on Day 5 of the IDE Bootcamp, Edition 2-Phase 1, under the Ministry of Education's Innovation Cell (MIC), Government of India, at Integral University, Lucknow





Dignitaries, organizers, and participants gathered during the Google I/O Extended event co-organized by ISF-CIED, held on August 31, 2024, at Integral University, celebrating a day of technological innovation and knowledge sharing.



insights into advanced Android development; Ms. Vanshita Singh, UX Designer at Cervello, who emphasized the importance of user-centered design in technology products; and Mr. Abhishek Sahu, Senior Software Engineer at BFC and Co-Organizer of GDG Lucknow, who explored the evolving landscape of software engineering.

The event was rich in erudition and wisdom, offering attendees a wealth of knowledge and practical insights into the latest technological trends, further solidifying Integral University's role as a leader in fostering technological innovation and entrepreneurship.

### Warriorz at Home:

The event "Warriorz at Home," co-organized by Integral Startups Foundation, Integral University, Lucknow, was a monumental success, celebrated not only for its star-studded guest list but also for its powerful message of women empowerment. Renowned actor Mr. Ali Fazal, best known for his role in the hit series "Mirzapur," was joined by the talented actress Shweta Tripathi Sharma and prominent women cricketers Saima Thakor and Anjali Sarvani. Together, they delivered a compelling narrative of resilience, determination, and the importance of breaking barriers, particularly for women.

Shweta Tripathi Sharma and the women cricketers, Saima Thakor and Anjali Sarvani, shared their personal journeys in industries traditionally dominated by men, highlighting the challenges they faced and the perseverance required to overcome them. Their stories resonated deeply with the audience, especially the female students, who found role models in these accomplished women. The discussion centered around the importance of self-belief, the courage to challenge societal norms, and the significance of pursuing one's passion, regardless of gender.

The presence of these inspiring women underscored the event's focus on empowering women to take charge of their futures, encouraging them to dream big and strive for excellence in any field they choose. The event successfully promoted a message of gender equality, inspiring young women to break free from stereotypes and pursue their aspirations with confidence. Through their interactions, these trailblazing women left an indelible mark, empowering the next generation to rise as leaders and change-makers. "Warriorz at Home" not only celebrated the achievements of its guests but also served as a powerful platform for advocating women empowerment, making it a truly transformative experience for all attendees.



Mr. Ali Fazal, Ms. Shweta Tripathi, Ms. Anjali Sarvani, Ms. Saima Thakor, and RJ Khushboo share a moment during the "Warriorz at Home" event, co-organized by ISF-CIED, held on August 31, 2024, inspiring the audience with their stories of perseverance and success.



Dr. Nida Fatima, Director of ISF-CIED, acknowledges Mr. Ali Fazal during the "Warriorz at Home" event, co-organized by ISF-CIED, held on August 31, 2024.



## Global Bio India 2024 Roadshow :

Integral Startups Foundation (ISF), Centre for Incubation & Entrepreneurship Development (CIED), Integral University co-organized a significant event, the Global Bio India 2024 Roadshow at the Council of Scientific & Industrial Research (CSIR) campus in Lucknow. This event was held in association with Technology Development and Innovation Centre (TDIC), BioNest, CSIR-Indian Institute of Toxicology Research (IITR), Lucknow, marking a collaborative effort to promote and advance the biotechnology sector in India. The roadshow brought together a diverse group of stakeholders, including scientists, researchers, industry leaders, entrepreneurs, and students, all of whom are key players in the biotechnology ecosystem.

The event began with an inaugural session, where esteemed dignitaries from ISF-CIED, BioNest, and CSIR-IITR welcomed the participants. Dr. Nida Fatima, Director of ISF-CIED, delivered an opening address, emphasizing the importance of biotechnology in addressing global challenges such as health, agriculture, and environmental sustainability. She highlighted the role of Integral University in promoting research and innovation through initiatives like ISF-CIED and its commitment to supporting the biotech sector. Following the inaugural session, the roadshow featured a series of presentations and panel discussions led by experts from various fields within biotechnology. These sessions provided valuable insights into the latest trends, opportunities, and challenges in the industry. Topics covered included advancements in biopharmaceuticals, innovations in agricultural biotechnology, and the role of biotech startups in driving economic growth.

The Global Bio India 2024 Roadshow at CSIR, Lucknow, was a resounding success, providing a valuable platform for knowledge exchange, networking, and collaboration. The event not only highlighted the potential of the biotechnology sector in India but also reinforced the commitment of Integral University,

CSIR-IITR, and BioNest to fostering innovation and entrepreneurship in this critical field. As the roadshow concluded, participants left with a renewed sense of purpose and a deeper understanding of the opportunities and challenges in the biotechnology industry, setting the stage for a successful Global Bio India 2024 event.



The incubated startups showcasing their flair at the Global Bio-India 2024 Roadshow, co-organized by ISF-CIED and TDIC, BioNest, CSIR-IITR, Lucknow, at CSIR, Lucknow, on August 23, 2024.

## Start-up to Start: Entrepreneurship

An enlightening session titled “Start-up to Start: Entrepreneurship” was organized by the Integral Startups Foundation (ISF), Centre for Incubation and Entrepreneurship Development (CIED), Integral University in association with the Human Resource Development Center of the university. The event commenced with a warm welcome by Dr. Nida Fatima, Director of ISF-CIED, who started the session by emphasizing the importance of entrepreneurship in today's rapidly evolving economic environment. Dr. Fatima highlighted the role of the ISF-CIED in nurturing entrepreneurial talent and fostering innovation within the university community. Dr. Shalini Khandelwal, Certified Happiness Coach, from Happiitude & Berkeley Institute of well-being, California, USA, IBS, Gurgaon, then took the stage, where she captivated the audience with her dynamic presentation. Dr. Khandelwal brought a unique perspective to the discussion, integrating the principles of well-being with the practicalities of entrepreneurship. She began by addressing the common challenges faced by aspiring



Dr. Nida Fatima, Director ISF-CIED, receiving a token of gratitude alongside other dignitaries, including Dr. Parthasarathi, Scientist Incharge, BioNest, CSIR-IITR, Lucknow, Dr. Sonali Tandon, Chief Manager, Investment, BIRAC, Dr. Rinni, Incubation Manager, TDIC, CSIR-IITR, Lucknow, Prof. B N Mishra, Dean, Innovation & Social Entrepreneurship, AKTU, Mr. Mahip Singh, Head, Innovation Hub, AKTU, and Ms. Vandana Sharma, Incubation Manager, AKTU, during the Global Bio India 2024 Roadshow at CSIR, Lucknow.



Dr. Shalini Khandelwal, representing IBS Gurgaon, delivers an engaging session on “Start-up to Start: Entrepreneurship” at Integral University, Lucknow, on August 13, 2024.



entrepreneurs, such as fear of failure, self-doubt, and the pressure to innovate. Drawing from her experience and expertise, Dr. Khandelwal shared pragmatic approaches to overcoming these obstacles, including the importance of maintaining a positive mindset, setting realistic goals, and cultivating resilience.

### "Elevator Pitch Deck" :

Integral Startups Foundation (ISF), Centre for Incubation & Entrepreneurship Development (CIED), Integral University, in collaboration with the Human Resource Development Center, organized an enlightening session titled "Elevator Pitch Deck" on August 13, 2024, at Integral University, Lucknow. The session was led by Ms. Shilpa Gaurav Gupta, a distinguished Soft Skill Trainer and Confidence & Lifestyle Coach associated with FICCI FLO. This event was designed to equip students and aspiring entrepreneurs with the critical skills needed to craft and deliver compelling elevator pitches, a vital tool in the entrepreneurial world.



Ms. Shilpa Gaurav Gupta, Soft Skill Trainer and Confidence & Lifestyle Coach, FICCI FLO, during the enlightening session on "Elevator Pitch Deck" on August 13, 2024, at Integral University, Lucknow.



Dr. Nida Fatima, Director ISF-CIED, Ms. Shilpa Gaurav Gupta, representing FICCI FLO, Mrs. Simran Sahni, Co-founder of Keeros Superfoods, Dr. Noor Alam, Incubation Manager, ISF-CIED, along with other dignitaries, during the enlightening session on "Elevator Pitch Deck" on August 13, 2024.

### The TiE Women Global Pitch Competition, Lucknow Chapter-2024 :



Mrs. Tuba Siddiqui, the founder of Humany Eco Innovations Private Limited (Soil Concept & Ahinsa Care), an incubated startup under ISF-CIED, presenting her pitch deck at the TiE Women Global Pitch Competition - 2024, at Grand JBR, Lucknow.



Dr. Nida Fatima, Director ISF-CIED, Mr. Pranav Agarwal, President TiE, Dr. Noor Alam, Incubation Manager ISF-CIED, along with other participants during the TiE Women Global Pitch Competition - 2024, held on August 11, 2024.

### Empowering Early-stage Entrepreneurs:

Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, organized an enlightening session on "Empowering Early-Stage Entrepreneurs: Embracing Growth Through Learning from Hiccups and Failures and Overcoming Export Challenges" in association with Institution's Innovation Council and StartInUP at Integral University on May 6, 2024. It was a remarkable gathering aimed at fostering entrepreneurship and innovation. Dr. Nida Fatima, Director, Integral Startups Foundation, warmly welcomed the audience, setting the stage for an engaging and insightful session. Prof. Mohammed Haris Siddiqui, the Registrar of Integral University provided the audience with a brief overview of the university's inception and notable achievements. Dr. Richa Saxena, the founder of Kosh-Treasure of Khadi, an incubated startup at Integral Startups Foundation, shared her inspiring startup journey. Mr. Mahip Singh, the Head of Innovation Hub, AKTU, graced the event as a guest of honor & shared insights into the initiatives undertaken by the Innovation Hub. Mr. Yawer Ali Shah, the CEO & Co-founder of AMA Herbal Laboratories, delivered an inspiring talk on facing hurdles and failures in the entrepreneurial journey. Dr. Nitesh Dhawan, the State Director of Khadi and Village Industries Commission (KVIC), Ministry of MSME, Government of India, honored the event as the chief guest. In his address, he elucidated on the grants and schemes offered by KVIC and MSME, highlighting the government's support for budding entrepreneurs. Honorable Vice-Chancellor, Prof. Javed Musarrat, delivered a comprehensive speech, summarizing the key takeaways from the event. Through insightful talks, personal anecdotes, and government perspectives, the event underscored the importance of collaboration and support in fostering a vibrant entrepreneurial ecosystem.





Hon'ble Vice Chancellor, Prof. Javed Musarrat, presents a memento to Chief Guest, Dr. Nitesh Dhawan, State Director, KVIC, Ministry of MSME, Govt. of India, in recognition of his valuable insights during the enlightening session on 'Empowering Early-Stage Entrepreneurs', organized by Integral Startups Foundation in collaboration with Institution's Innovation Council & StartInUP, May 06, 2024.



Hon'ble Vice Chancellor, Prof. Javed Musarrat and Dr. Nida Fatima, Director, ISF-CIED, present a memento to Guest of Honor, Mr. Mahip Singh, Head of Innovation Hub, acknowledging his significant contributions during the enlightening session on 'Empowering Early-Stage Entrepreneurs', hosted by Integral Startups Foundation in collaboration with Institution's Innovation Council & StartInUP, May 06, 2024.



Hon'ble Vice Chancellor, Prof. Javed Musarrat and Dr. Nida Fatima, Director, ISF-CIED, present a memento to Guest of Honor, Mr. Yawer Ali Shah, CEO & Co-founder of AMA Herbal Laboratories Pvt. Ltd., in appreciation of his contributions during the enlightening session on 'Empowering Early-Stage Entrepreneurs', hosted by Integral Startups Foundation in collaboration with Institution's Innovation Council & StartInUP, May 06, 2024.

### TiE University Global Pitch Competition (Chapter Finale):

Integral Startups Foundation, in collaboration with TiE Lucknow Chapter, hosted a Tie University Global Pitch Competition on April 22, 2024, at Integral University, Lucknow. The esteemed jury comprised Mr. Abhishek Kar, an angel investor, author, and YouTuber, Mr. Alok Pandey, Founder & Director, Itech Group, Mentor of change at NITI Aayog (Kanpur) and Mr. Amit Mishra, CEO, Dazeinfo Media. Dr. Nida Fatima's welcome address encapsulated the essence of the competition, emphasizing the foundation's commitment to nurturing entrepreneurial talent and fostering innovation, underscoring the significance of initiatives like the pitching competition in empowering aspiring entrepreneurs to realize their potential and contribute to the advancement of society.



Dignitaries, organizers, and participants, marking the culmination of an enlightening session on 'Empowering Early-Stage Entrepreneurs', organized by Integral Startups Foundation in collaboration with Institution's Innovation Council & StartInUP, May 06, 2024.



The first prize was won by Standway, represented by Altamas Hussain and his team. Their ability to address a pressing market need with a scalable and sustainable model earned them the coveted first prize. The second prize was won by Smart Savaari, represented by Faiz Ahmed. Smart Savaari's innovative transportation solution showcased technological prowess and market understanding, securing them the second prize. The judges recognized their potential for disruption and market penetration. The third prize was won by RB United Globals represented by Antriksh Singh & Team. RB United Globals demonstrated a clear vision and a robust strategy to tackle global challenges. Their dedication to social impact and sustainable growth earned them the third prize. While only three startups secured the top prizes, all participants demonstrated commendable efforts and potential. AffiliateKaro by Tanweer Alam, Stufit Approach by Zohaib Sami Khan, and Grihanikala Private Limited by Sneha and Shivam received certificates and appreciation from the jury for their innovative ideas and promising ventures

The event also witnessed a special talk by Mr. Abhishek Kar, an Angel Investor, Author, and YouTuber. Mr. Kar shared insights and advice on entrepreneurship, investment strategies, and navigating the startup ecosystem. His talk provided valuable guidance and inspiration to the participants and attendees alike. Prof. Javed Musarrat, Hon'ble Vice Chancellor, Integral University, enlightened the audience with words of encouragement that added a significant touch of prestige and endorsement to the occasion, further emphasizing the importance of entrepreneurship in driving positive change. Furthermore, Prof. Mohammed Haris Siddiqui, the Registrar of Integral University, shed light on the inception of Integral University, enriching the event with historical context and institutional vision.



Prof. Javed Musarrat, Hon'ble Vice Chancellor, presents a token of appreciation to Mr. Abhishek Kar, distinguished guest and Angel Investor, Author, and YouTuber, at the Global Pitch Competition hosted by Integral Startups Foundation in partnership with TiE, Lucknow chapter. This memorable moment unfolded on April 22, 2024, at Integral University, Lucknow, marking a celebration of entrepreneurial spirit and innovation.



Dr. Nida Fatima, Director, ISF-CIED, alongside Mr. Abhishek Kar, Angel Investor, Author, and YouTuber, Mr. Alok Pandey, Founder & Director of Itech Group, and Mr. Amit Mishra, CEO of Dazeinfo Media, presenting the winning certificate and cheque to Standway and their team. This momentous occasion took place at the culmination of the event, marking a triumph of innovation and entrepreneurial excellence.



Mr. Abhishek Kar, Angel Investor, Author, and YouTuber, Mr. Alok Pandey, Founder & Director of Itech Group, Mr. Amit Mishra, CEO of Dazeinfo Media, Dr. Nida Fatima, Director, ISF-CIED, along with Mr. Wahajul Haq, Dean R&D and Mr. Pranav Agarwal, President TiE, Lucknow chapter, awarding the second prize to Faiz Ahmed, Founder of Smart Savaari. Recognizing innovation and excellence, this moment underscores the commitment to fostering entrepreneurship and driving positive change.



Mr. Abhishek Kar, Angel Investor, Author, and YouTuber, Mr. Alok Pandey, Founder & Director of Itech Group, Mr. Amit Mishra, CEO of Dazeinfo Media, Dr. Nida Fatima, Director, ISF-CIED, along with Mr. Wahajul Haq, Dean R&D, Integral University and Mr. Pranav Agarwal, President TiE, Lucknow chapter, awarding the third prize to RB United Globals represented by Antriksh Singh & Team. This recognition reflects the dedication and ingenuity driving innovation in the startup ecosystem.





Gathering of distinguished guests, organizers, and participants for a group photograph at the Global Pitch Competition organized by Integral Startups Foundation in collaboration with TiE, Lucknow chapter, held on April 22, 2024, at Integral University, Lucknow. A moment capturing the convergence of innovation, entrepreneurship, and collaboration in the heart of Uttar Pradesh.

### "Organizing Sales to Grow & Go-to-Market Strategy" :

Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, Integral University, in association with TiE (The Indus Entrepreneurs), Lucknow Chapter, hosted a full day Masterclass on 'Organizing Sales to Grow and Go-to-Market Strategy' on March 12, 2024, at Central Auditorium, Integral University, Lucknow. The event aimed to provide insights and strategies for entrepreneurs to effectively organize their sales efforts and develop successful go-to-market strategies. Dr. Nida Fatima, Director, Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, welcomed the participants and set the stage for the masterclass. She highlighted the achievements of incubated startups at ISF-CIED, showcasing the impact of the institution's support in fostering innovation and entrepreneurship.

The session was led by Mr. Kiran Deshpande, a seasoned industry leader with extensive experience in sales, marketing, and entrepreneurship. Mr. Kiran Deshpande, drawing from his rich experience as the former CEO of Tech Mahindra and as the Founder and Director of 14 Trees Foundation, provided invaluable insights into organizing sales operations and crafting effective go-to-market strategies. His expertise added substantial value to the session & emphasized the importance of structuring sales teams effectively, ensuring clear roles and responsibilities, and fostering a culture of accountability. He discussed various sales organization models and shared best practices for optimizing sales performance. The session delved into the critical aspects of developing a robust go-to-market strategy, including market segmentation, target audience identification, product positioning, pricing strategies, distribution channels, and promotional tactics.



A day of strategic insights : Mr. Kiran Deshpande, former CEO of Tech Mahindra, and Founder/Director of 14 Trees Foundation, leads an illuminating Masterclass on 'Organizing Sales to Grow' hosted by Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, in association with TiE, Lucknow Chapter, on March 12, 2024, at Integral University, Lucknow.



The Masterclass on 'Organizing Sales to Grow and Go-to-Market Strategy' by Mr. Kiran Deshpande proved to be a highly informative and engaging event for aspiring entrepreneurs and startup enthusiasts. Attendees gained valuable insights into structuring their sales operations, developing effective go-to-market strategies, and aligning their efforts with customer needs and market dynamics. The event exemplified the commitment of Integral University's Centre for Incubation & Entrepreneurship Development to fostering entrepreneurship and innovation through knowledge-sharing and industry collaboration.

### **"School to Startup-Igniting Young Minds to Innovate":**



Prof. S.W. Akhtar, Hon'ble Founder & Chancellor, Integral University, presents a token of appreciation to the esteemed Chief Guest, Dr. M.K. Shanmuga Sundaram, Principal Secretary, Basic Education, Government of U.P., on the occasion of 'School to Startup' event held on February 14, 2024, at Central Auditorium, Integral University, Lucknow.

Integral Startups Foundation, Centre for Incubation and Entrepreneurship Development (CIED), Integral University, in association with, NimbleQ and StartInUP organized the "School to Startup" event on February 14, 2024 at Central Auditorium, Integral University, Lucknow. It was a groundbreaking initiative aimed at fostering innovation and entrepreneurship among young students. With the participation of founders from Grade 2 to Grade 9 of top-notch schools, the event served as a platform to nurture and showcase the entrepreneurial potential of the next generation.

Dr. Nida Fatima, Director of ISF-CIED, delivered the welcome address, emphasizing the significance of empowering young minds to innovate and create solutions for real-world problems. The highlight of the event was the pre-incubation and subsequent launch of 18 startups, each founded by students from Grade 2 to Grade 9. Dr. Madhukar Varshney, US based Biomedical Engineer, holds a Ph.D. in Biomedical Engineering and is the founder of NimbleQ, moderated the pitching session of students. Dr. Madhukar's astute observations and feedback helped students refine their ideas, identify areas for

improvement, and gain valuable insights into the industry landscape.

The event also witnessed the launch of the "School to Startup" booklet, which encapsulated the journey of the young entrepreneurs and provided insights into their startup ideas and aspirations. This booklet serves as an inspiration and resource for aspiring young innovators, highlighting the importance of nurturing entrepreneurship from a young age. These startups covered a diverse range of sectors, showcasing the creativity and ingenuity of young entrepreneurs. Students had the opportunity to pitch their startup ideas to a panel of esteemed guests and the audience. The presentations were moderated by Mr. Madhukar Varshney, Founder of NimbleQ, who provided valuable feedback and encouragement to the participants.

Dr. Sundaram, Principal Secretary of the Basic Education Department, Government of Uttar Pradesh, graced the occasion as the Chief Guest, underscoring the government's commitment to promoting entrepreneurship in education. Special guests included Mr. Yogesh Kumar, Operations Head, CSR Projects, HCL Foundation and Mr. Abhishek Tiwari, Program Director, KPMG, and Ex-Lead Advisor, StartInUP, who brought their expertise and encouragement to the budding entrepreneurs. Prof. S.W. Akhtar, Hon'ble Chancellor & Founder of Integral University, delivered a motivational talk aimed at inspiring and empowering students to pursue their entrepreneurial dreams with determination and resilience. Dr. Nadeem Akhtar, Hon'ble Pro Chancellor of Integral University, also delivered an inspiring talk, highlighting the importance of innovation and perseverance in the entrepreneurial journey.

The support and encouragement from esteemed guests and speakers reinforced the importance of nurturing young talent and fostering a culture of innovation from an early age. As these young entrepreneurs embark on their startup journey, they carry with them the inspiration and guidance gained from this event, poised to make significant contributions to the entrepreneurial ecosystem. As these young entrepreneurs embark on their startup journey, they carry with them the invaluable lessons and experiences gained from this event, poised to make a positive impact on society.

The "School to Startup" event was a resounding success, igniting the passion for entrepreneurship and innovation among young minds. It provided a valuable platform for students to transform their ideas into actionable startups and take their first steps towards becoming future leaders and innovators. The event would not have been possible without the dedication and support of the ISF-CIED team, organizers, and student ambassadors.





Dignitaries come together to ceremoniously launch the 'School to Startup' booklet, marking the beginning of a journey filled with knowledge, inspiration, and collaboration, on February 14, 2024, at Central Auditorium, Integral University, Lucknow.

(L-R: Dr. Madhukar Varshney, Founder, NimbleQ, Mr. Yogesh Kumar, Operations Head, CSR Projects, HCL Foundation, Dr. M.K. Shanmuga Sundaram, Principal Secretary, Basic Education, Government of U.P., Prof. S.W. Akhtar, Hon'ble Founder & Chancellor, Integral University, Dr. Nadeem Akhtar, Hon'ble Pro Chancellor, Integral University, Mr. Abhishek Tiwari, Program Director, KPMG & Dr. Nida Fatima, Director, ISF-CIED, Integral University).



Dr. Madhukar Varshney, Founder NimbleQ, engages the audience with passion and expertise as he delivers insights about NimbleQ's journey and vision, inspiring innovation, and collaboration among attendees.



Dr. Nida Fatima, Director, ISF-CIED extends a gracious welcome to esteemed guests, offering a comprehensive briefing on the mission and endeavors of the Center for Incubation and Entrepreneurship Development (CIED), igniting inspiration and collaboration.



Participants from grade 2-grade 9, glow with pride as they receive certificates of Pre-incubation from esteemed guests and dignitaries, marking the culmination of their hard work and dedication at the 'School to Startup' event, organized by Centre for Incubation & Entrepreneurship Development, under Integral Startups Foundation, in association with NimbleQ, held on February 14, 2024, at Central Auditorium, Integral University, Lucknow.





Entrepreneurial spirits soar as participants pitch their innovative startup ideas in front of an eager audience, sparking creativity and enthusiasm at the 'School to Startup' event, held on February 14, 2024, at Central Auditorium, Integral University, Lucknow.

### “Navigating the Entrepreneurial Journey”:

The event "Navigating the Entrepreneurial Journey," organized by the Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development at Integral University, was an outstanding success. Dr. Nida Fatima, Director of the Integral Startups Foundation, Centre for Incubation & Entrepreneurship Development, welcomed the guest speaker and audience. The

guest speaker, Mr. Abhishek Tiwari, Ex-Lead Advisor at StartInUP and Program Director at KPMG, delivered an enlightening keynote address that delved into crucial aspects of entrepreneurship, including the significance of an entrepreneurial mindset, market research, business planning, funding options, and strategies for scalability and growth. The speaker discussed the delicate balance between taking risks



and fostering innovation. Practical tips were shared on how to take calculated risks and continuously innovate to stay ahead in the competitive market. Strategies for sustaining and scaling a business were elaborated upon. The speaker stressed the importance of financial management, strategic planning, and adaptability in achieving sustainable growth. Mr. Tiwari's extensive experience and practical advice captivated the audience, which comprised students, aspiring entrepreneurs, and faculty members. The program was moderated by Mr. Syed Ahmad Rafee, Assistant Incubation Manager at the Integral Startups Foundation, who facilitated an engaging Q&A session, allowing participants to interact directly with the speaker and gain deeper insights.

The event underscored Integral University's commitment to nurturing entrepreneurial talent and provided attendees with invaluable knowledge to successfully navigate their entrepreneurial journeys.



Mr. Abhishek Tiwari, Ex-Lead Advisor, StartInUP and Program Director, KPMG, leading an interactive session with students during the "Navigating the Entrepreneurial Journey" event held on February 14, 2024 at Integral University, Lucknow.

### "Innovation Nexus: Startups Synergies":

The "Innovation Nexus: Startups Synergies" organized by the Integral Startups Foundation (ISF), Center for Incubation and Entrepreneurship Development (CIED), Integral University, on December 02, 2023, brought together key players from the startup ecosystem. The event witnessed active participation from delegates representing the Council of Scientific and Industrial Research-Indian Institute of Toxicology Research (CSIR-IITR), Lucknow, and The Indus Entrepreneurs (TiE), Lucknow Chapter. The focal point of the event was the official unveiling of Memorandum of Understanding (MoUs) between CIED and both CSIR-IITR and TiE, Lucknow Chapter.



**Formalizing Collaboration:** Memorandum of Understanding (MoU) between TiE (The Indus Entrepreneurs), Lucknow Chapter and Centre for Incubation & Entrepreneurship Development (CIED), Integral University, Lucknow.

**L-R:** Dr. Parthasarathi, Principal Scientist, CSIR-IITR, Lucknow, Prof. Haris Siddiqui, Registrar, Integral University, Mr. Sachin Sahni, President, TiE, Lucknow Chapter, Prof. Javed Musarrat, Vice Chancellor, Integral University, Mr. Ashish Kaul, Founder, Diya Technologies, Ms. Mamta Chauhan, Startup Mentor, Atal Thinking Labs, and Dr. Nida Fatima, Deputy Director, CIED, Integral University.



**Formalizing Collaboration:** Unveiling of Memorandum of Understanding (MoU) between CSIR-IITR and Centre for Incubation & Entrepreneurship Development (CIED), Integral University, Lucknow





Glimpses of "Innovation Nexus: Startups Synergies" organized by the Center for Incubation and Entrepreneurship Development (CIED) at Integral University, Lucknow

## CIED Takes Center Stage: Pioneering Innovations and Collaborations at the Global Bio India 2023 Roadshow

Centre for Incubation & Entrepreneurship Development, Integral University, Lucknow, actively participated in the Global Bio India 2023 Roadshow at Technology Development Innovation Centre, BIRAC, BioNEST, organized by CSIR-IITR, Lucknow on November 24, 2023. The event aimed to foster collaboration, innovation, and knowledge exchange within the biotech sector.



Kosh, treasure of khadi, an incubatee of CIED, Integral University, showcasing their products at Global Bio-India-2023 Roadshow (November 24, 2023) at CSIR-IITR, Lucknow



Mr. Faiz Siddiqui, founder of Ahinsa Care & Soil Concept, an incubatee of CIED, Integral University, interacting with Dr. Bhaskar Narayan, Director, CSIR-IITR, Lucknow at Global Bio-India-2023 Roadshow (November 24, 2023) at CSIR-IITR, Lucknow



Mr. Aman Kumar, founder of Nutty Village, an incubated of CIED, Integral University, showcasing innovative products, highlighting a blend of creativity and entrepreneurial prowess at Global Bio-India-2023 Roadshow (November 24, 2023) at CSIR-IITR, Lucknow





Team of ITM Core, an incubatee of CIED, Integral University, displaying an array of products at Global Bio-India-2023 Roadshow (November 24, 2023) at CSIR-IITR, Lucknow

## NUTRITION FOR HEALTH SUMMIT

(Nature, Health and Vegan Festival 2023)

Centre for Incubation and Entrepreneurship Development (CIED), Integral University, in association with Biotech Park, UP Council for Science & Technology, Government of Uttar Pradesh, International Society for Medical, Food & Nutrition, KGMU, Lucknow and the Biotech Park, organized the Nutrition for Health Summit on October 15-16, 2023, at Biotech Park, Lucknow.



Dr. Nida Fatima, Deputy Director, CIED, receiving the Memento from Chief Guest, Dr. M. L. B. Bhatt, Ex-VC, KGMU, Lucknow, on the occasion of Nutrition Health summit, held on October 15-16, 2023, at Biotech Park, Lucknow



Ms. Catherine Hinderman delivering an expert talk on "Exploring Synergies: Entrepreneurship & Economic Relations between India & European Countries," organized by CIED on October 3, 2023.

## An Expert Talk on "Exploring Synergies: Entrepreneurship & Economic Relations between India & European Countries".

Centre for Incubation & Entrepreneurship Development (CIED), Integral University, organized an Expert Talk, "Exploring Synergies: Entrepreneurship & Economic Relations between India & European Countries" on October 03, 2023, at central auditorium, by the distinguished Swedish Entrepreneur and economist Ms. Catherine Hinderman, CEO at Gaia Amore, a U.S.-based luxury brand, successfully blending new-age fashion with sustainability, promoting upliftment of rural artisans across India. This brand is loved and recognized by fashion icons across U.S. She also serves as the Chief Operating Officer, Internationals, at Kosh, which is a sustainable organic cotton textile manufacturing company that has an international presence across the globe and is incubated at CIED, Integral University.



CIED stalls at Nutrition Health Summit-2023, held on October 15-16, 2023, at Biotech Park, Lucknow





Participants and organizers gather for a group photograph during the expert talk on "Exploring Synergies: Entrepreneurship & Economic Relations between India & European Countries," delivered by Ms. Catherine Hinderman and organized by CIED on October 3, 2023.









# Internal Quality Assurance Cell (IQAC)

The field of education is continually evolving. To keep pace with the rapid developments, higher education institutes must adapt and integrate emerging technology to serve the interests of all of their stakeholders-students, faculty, and society.

The Internal Quality Assurance Cell (IQAC) is striving to develop a system for conscious, consistent, and catalytic improvement in academics and to act as a dynamic system for quality changes in the University. The IQAC has made the outcome-based education (OBE) framework one of its main initiatives that seeks to guarantee the timely, effective, and progressive performance of the academic programs. It also monitors key performance indicators, pinpoints, and recommends areas for improvement in order to realize the university's vision of being a seat of educational excellence.

The Internal Quality Assurance Cell (IQAC) aims at promoting a culture of continuous improvement and excellence in all operations. The IQAC plays a pivotal role in developing policies, monitoring processes, and suggesting improvements in line with quality benchmarks. IQAC ensures accountability, transparency, and excellence within the institution. It promotes the establishment of a quality culture that is essential for both internal improvement and external recognition through accreditation and rankings.

Rankings provide objective assessments of key elements of higher educational institutions, including academic excellence, research output, faculty qualifications, student satisfaction, and global engagement thus enabling prospective students to receive professional guidance that has been proven to be consistent with their selected program of study. The IQAC supports IU achieve its vision and mission by providing motivated students the opportunities to fulfill their potential through academic success, global mobility, and professional growth.

## ACTIVITIES CONDUCTED DURING THE YEAR BY IQAC

1. The Internal Quality Assurance Cell (IQAC) organized a Quality Improvement Program titled "Pathways to Excellence: Enhancing Accreditation, Rankings, & Outcome Based Education" on 8th May 2024. The program

aimed at highlighting and outlining the standards in various facets of the university including teaching, research and outreach and the role rankings and accreditation play in determining the competitiveness of educational institutions. The program aims at aligning with innovative strategies to meet the standards of quality in terms of faculty, curriculum, infrastructure, and students support services.

2. Internal Academic Audit of all departments were carried out by the University in association with IQAC.
3. Yearly targets according to NAAC criterion 1-7 are given/set up for all the departments to meet the NAAC expectation in all aspects yearly.
4. AQAR for the session 2022-23 is successfully submitted to NAAC.
5. The IQAC is getting ready for the third cycle of accreditation by the NAAC. Accordingly, the core committee and its subcommittees were reorganized to ensure the appropriate and seamless execution of NAAC-related tasks.
6. Pursuant to Research Incentivization Scheme (RIS) of university initiated by IQAC for promoting research & innovation, total 53 patents have been published/ granted by faculty/ staff of the university.
7. With an object to bring excellence in academic pursuits and also open its wings to avail of services from technologically equipped reputed national and international organizations the University has signed Fourteen Memorandum of Understanding (13 MoU's) during the year 2023-24.

The IQAC applied to 14 different ranking/accrediting bodies in the session 2023-24, and we are pleased to announce that, in comparison to the preceding academic sessions, we have improved our rankings.

S.No	Agency	Category	Rank Level	Rank
1	National Institutional Ranking Framework (NIRF)	University Pharmacy Engineering	All India Rank band All India Rank All India Rank band	101-150 slab 45 201-300 slab
2	IDA Awards Education	University	Effective Implementation & Integration of ICT	Winner
3	NABH Accreditation	Integral Hospital	Accredited	Accredited
4	NABL	Civil Engineering Laboratory	Accreditation	Accredited
5	Indian Institutional Ranking Framework (IIRF)	Top Private University Top Private Universities (Good for B. Tech/ MTech) Top Private Universities (Good for Arts, Science, Research & Humanities) Top Private Universities (Good for Medicine & Allied Health Sciences) Engineering Architecture Law Management	All India Rank All India Rank  All India Rank  All India Rank All India Rank All India Rank All India Rank All India Rank	38 40  39  17 88 30 39 80
6	India Today, Marketing and Development Research Associates (MDRA)	University Engineering (Pvt) Engineering (Top Engineering College) Architecture Law BBA BCA BSc Medical	All India Rank All India Rank All India Rank All India Rank All India Rank All India Rank All India Rank All India Rank All India Rank	36 159 189 27 48 107 76 115 55
7	THE WEEK-Hansa Research	Multidisciplinary Emerging Universities Private & Deemed Multidisciplinary Universities	All India Rank All India Rank	59 26
8	EDU Ranking	University	All India Rank	326
9	uni Rank	University	All India Rank World Rank	306 7767
10	Times B School Ranking	Management	All India Rank Private Universities	60 26
11	Shimago Ranking	University	Overall Ranking India Overall Ranking world Overall Ranking Asiatic region	150 3132 1142
12	World University Rankings for Innovation (WURI)	Crisis Management Social Responsibility Generative AI Application Global Top 300 Innovative Universities	Top 100 University   Top 300 University	8 41 22 283
13	Outlook Care	Private Technical universities Engineering State Private Universities	All India Rank All India Rank All India Rank	14 143 41
14	Carrier 360	Law Management Engineering	All India Rank All India Rank All India Rank	AA+ AA+ AAA+

(Prof. Syed Misbahul Hasan)  
Director, IQAC







Left: Prof. Abha Chandra, Dean, IIMS&R, Prof. M. Haris Siddiqui, Registrar, Professor Ved Kumari, Vice Chancellor, National Law University, Odisha, Prof. Syed Nadeem Akhtar, Pro-Chancellor, Prof. Shikhar Ranjan, Legal Advisor, Medical Council of India, Dr. Gulfam Ahmad Hashmi, Dr. Naseem Ahmed, Dean, Faculty of Law,

The Faculty of Law at Integral University orchestrated a momentous gathering on 9<sup>th</sup> December, 2023, organized a National Symposium on the overarching theme of “Consolidating and Sustaining Human Rights Culture in the Future: A Global Agenda” in commemoration of the International Human Rights Day observed annually on 10<sup>th</sup> December to honour the adoption of the Universal Declaration of Human Rights (UDHR) in 1948 by the United Nations General Assembly.

The distinguished guests for the symposium were: Chief Patron: Prof. Syed Wasim Akhtar, Chancellor, Integral University, Patron: Prof. Syed Nadeem Akhtar, Pro-Chancellor, Integral University, Chief Guest: Dr. G.K. Goswami, Founder Director, UPSIFS and ADG, U.P. Police, Guest of Honor: Prof. (Dr.) Sanjay Singh, Vice Chancellor, RMLNLU, Co-Patrons: Prof. (Dr.) Mohammad Haris Siddiqui, Registrar, Integral University, & Mr. Syed Fauzan Akhtar, Executive Director, Healthcare Division, Along with Prof. (Dr.) Naseem Ahmed, Dean, Faculty of Law, Integral University, added luster to the event alongside other eminent dignitaries. The main attraction of the event was the heart wrenching discussion of the acid attack survivors with the Pro Chancellor, Prof. Syed Nadeem Akhtar, Integral University, Lucknow.

### **The Moot Court and Debating Society:**

The department organized its “4<sup>th</sup> Intra Moot Court Competition” अदालत held from 14<sup>th</sup> to 16<sup>th</sup> March, 2024. The three-day event witnessed a fervent display of legal acumen and advocacy skills, echoing the spirit of intellectual engagement and discourse. The distinguished judges for the final session were

Mr. Mohd Shareef, Retired Additional District Judge, Meerut

Dr. Prasenjit Kundu, Assistant Professor, Dr. Ram Manohar Lohiya National Law University, Lucknow - Dr. Seema Siddiqui, Head, Faculty of Law, Integral University,

### **Team TC: 03 :**

It emerged as the Winner consisting of students of B.A.LL.B. I Year. Team TC: 04 secured the position of Runner-up consisting of students of LL.B. I Year.

The International Conference on the theme “**CONVERGENCE OF HEALTH: EXPLORING LEGAL AND MEDICAL PERSPECTIVES**” organized by the Faculty of Law in collaboration with the Faculty of Medicine and Health Sciences, Integral University, Lucknow on 27<sup>th</sup> April, 2024. This conference aimed to bridge the gap between the realms of law and medicine. One of the key focuses of the conference was the exploration of

the ethical and legal implications of medical advancement. This conference facilitates a holistic understanding ensuring that legal framework adapt to support and regulate innovations in the medical field.

The chief guest of the Inaugural function of the conference was Professor Ved Kumari, Vice Chancellor, National Law University, Odisha, special guests for the conference were Prof. Shikhar Ranjan, Legal Advisor, Medical Council of India and Dr. Kritika Khanijo, Tech Legal Head, World Health Organisation, Geneva, Switzerland. The conference was adorned by the presence of the Patron Dr. Syed Nadeem Akhtar, Pro Chancellor Integral University, Co-Patron Prof. Mohd Haris Siddiqui, the Registrar, Integral University, and Syed Fauzan Akhtar, Executive Director, Faculty of Medicine and Health Sciences, Integral University, Lucknow.

#### The Environmental Law Society:

The Faculty of Law, in association with “**National Service Scheme**”, organised a “**Pledge Ceremony**” in Village “**Chandan, Indira Nagar**”, on 5<sup>th</sup> June, 2024 on the occasion of the “**World Environment Day**”, an important worldwide occasion devoted to bring attention to and encourage action for environmental conservation.

#### Free Legal Aid Camp:

It was organized at ILM School, village Chetanpurva, tehsil BKT, Dist. Lucknow on 9<sup>th</sup> March 2024. The Free Legal Aid camp on was “**Nyaya Chala Nirdhan Ke Dwaar**”. The event was held under the guidance of Senior Advocate Ausaf Ahmad Khan from the High Court of Judicature at Allahabad, Lucknow Bench,

aimed to uphold the ethos of justice for the underprivileged. He enlightened the people about essential laws that every citizen should be aware of, not just as a legal professional but as a responsible citizen of India. The Specific Legal Counselling session was conducted where various questions were raised including the Procedure regarding filing an FIR, the procedure regarding Mutation (Dakhil Kharij), and the Issue regarding the Citizenship Amendment Act (CAA) by villagers & Staff of ILM School.

During the Camp, students from the Faculty of Law delivered a compelling Nukkad Natak on “**Gender Equality**” earning understanding and applause from the attendees.

The Faculty successfully hosted a combined event on 18<sup>th</sup> May 2024, comprising “**Graduation Day 2024**” and “**Rendezvous: Grand Alumni Meet 2024**”. This dual focus provided a platform for final year students to receive a formal farewell and recognition for their contributions, while also allowing alumni to reconnect with their alma mater and share their professional journeys.

The welcome address by Dr. Seema Siddiqui reflected the spirit of unity. Our Guests Adv. Tabish Sarosh, (Founder, Tabish Sarosh & Associates, New Delhi) and Dr. Nilanjan Mukherji, (Director CCG&D Integral University) delivered inspiring speeches emphasizing the importance of legal education, professional integrity, and continuous development. The event was also graced by the presence of our guest Dr. Salman Khan, President, Alumni Welfare Association, Integral University. The Dean's Medal and Letter of Appreciation recipients are as follows:

#### PROGRESSION IN THE RANKING OF THE FACULTY OF LAW





# Department of Languages



International Conference on "Environment, Religion and Culture: Promoting Intercultural Dialogue through Literature on Sustainable Development."

## International Conference Charts New Paths in Environmental Humanities and Cultural Dialogue

In a significant academic endeavor, the Department of Languages at Integral University, under the aegis of the Human Resource Development Centre, successfully conducted a three-day International Conference on "Environment, Religion and Culture: Promoting Intercultural Dialogue through Literature on Sustainable Development." The conference, held from February 6-8, 2024, in hybrid mode, under the invaluable leadership of Prof. H.M. Arif, Head, Languages, was expertly convened by Dr. Aareena Nazneen and Dr. Vanya Srivastava, bringing together a distinguished gathering of scholars, researchers, and academicians from across the globe.

The conference featured an impressive lineup of keynote speakers who enriched the academic discourse with their profound insights. Prof. Elisabetta Marino from the University of Rome "Tor Vergata" and Prof. Nishi Pandey, Professor of Eminence from the University of Lucknow, delivered compelling keynote addresses that set the tone for the conference. The intellectual dialogue was further enhanced by the valuable contributions of Prof. Asim Siddiqui from Aligarh Muslim University and Prof. Onkar Nath Upadhyay from the University of Lucknow.

The conference's thematic scope was notably comprehensive, addressing crucial contemporary issues through an interdisciplinary lens. Discussions ranged from environmental humanities and climate justice to religious and cultural perspectives on environmental conservation. The discourse extended to vital areas such as cross-cultural studies, cultural sustainability, biosemiotics, eco-musicology, peace studies, and disaster management. A particularly timely inclusion was the focus on pandemic studies and social ecology, reflecting the conference's relevance to current global challenges. The event's academic legacy is preserved through carefully curated publication where all abstracts are published in the Department of Languages' souvenir edition.

The seamless execution of the conference was made possible by the dedicated organizing team, with Ms. Ambreen Fatima and Dr. Sugandha Agnihotri expertly managing the registration process. The technical sessions were skillfully coordinated by Dr. Mursalin Jahan and Dr. Fatima Sahrish, while Mr. Raj Askari and Dr. Nikhat Ara ensured impeccable restoration and decoration. Dr. Zain Suleiman and Dr. Ilyas Khan managed the food and accommodation arrangements with great efficiency, and Dr. Arshi Khan and Dr. Zeba Rizvi coordinated the student volunteers effectively.





The Hon'ble Chancellor briefing Mr. Danish Azad Ansari, Minister for Minority Affairs, on Panoramic Map of the University



Lighting of the Lamp by dignitaries

The conference received strong institutional support under the distinguished leadership of Chief Patron Prof. S.W. Akhtar, Founder & Chancellor of Integral University. The event was further strengthened by the guidance of Patrons Dr. Syed Nadeem Akhtar (Pro Chancellor) and Prof. Javed Musarrat (Vice Chancellor), along with Co-Patron Prof. Syed Aqeel Ahmad (Director, HRDC). The conference chairpersons, Prof. (Dr.) H.M. Arif (Head, Department of Languages) and Dr. Shahid Ali Khan (Dean, FOHSS), provided valuable direction throughout the proceedings.

This conference has marked a significant milestone in advancing the discourse on environmental humanities and intercultural dialogue through literature. The hybrid format proved particularly effective in ensuring broader participation, making



Madam Chancellor, Mrs. Azra Washeem, Welcomes Prof. Elisabetta Marino, University of Rome



Cultural Performance by Students of the University





# Chancellor's Trophy-2024



Unveiling the prestigious Chancellor's Trophy.



Hon'ble Founder & Chancellor Prof. Syed Waseem Akhtar inaugurating the prestigious event The Chancellor's Trophy.

Academic Excellence Converges at Integral University's Grand Finale of the prestigious Chancellor's Trophy-First State-Level Inter-University Declamation Competition.

In a landmark celebration of intellectual prowess and oratory excellence, Integral University hosted the Grand Finale of the prestigious Chancellor's Trophy, First State-Level Inter-University Declamation Competition on April 30, 2024. The remarkable event, spearheaded by the Hon'ble Vice Chancellor Prof. Javed Musarrat, brought together talented participants from 20 leading universities across Uttar Pradesh, including Banaras Hindu University, Aligarh Muslim University, and Lucknow University.

The Literary Committee and Department of Languages orchestrated this flagship competition, which showcased exceptional public speaking talent through a rigorous selection process. Notable jury members for the Preliminary and Knock Out Rounds included Prof. T Usmani, Prof. Abdur Rahman Khan, CoE & Dean Faculty of Sciences, Mr. Ahmad Raza, Treasurer, Ms. Sheza Beig, Dr. Ambrina Sardar Khan, Head, Environmental Science, Ms. Kavita Agarwal, Head of Computer Sciences, and Dr. Divya Panjwani, Assistant Professor, Department of Education. The grand finale was further elevated by the expertise of Mr. BD Naqvi and Mr. Atul

Chandra, who brought their wealth of experience to the judging panel.

Following intense competition, Ms. Guncha Khan from Integral University's Department of Education, Integral University, emerged victorious, claiming the prestigious Chancellor's Trophy and First Prize. Palak Yadav from Kanpur University and Aryan Arora from King George Medical University secured the first and second runner-up positions respectively, demonstrating remarkable oratory skills and intellectual depth.

The event received high commendation from university leadership, with Hon'ble Founder & Chancellor Prof. Syed Waseem Akhtar praising the "graceful" presentations, and Madam Chancellor Azra Waseem applauding its contribution to students' holistic development. Hon'ble Pro Chancellor Dr. Syed Nadeem Akhtar appreciated the thought-provoking performances, while Hon'ble Vice Chancellor Prof. Javed Musarrat celebrated the realization of his vision for academic excellence. The event concluded with a captivating cultural performance by Integral University students, marking the beginning of what promises to be a prestigious legacy in academic discourse and public speaking excellence in higher education.





A token of gratitude to the panel of judges



Hon'ble Madam Chancellor Mrs. Azra Waseem addressing the session.



Hon'ble Pro-Chancellor addressing the session during the prestigious Chancellor's Trophy



Vote of Thanks by Hon'ble Vice Chancellor Prof. Javed Musarrat



One of the participants debating during the prestigious Chancellor's Trophy Debate Competition.



Rebuttal Round during the Chancellor's Trophy Debate Competition.





The memorable moment: Ms. Guncha Khan from Integral University's, the winner is on the board, awarded with the prestigious Chancellor's Trophy by the Hon'ble Founder & Chancellor, Madam Chancellor, Pro-Chancellor, and Vice Chancellor of the University.



18-JPG: -Participants team of the Drama Charandas Chor, performed in the cultural evening of the Chancellor's Trophy.





Winners in a frame

### **Bridging Humanities and Technology: Department of Languages Pioneers AI Workshop in Collaboration with MSME-Technology Development Centre**

The Department of Languages organized a transformative two-day workshop on "Artificial Intelligence in Teaching and Research" from November 29-30, 2023. The significant workshop was in collaboration with the Ministry of MSME-Technology Development Centre (PPDC), Government of India Society, which attracted an impressive gathering of 140 participants, including faculty members, research scholars, and students.

The workshop, aligned with India's vision of emerging as a global AI superpower, was graced by distinguished university leadership including Prof. Aqil Ahmad, Advisor to Hon'ble Chancellor, Prof. Abdul Rahman Khan, Controller of Examination, Prof. Syed Aqeel Ahmad, Director, HRDC, and Prof. Shahid Ali Khan, Dean, Faculty of Humanities and Social Sciences. Their collective presence underscored the university's dedication to embracing technological advancement while maintaining ethical considerations in academic pursuits.

Under the expert guidance of industry leaders from Digital Dronacharya, the workshop featured comprehensive sessions led by Ms. Gauri Kapur, a Google Certified Digital Marketer and AI Trainer, Mr. Akash Sharma, an MSME Certified Trainer, and Ms. Nancy Dilawar, an SEO Specialist. Their sessions masterfully bridged the gap between traditional humanities education and cutting-edge AI applications in teaching and research.

The first day commenced with Mr. Akash Sharma's illuminating sessions on "The Overview of AI and its Research Tools" and "AI Tools for Future Generation and its Challenges." Participants gained valuable insights into personalized learning approaches, task automation, and integrated learning methodologies. The sessions also covered practical applications of Google AdSense, SEO generation, and plagiarism detection tools, providing participants with hands-on experience in content creation and validation.

Day two featured Ms. Gauri Kapur's innovative presentation on "Tools to Create Presentation," showcasing the latest trends in AI-enhanced academic content creation, including live acts and animated videos generated from text. The workshop culminated with Ms. Nancy Dilawar's crucial session on "Ethical Use of Generative AI," emphasizing the responsible integration of AI tools in academic pedagogy while maintaining the essential balance between human intelligence and machine learning.

Prof. H.M. Arif, Head of the Department of Languages and workshop convenors, Dr. Fatima Sahrish and Dr. Mursalin Jahan, successfully conducted the workshop. The enthusiastic participation and positive feedback from attendees reflected the workshop's success in achieving its objectives of fostering technological literacy while maintaining ethical considerations in academic applications. The event succeeded in creating a dynamic platform where traditional academic excellence meets technological advancement, setting a new benchmark for interdisciplinary learning and development in higher education.



# सोशल ऑडिट के लिए मास्टर ट्रेनर्स हेतु प्रशिक्षण कार्यक्रम

## दिनांक: 14 अगस्त, 2024

प्रायोजक: राज्य परियोजना कार्यालय, समग्र शिक्षा, उ.प्र.

आयोजक: दीनदयाल उपाध्याय राज्य ग्राम्य विकास संस्थान, बस्ती का तालाब, लखनऊ



### **Pioneering Responsible Educational Initiatives: Department of Languages Leads Statewide Social Audit Project, State Project Office of Samagra Shiksha, Uttar Pradesh**

To establish a commitment to educational excellence and social responsibility, the Department of Languages, successfully initiated the Social Audit Project of the State Project Office, Samagra Shiksha, Uttar Pradesh, conducting comprehensive social audits of government elementary schools across the state. This prestigious project, backed by an estimated budget of Rs. 3.80 crores, positions Integral University at the forefront of educational accountability and community engagement in Uttar Pradesh.

Under the dynamic leadership of Prof. H.M. Arif as Director/Nodal Officer, alongside Dr. Aareena Nazneen as Additional Director and Dr. Vanya Srivastava as Project Coordinator, the university has already emerged as a frontrunner in implementation among participating institutions. The team, specially trained by NCERT resource persons, is steering this democratic initiative that goes beyond traditional audit frameworks to foster meaningful dialogue between communities and educational institutions.

The project's innovative approach embraces diverse academic perspectives, moving away from conventional social work

paradigms to ensure a more inclusive and comprehensive evaluation process. Through this initiative, Integral University will oversee the social audit of 20% of the state's government elementary schools annually, focusing on crucial aspects such as RTE Act compliance, infrastructure assessment, and student retention rates.

In a remarkable display of efficiency, the university team has already achieved significant milestones, including the successful identification and training of Master Trainers and Cluster Social Auditors. The project has made substantial progress in key districts including Sitapur, Rudauli, and Barabanki, where Social Audit Facilitation Team (SAFT) members are being identified and engaged.

This transformative project not only reinforces Integral University's role as a catalyst for educational reform but also establishes a new paradigm for community-driven school improvement across Uttar Pradesh. Through this initiative, the university continues to demonstrate its commitment to fostering educational excellence and social responsibility, setting new benchmarks for institutional engagement in public education enhancement.



Social Audit of Samagra Shiksha, Govt. of UP. by the Department:







### **Nurturing New Beginnings: Department of Languages Hosts Transformative Deeksharambha Student Induction Programme**

The Department of Languages at Integral University organized an enriching three-day Deeksharambha Student Induction Programme from August 1-3, 2024, welcoming its newest cohort of undergraduate and postgraduate students. The meticulously crafted programme seamlessly blended academic orientation with cultural enrichment, creating an engaging introduction to university life for 15 eager participants.

The inaugural day commenced under the guidance of Prof. H.M. Arif, Head of the Department of Languages, who illuminated the department's illustrious journey, achievements, and future vision. Programme Coordinators Dr. Aareena Nazneen (M.A.) and Dr. Vanya Srivastava (B.A.) delivered comprehensive presentations on academic frameworks, emphasizing Program Objectives, Outcomes, and the crucial integration of Sustainable Development Goals. The day was enriched by an expert lecture from Mr. Shubham Tiwari of The Mockingbird Theatre Group, who explored "Unveiling the Stage: The Art and Impact of Drama," while Dr. Elisabetta Marino from the University of Rome "Tor Vergata" offered international perspective through her virtual discourse on English Literature's significance.

Day two deepened students' understanding of academic life through detailed course orientations by Mr. Raj Askari (M.A. I) and Dr. Fatima Sahrish (B.A. I). The session featured crucial insights into university protocols, with Dr. Arshi Khan elucidating the Literary Society's creative opportunities and Dr. Fatima Sahrish emphasizing the university's commitment

to a harassment-free environment. A unique highlight was the sharing of experiences by current students and alumni, offering authentic glimpses into university life. The day concluded with enlightening documentaries on Universal Human Values, covering prosperity, relationships, and human aspirations, presented by distinguished faculty members.

The final day focused on career preparation and personal development, featuring specialized sessions on NET examination preparation by Dr. Nikhat Ara and Mr. Adeel, while Dr. Zeba Rizvi delivered an impactful presentation on managing peer pressure. Prof. H.M. Arif provided a fitting conclusion, sharing valuable insights drawn from his extensive academic experience, particularly emphasizing the art of effective writing and examination techniques.

Throughout the programme, students were introduced to crucial digital platforms including the Integral Learning Initiative (ILI), departmental website resources, and the Student Management Information System (SMIS). The comprehensive induction notably covered essential aspects such as mentorship programs, placement opportunities, and anti-ragging policies, ensuring a holistic understanding of university life.

This thoughtfully curated induction programme not only marked the beginning of the students' academic journey but also reinforced the Department of Languages' commitment to fostering a supportive, inclusive, and intellectually stimulating learning environment. Through this initiative, the department continues to uphold its tradition of excellence while preparing students for a enriching university experience.

## Debate Competition (वाद-विवाद प्रतियोगिता) 2024



### Celebrating Women's Legacy: Integral University's Grand Finale of Hosts Prestigious Debate Competition

In a remarkable celebration of women's empowerment and intellectual discourse, Integral University's Central Auditorium came alive with passionate voices debating one of India's most pressing social questions: "Can Reservation for Women in India truly achieve gender equality?"

The University's grand finale, held on October 23rd, 2024, marked the birth centenary of Late Kamla Bahuguna Ji, a towering figure in Uttar Pradesh's political and social landscape. The event brought together exceptional young orators from 40 universities and postgraduate women's colleges across Uttar Pradesh and Uttarakhand, showcasing the next generation of thought leaders.

"Kamla Bahuguna ji was a visionary who devoted herself tirelessly to serving society," reflected Chief Guest Mrs. Rita Bahuguna Joshi Ji, former Lok Sabha member, capturing the spirit of the woman whose legacy inspired this competition. Hon'ble Pro-Chancellor Dr. Syed Nadeem Akhtar reinforced Integral University's commitment to fostering intellectual growth, noting that "Today, we celebrate the spirit of inquiry and the pursuit of knowledge." Madam Chancellor, Mrs. Azra

Waseem, a symbol of academic excellence and leadership herself, blessed the gathering with words of encouragement.

The competition, conducted in both Hindi and English, saw outstanding performances, with Rakshan Hussain clinching first place, followed by Sahila Nigar and Anam Rizvi in second and third positions respectively. These talented debaters will now represent Integral University at the state-level finals in November, competing for substantial prizes including a top award of ₹51,000.

Prof. Haris Siddiqui, Registrar, Integral University, proposed vote of thanks. The event's seamless organization was ensured by Dean Students' Welfare Prof. Monowar Alam Khalid, and Dr. Aareena Nazneen, Dr. Vanya Srivastava, Assistant Professors, Dept. of Languages.

This competition not only honors the memory of a remarkable leader but also reinforces Integral University's position as a NAAC A+ accredited institution committed to nurturing critical thinking and empowering future leaders. As our finalists prepare for the state-level competition, they carry forward both the legacy of Late Kamla Bahuguna Ji and the pride of Integral University.





Madam Chancellor, Azra Waseem, Pro-Chancellor, Dr. Syed Naseem Akhtar, Welcome Mrs. Rita Bhuguna, Ex. M.P., at te event



Rakhshan Hussain, CSE,  
450/850 Friends colony napier road part 2 thakurganj Lucknow



Madam Chancellor, Mrs. Reeta Bahuguna Joshi & Pro-Chancellor,  
blessing Dr. Vanya Srivastava





# Department of Mathematics



Playing with Maths

## International Day of Mathematics: Playing with Maths

### Major activities

A Refresher course on Mathematics & Statistics organized by the department in association with Human Resource Development Centre (HRDC) Integral University, Lucknow on 23<sup>rd</sup> September 2023. This course aimed to refresh and update the current knowledge of teachers and researchers to address the rapidly changing educational needs, and provides a platform for them to delve into the latest developments in Mathematics and Statistics. The primary goal of the refresher course was to disseminate knowledge on recent advancements in both pure and applied mathematics. The comprehensive program featured eleven distinguished speakers, each delivering an expert talk in their respective fields. Following is the list of speakers:

1. Prof Aquil Ahmad, Department of Statistics, Aligarh Muslim University, Aligarh.
2. Prof. Muhammad Hasan Shahid, Department of Mathematics, Jamia Millia Islamia, New Delhi.
3. Prof. Pankaj Mathur, Department of Mathematics and Astronomy, University of Lucknow
4. Prof. Beer Singh Bhadhauria, Department of Mathematics at Baba Bhimrao Ambedkar University (BBAU), Lucknow

5. Prof. Viqar Azam Khan, Department of Mathematics, Aligarh Muslim University, Aligarh
6. Prof. Rajiv Pandey, Department of Statistics at University of Lucknow, Lucknow
7. Prof. Neeraj Mishra, Department of Mathematics & Statistics, IIT, Kanpur
8. Prof. Masood Husain Siddiqui, Department of Statistics at University of Lucknow, Lucknow
9. Dr. Anand Ballabh Joshi, Department of Mathematics & Astronomy, University of Lucknow, Lucknow
10. Prof. Siraj Uddin, Department of Mathematics at Jamia Millia Islamia
11. Prof. Nadeem ur Rehman, Department of Mathematics at Aligarh Muslim University, Aligarh.

The department celebrated 'International Day of Mathematics' on **Playing With Maths** on 14<sup>th</sup> March, 2024. The primary objective of the celebrations was to disseminate knowledge on the significance of Mathematics within contemporary society. The International Day of Mathematics (IDM) serves as a platform to elucidate and commemorate the crucial significance of mathematics and mathematics education in advancements in science and technology, enhancing the standard of living, empowering





women and girls, and contributing to the attainment of the United Nations & Sustainable Development Goals. IDM is observed globally on 14<sup>th</sup> March 2024.

The resource persons for the event were Dr. Muslim Malik, an Associate Professor and Chairperson of the School of Mathematical & Statistical Sciences, IIT Mandi and Dr. Asif Khan, an Associate Professor in the Department of Mathematics at Aligarh Muslim University in Aligarh.

**The National Seminar on Mathematical and Statistical Computing** was organized by the Department on 04<sup>th</sup> May, 2024 at the Seminar Hall (Academic Block - D). The seminar aimed to bring together leading experts, researchers, and practitioners to discuss the latest advancements and applications in mathematical and statistical computing. The seminar featured distinguished experts and dignitaries who shared their insights on various aspects of the field.

The resource persons for the event were Prof. Rajeev Pandey, Department of Statistics, University of Lucknow, and Prof. Subir Das, Department of Mathematical Sciences, IIT (BHU).

A plantation drive was organized by the department on 27<sup>th</sup> February, 2024 at Primary School Dasauli, Lucknow. The main aim of this outreach Plantation Drive is to promote sustainable development goals, contribute toward the betterment of our environment and direct the student's mind in constructive activities which have positive outcomes for the society also to encourage the Student Participation in community services and extension activities. The students faculty members of the University as well as the principal students of the primary school participated in this plantation drive enthusiastically and helped each other in planting

#### Plantation Drive:

#### Invited Talks:

1. Dr. Mohammad Aamir Qayyoom delivered an invited talk on "Screen Generic Lightlike Submanifolds of Golden Semi-Riemannian Manifolds" in National Conference on Mathematics and Its Application for the Advancement of Computer Science and Applications Organized by the Ramanujan Society for Mathematics and Mathematical Sciences and Department of Mathematics, T.D. PG College, Jaunpur on 03<sup>rd</sup> March, 2024.
2. Dr. Najmuddin Ahmad delivered an invited talk on "Numerical Solution of Non-Linear Equations along with Stability Criterion" in National Conference on Mathematics and Its Application for the Advancement of Computer Science and Applications Organized by the Ramanujan Society for Mathematics and Mathematical Sciences and Department of Mathematics, T.D. PG College, Jaunpur on 03<sup>rd</sup> March, 2024.



# Department of Mechanical Engineering



## FDP on Advances in Mechanical Engineering Workshop on MEP and NDT

### Major Activities:

The department organized an extensive five-day Faculty Development Program (FDP) under “Advances in Mechanical Engineering” from 9<sup>th</sup> Sep. to 28<sup>th</sup> Oct, 2023, featuring a series of sessions. It aimed to provide a comprehensive update on the latest trends, technologies, and innovations in the field of mechanical engineering. Prominent experts from both industry and academia were invited.

The department conducted a five-day workshop on “Concepts of Mechanical Electrical & Plumbing (MEP) and Nondestructive Testing (NDT)” from 18<sup>th</sup> to 22<sup>nd</sup> March, 2024. The workshop aimed to provide in-depth knowledge of MEP systems, crucial in modern building design, and the latest techniques in NDT for assessing material integrity.

The department organized an expert lecture by Dr. Mohammad Talha, Associate Professor, IIT Mandi, on 31<sup>st</sup> January, 2024. Dr. Talha gave a presentation on “Graphene Reinforced Functionally Graded Porous Panels for Defence Applications.” The lecture focused on the advanced material properties and potential uses of graphene-reinforced composites in defense technologies.

It organized an expert lecture on “Industry 4.0” by Er. Anand Singh, Senior Manager, Hindustan Aeronautics Limited (HAL), Lucknow. The lecture aimed to explore the transformative

impact of Industry 4.0 technologies, such as automation, IoT, and smart manufacturing, on the engineering and manufacturing sectors. He discussed the integration of digital technologies in modern industries and how they enhance efficiency, productivity, and innovation.

The department organized an expert lecture by Mr. Shobhit Kumar, Senior Manager at the ECBC Cell, UPSDA/ UPNEDA on 26<sup>th</sup> August, 2023. The lecture focused on the topic “Energy Efficiency in Buildings,” highlighting the importance of sustainable design and practices in the construction and operation of buildings. He discussed various strategies and technologies for enhancing energy efficiency, including the implementation of the Energy Conservation Building Code (ECBC) and the use of renewable energy sources.

The department conducted an expert lecture by Er. Meesam Imam, Manager at Indian Oil Corporation Limited (IOCL), Lucknow, on 31<sup>st</sup> October, 2023. The lecture on “Green Initiatives in Industries,” focused on the growing importance of sustainable practices in the industrial sector. He discussed various green initiatives undertaken by industries, including the adoption of cleaner technologies, energy-efficient processes, and waste reduction strategies.

The department in collaboration with the Central Institute of Petrochemicals Engineering and Technology (CIPET), Lucknow, organized a two-day workshop on “**Plastic Product Design and**



**Mould Design using CAD/ CAM Software.”** The event took place from 31<sup>st</sup> November to 1<sup>st</sup> December, 2023. The workshop aimed to provide participants with hands-on training and knowledge in the latest CAD/ CAM technologies used for designing plastic products and moulds.

The department conducted a value-added course on **“Fundamentals of Electric Vehicles”** from 7<sup>th</sup> May to 18<sup>th</sup> May, 2024. The course was offered in a blended mode, combining online lectures with hands-on sessions to provide a comprehensive learning experience. It covered key topics such as electric vehicle (EV) architecture, battery technology, power electronics, and charging infrastructure. The course aimed to equip participants with a solid understanding of the principles and technologies underlying electric vehicles.

The Department offered a value-added course on “Introduction to Building Services (Mechanical, Electrical, and Plumbing)”

from 6<sup>th</sup> November to 25<sup>th</sup> November, 2023. This course was conducted in a blended mode, integrating online lectures with practical sessions. It covered essential aspects of building services, including HVAC systems, electrical installations, plumbing, and fire safety. The course aimed to provide a foundational understanding of the design, implementation, and maintenance of MEP systems in buildings.

The department conducted a Training Course on “CNC Machines” at the FMS Lab, Central Workshop, from 30<sup>th</sup> April to 7<sup>th</sup> May, 2024. This training aimed to provide participants with hands-on experience and a thorough understanding of CNC (Computer Numerical Control) machines, including their operation, programming, and maintenance. The course included practical sessions in the workshop, where participants learned to set up, operate, and troubleshoot CNC equipment.

#### Patents:

Title	Level	Published on	Reference / Application No	Status	Applicant Name
AI-driven Hybrid Decision-Making Framework for Analysis and Prediction of Business Value Maximization	Indian	06.10.23	202311058894	Published / J.No. 04/2023 of 06.10.2023	Dr Abhishek Dwivedi
Die Set for Metal Matrix composites product preparation	Indian	28.03.24	405889-001	Granted / J.No 13/2024 of 28.03.2024	Dr. Abhishek Dwivedi
Pipe Elbow for Air Conditioning Plant	Indian	01 March 2024	404342-001	Granted	Dr.Shahnwaz Alam
IoT Based Automatic Biological Vermi Compost Maker	German	01.09.23	202023104309	Published /	Dr. Sumita Chaturvedi
Quad laser Optics Metal Additive Manufacturing Machine	UK	01.09.23	6304591	Granted	Dr. Sumita Chaturvedi

# MoU Signing Ceremony



Centre of Bio Medical Research



UP Jal Nigam(URBAN), Lucknow



# National Service Scheme (NSS)



## \*Swachhta Pakhwada\*

### National Service Scheme (NSS)

As part of the **\*Swachhta Pakhwada\*** initiative, jointly organized by the Government of India and Uttar Pradesh from 26<sup>th</sup> September to 2<sup>nd</sup> October 2024, a rally was held on 28<sup>th</sup> September 2024 by the National Service Scheme (NSS) of Integral University, Lucknow. The event was conducted under the themes **Swachhta Hi Seva Hai** and **Swachhta Hi Swasth Hai**, emphasizing the significance of cleanliness. During the rally, volunteers raised awareness about the importance of maintaining cleanliness in society. The program was overseen by Mr. Syed Naeem Akhtar, the Chief Program Officer & Incharge (NSS) at Integral University, with support from Program Officers and faculty members Associate Professor Dr. Sheeba Parveen, Assistant Professor Dr. Mohammad Jafar, Assistant Professor Ariz, and Mr. Mohammad Arif Ali Usmani. A total of 150 participants took part in the rally.









# Department of Physics

The Department conducted a Three-Day fully sponsored workshop on Astrophysics and Cosmology from 2<sup>nd</sup> May to 4<sup>th</sup> May, 2024 in Collaboration with Inter University Centre for Astronomy and Astrophysics (IUCAA), Pune.

The department in collaboration with Human Resource Development Centre (HRDC), Integral University organized a Refresher Course/ FDP cum Workshop on Recent Advances in Pure and Applied Physics from 14<sup>th</sup> October - 2<sup>nd</sup> December, 2023.

Prof. Mohammad Naimuddin, Department of Physics and Astrophysics, University of Delhi, and Scientific Associate at European Centre for Nuclear Research (CERN), Geneva, delivered an expert lecture on the topic - 'Revealing the World Inside an Atom' on 24<sup>th</sup> April, 2024.

Dr. Dharmendra Pratap Singh, Associate Professor, University of the Littoral Opale Coast (Université du Littoral Côte d'Opale (ULCO)), France, delivered an expert lecture on the topic - 'Liquid Crystalline Columnar Mesogens: Potential Materials for Modern Optoelectronic Applications, on 13<sup>th</sup> March 2024.

Professor Maxim Yu. Khlopov, President of Centre for Cosmoparticle Physics, National Research Nuclear University, Moscow, Russia, delivered an expert lecture on the topic- 'Cosmoparticle Physics- Fundamental Relationship of Cosmology and Particle Physics' on 1<sup>st</sup> November 2023.

Dr. Ruchi Sharma, founder of VIZVASITA LLP, a prominent Intellectual Property Rights Services Company, delivered an expert lecture on the topic - 'Introduction to Intellectual Property Rights and its Importance' on 10<sup>th</sup> February, 2024.

To make the students sensitive towards the social issues and their holistic development, the Department in collaboration with WORK foundation, Lucknow Chapter organized a visit to 'Samapran - An Old Age Home' situated in Adil Nagar, Lucknow on 27<sup>th</sup> September 2023.

The Department in collaboration with NSS, wing of Integral University, visited Junior High School, Behta to educate the students of Prathmik Vidhyalaya on 'How to Combat the Electrical Energy Waste at Home' on 22<sup>nd</sup> April 2024.





# Ph.D Orientation Program-2024







Left: Prof. S. Mishbahul Hasan, Prof. Javed Musarrat, Prof. Milind J. Umekar, Prof. S.W. Akhtar, Dr. Deependra Singh, Dr. Piotr Walczak







NIRF Ranking Proof

### **Achieving the 45th Position All Over India in NIRF Ranking by MHRD, Govt. of India:**

The Faculty of Pharmacy, Integral University, Lucknow, has been ranked 45<sup>th</sup> in the National Institutional Ranking Framework (NIRF) rankings by the Ministry of Human Resource Development. This achievement is a testament to the institution's commitment to excellence in education, research, and overall performance. The ranking is a result of the collective efforts of the faculty, students, and staff, highlighting the institution's focus on academic rigor, innovative research, and holistic development. The achievement boosts the institution's reputation and motivates it to continue striving for higher standards of education and research.

### **Two-day International Conference on: "Novel Paradigms in Pharmaceutical Sciences: An Approach for Healthier World":**

The Faculty held a two-day international conference on 9<sup>th</sup>-10<sup>th</sup>,

March 2024, focusing on novel paradigms in pharmaceutical sciences. The conference covered topics such as nanocarrier-mediated target drug delivery, new screening tools, drug safety, sustainable health, and drug designing for newer targets. The event attracted 440 delegates from around the world to discuss advancements in pharmaceutical sciences and their role in shaping a healthier future for health. The conference began with an inaugural session, attended by the Chief Patron and Chancellor, Prof. Syed Waseem Akhtar, and Vice Chancellor, Prof. Javed Musarrat. The conference also featured dignitaries, including the Chief Guest, Dr. Montukumar M. Patel, Guests of Honour, Dr. Deependra Singh, and Dr. Milind J. Umekar. The conference concluded with a valedictory session, attended by the Director of Council of Science and Technology, Uttar Pradesh. The winners of the conference received certificates and awards.

### **4<sup>th</sup> National Pharmacovigilance Week:**

National Pharmacovigilance Week, held from September 17<sup>th</sup>-23<sup>rd</sup>, 2024, focused on promoting awareness of adverse drug reaction (ADR) monitoring and reporting. Organized by the ADR Monitoring Centre at Integral University in collaboration with various institutes, this year's theme was "Building ADR Reporting Culture for Patient Safety." The week commenced with a walkathon on 17<sup>th</sup> September, 2024, where enthusiastic students and faculty engaged the community using banners and placards, fostering awareness about ADRs. The event, coordinated by faculty members, included participants from Pharmacy and MBBS programs. Additionally, an awareness session featured Prof. R. K. Dixit from KGMU, who emphasized the significance of Pharmacovigilance and discussed the challenges in ADR reporting along with potential solutions. Mr. Anoop Kumar, Senior Pharmacovigilance Associate, National Coordination Centre- (PvPI, Indian Pharmacopoeia Commission, Ministry of Health & Family Welfare, Government of India has discussed about 'Why and How to report ADRs'. Various



activities, including e-poster/ rangoli competitions and quiz, were organized throughout the week to further enhance understanding and commitment to patient safety in medication use.

#### **World Antimicrobial Resistance Awareness Week :**

World Antimicrobial Resistance Awareness Week (WAAW) is an annual event by the World Health Organization to raise awareness about global antimicrobial resistance. The Faculty of Pharmacy in India organized the event from 18th to 24<sup>th</sup>, November 2023, featuring various events. A poster presentation competition was held, with students Uzma Ali, Alkusha Naim, and Samreen Nikhat winning. A street play was performed in Behta, highlighting the role of pharmacists in preventing antimicrobial resistance. A rural awareness campaign was conducted in Bhakamau, with 25 Pharm. D. Students who distributed pamphlets sensitizing the public about proper antibiotic usage

#### **National Seminar:**

A seminar on “Preventing Antimicrobial Resistance Together” was held, with Prof. Syed A. Hashsham delivering a key note address on research aspects of antimicrobials.

#### **National Pharmacy Education Day as Pharma ANVESHAN 2024:**

The Pharmacy Council of India is implementing the National Education Policy, 2020, and sponsored the Faculty of Pharmacy at Integral University to celebrate “National Pharmacy Education Day 2024” on 6<sup>th</sup> March, 2024. The event aimed to bridge the gap between industry and academia within the existing Pharmacy Course Curriculum. 225 participants, including members from the pharmaceutical industry, faculty members, and students from seven pharmacy colleges, participated. Prof. Syed Misbahul Hasan, Dean of the Faculty of Pharmacy at Integral University, emphasized the importance of outcome-based education, vocational training, and student choice in choosing their discipline. Dr. Ravi Kumar Trivedi, Vice President and HOD of the BA-DMPK division at Zydus Research Centre, suggested curriculum design to make graduates industry ready through intermediate training.

#### **Field Visit of D.Pharm Students in Different Departments of Integral Institute of Medical Sciences and Research (IIMSR)**

D.Pharm second year students visited the Integral Institute of Medical Sciences and Research (IIMSR) in Lucknow to bridge the gap between theoretical knowledge and practical application. They visited key departments such as Outpatient, Inpatient, Blood Bank, Pathology, Diagnostic Centre, and Pharmacy. The experience provided a comprehensive understanding of the

healthcare system, patient interaction, and intricate processes within each department. Real-world scenarios emphasized the practical application of pharmaceutical knowledge and the importance of a collaborative and patient-centered approach in healthcare.

#### **Field Visit to National Botanical Research Institute (NBRI), Lucknow :**

The Faculty of Pharmacy at Integral University organized a field visit for D.Pharm. second-year students to the National Botanical Research Institute (NBRI) Lucknow. The students learned about herbarium techniques, herbal gardens, and their role in conserving and showcasing plant species, including rare and endangered ones. They also explored databases related to plant diversity and bioprospection, providing them with comprehensive information about plant species, their distribution, and potential applications in medicine. The visit provided students with a comprehensive understanding of pharmacognosy and botany, which will undoubtedly contribute to their academic and professional growth. The valuable insights gained will undoubtedly contribute to their academic and professional development.

#### **Old Age Home Visit by D.Pharm. students of Faculty of Pharmacy:**

The Faculty members and first-year students of D. Pharm. visited Aastha Health Resort in Mahanagar, Lucknow, UP, on 4<sup>th</sup> March, 2024, to understand the healthcare needs of the elderly population and the unique challenges they face. The visit aimed to foster empathy and compassion among students, emphasizing the role of pharmacists in geriatric care. Students engaged in conversations with elderly residents, listening to their life stories and experiences, and learned about the physical and psychological changes associated with aging. The experience instilled a deep sense of empathy, compassion, and respect for the elderly population, emphasizing the importance of person-centered care and the role of pharmacists in promoting their well-being. The knowledge gained will shape future practice, allowing students to provide holistic care and support to their geriatric patients.

#### **Student Induction Program “DEEKSHRAMBH”:**

The “DEEKSHRAMBH” Student Induction Program at Integral University, held from 1<sup>st</sup> to 3<sup>rd</sup> August, 2024, welcomed newly admitted Pharmacy students. The program commenced with an address by Prof. Syed Misbahul Hasan, highlighting the institution's mission and student support systems. Faculty introductions and discussions on placement processes followed. Day two included insights from the Proctorial Board and final-year students, along with documentary screenings on

the pharmaceutical field and human values. The day concluded with a guided campus tour. On day three, Dr. Mukhtar Azam Khan delivered a lecture on clinical development, followed by alumnus Mr. Farid Uddin sharing his career journey. The program featured cultural activities and a departmental facilities tour, concluding with remarks by Prof. Juber Akhtar.

#### **World Pharmacists Day 2024:**

The department organized the **World Pharmacists Day**, celebrating the theme “Pharmacists: Meeting Global Health Needs” on 25<sup>th</sup> September, 2024. The event included a floral welcome for guests and featured a Slogan Writing Competition coordinated by faculty and student volunteers. Prof. (Dr.) Syed Misbahul Hasan opened the program, emphasizing pharmacists' vital roles in healthcare. Expert lectures covered topics such as drug abuse by Prof. Zeba Aqil, patient counseling on vaccination by Mr. Awadhesh Kumar, and the importance of generic medicines by Dr. Uma Shanker. Participants took the Pharmacist Oath, affirming their professional commitment. Slogan competition winners were announced, with Ayesha Sarwar and Amaan Ahmad securing top prizes. The event also included a plantation drive and a health screening camp, attended by over 200 participants. With around 400 attendees, the event highlighted the importance of pharmacists in health and community engagement. Prof. Juber Akhtar concluded the day with a vote of thanks.

#### **Faculty of Pharmacy have bagged several patents in the field of Pharmacy:**

The department has achieved notable advancements through 8 different patents, showcasing its commitment to innovative

healthcare solutions. These include a device for measuring the analgesic and anti-inflammatory activity of synthetic compounds and a fully automatic centrifuge machine. Research on a composition of biochanin-A and metformin targets streptozotocin-induced diabetes, while a medical instrument facilitates transdermal insulin delivery. Other significant contributions include methods for preparing ursolic acid-loaded dendrimers for Alzheimer's treatment, a nanoemulsion formulation of retinol and alpha-tocopherol for Alzheimer's disease, and rutin and curcumin-based nanogels for acne vulgaris management.

#### **Refresher Course:**

The Human Resource Development Centre at Integral University, in collaboration with the Faculty of Pharmacy, has organized a Refresher Course on “Recent Trends in Technology for Drug Discovery and Development” starting 19<sup>th</sup> November, 2023. This course aimed to enhance the knowledge of educators in response to evolving educational demands. Featured speakers include Dr. Manish K. Chourasia from CSIR-Central Drug Research Institute, who has addressed challenges and regulatory aspects of drug development, and Prof. Wahajul Haq, discussed the future of biologics. Additionally, Dr. Shashyendra Singh Gautam have presented on LC-MS/MS bioanalytical methods, while Dr. Andleeb Khan and Dr. Mohemmed Faraz Khan have explored the advancements in Alzheimer's research and computer-aided drug design, respectively.



Two days International Conference organised by Faculty of Pharmacy, entitled “Novel Paradigms in Pharmaceutical Sciences: An Approach for Healthier World”



# University Polytechnic, Lucknow



The University Polytechnic in Lucknow aspires to maintain its status as a source of extensive information and comprehension. The founding stone of the campus was laid with a vision of creating a team of enormously talented students who would dominate the technical world with their in-depth practical expertise.

To channel their energy into creative endeavors, our campus has continuously encouraged the students to participate in the academic and extracurricular activities actively. The accomplishments of colleagues and students are a sign of excellence for any institution and a source of pride for the head of the institution.

The University Polytechnic offers programs in various disciplines- Diploma in Architecture, Diploma in Civil Engineering, Diploma in Civil (Construction Management & Safety) Engineering, Diploma in Computer Science & Engineering, Diploma in Communication & Computer Networking, Diploma in Electronics Engineering, Diploma in Electrical Engineering, Diploma in Mechanical (Automobile) Engineering, Diploma in Mechanical Engineering. Diploma in Engineering is a three-year (6 semesters) course meant for High School passed outs.

Besides these regular programs, there are some other short-term courses/ vocational courses, offered by the University Polytechnic- Certificate Programs in Two Wheeler Technician (in association with Yamaha approved by ASDC), Certificate of Electrician, CCC, COPA, Certificate in Surveying, Certificate in Welding o Certificate in Carpentry etc..

The session 2023-24 witnessed around 13 placement activities which included companies like Rane NSK Limited, Ahmedabad, Edge Architects, Lucknow, Hitachi Air-Conditioning Ahmedabad, KP Reliable Technique India Pvt. Ltd. Gurgaon, Vikas Group





Faridabad, Vishakha Glass Solar, Krishna Maruti Limited Gujarat etc. including placements of around 100+ students.

### 1. School Engagement:

- Building upon the success of last year, visits to 56 schools will remain a pivotal aspect of our strategy. These visits will continue to focus on fostering relationships with school authorities.
- The Department's commitment to broadening our reach for the academic year 2024-25 is exemplified by the addition of more schools in the Barabanki region and Mahmudabad (Sitapur District) to our network.
- Additionally, the University Polytechnic initiated Career Counseling Sessions and Data Collection efforts in these schools of Lucknow, Barabanki and Mahmudabad to tailor our admissions approach effectively.

### 2. Flash Advertisement on AMP World App:

- A general advertisement for a Diploma in Engineering courses was posted at the AMP (Association of Muslim Professionals) World app through a flash on 25<sup>th</sup> March, 2024.
- Flash contains all the relevant information of the running courses under Diploma in Engineering, Integral University, Lucknow.
- The motive of this activity is to circulate our program at the national level through the AMP World App as this platform covers a large number of students nationwide. Moreover, a Google form link is also attached to clear any ward's query

as soon as possible.

### Extension Activities:

#### • Poetry Competition "Enchantment in Verse":

The Extension Activity Club of University Polytechnic successfully organized the "Enchantment in Verse" poetry competition on the occasion of World Poetry Day on 21<sup>st</sup> March, 2024. The competition aimed to celebrate the art of poetry and provide a platform for students to showcase their creative talents. Approximately 50 poets from the university community enthusiastically participated in the competition, submitting their original poems in Hindi, English, and Urdu. The diverse range of submissions reflected the rich tapestry of linguistic and cultural expression within the university. After careful deliberation, the judging panel selected the top three poems based on their creativity, imagery, and emotional resonance. These poems captivated the essence of poetry and demonstrated the depth of talent among the participants.

#### • Guest Lecture on "Forgotten Fitness":

The Extension Activity Club of University Polytechnic successfully hosted an online guest lecture on "FORGOTTEN FITNESS" on the occasion of World Health Day on 7<sup>th</sup> April, 2024. The lecture aimed to raise awareness, educate, and inspire individuals to prioritize their health for a healthier future. The event featured by Ms. Sariya Ansari, a renowned fitness coach from Active Lifestyle Club, Lucknow, as the guest speaker. With the participation over 50 staff members and students in attendance, the seminar proved to be highly engaging and

Outreach activities conducted by University Polytechnic.



Presenting mementos to principals from various schools in Lucknow



informative. Ms. Ansari delivered a comprehensive presentation, sharing valuable insights and information on the topic of "Forgotten Fitness". Enthusiastic students and faculty members along with Dr. Intezar Mahdi, Principal of University Polytechnic, participated in the guest lecture, which was led by the Faculty members Mr. Anas Mirza Baig, Mr. Shakibul Haq, Ar. Amreen, Dr. Hiba Haroon and Mr. Usama Kidwai.

• **Event on “Campus Bird Count”:**

As a part of Bird Count India's initiative to conduct Great Backyard Bird Count (GBBC), Integral University, under the Aegis of Dean, Students' Welfare organized a Campus Bird Count (CBC) 2024 at its two campuses i.e. Main Campus (Phase-I) and newly acquired Campus (Phase-III) in collaboration with Bird Enthusiasts from the Department of Environmental Science and University Polytechnic. This annual Campus Bird Count is a coordinated effort to survey bird life on several university campuses across India, including educational and training institutions for Bird Count India. In this connection, two fascinating Bird Walks for Bird Species Counts were organized on 17th and 19th February 2024 at Phase-III and Phase-I respectively. The events commenced with an informative briefing by the coordinators, setting the stage for an exciting bird walk followed by fascinating facts about birds and identification pointers by Prof. M. A. Khalid along with Dr. Intezar Mahdi, who shared his childhood experiences of birds adding to the educational aspect of the event.

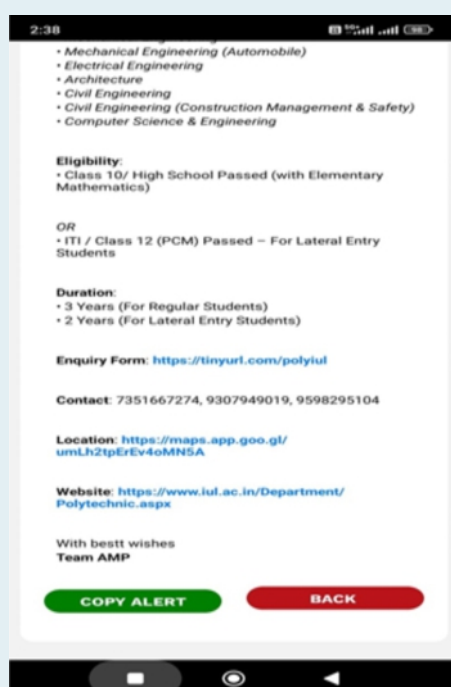
• **Seminar on “Talk to Your Bike”:**

The Department of Mechanical Engineering (Automobile) of University Polytechnic, Integral University, Lucknow, organized a

seminar entitled ‘Talk to your Bike’ on 14<sup>th</sup> October 2023. This seminar was organized to increase awareness about the engineering behind the working of the two-wheeler vehicles. This seminar was conducted in the Yamaha Training School of the University Polytechnic to provide participants the exposure to the state-of-the-art facilities available there. Participants from all over the university as well as from outside the university enthusiastically participated in the event. The program was started by a welcoming speech delivered by event convener, Mr. Mohd. Majid Khan, Head, Department of Mechanical Engineering (Automobile). Following the welcome speech, he interacted with the participants and conducted the seminar delivering insight into the two-wheeler automobiles. After the seminar and discussions, Co-Convener of the event Mr. Anas Mirza Baig, (Lecturer, Department of Mechanical Engineering (Automobile), gave the participants a tour of the Yamaha training school, showing them the equipment and facilities available.

• **World Habitat Day “Archiphoria”:**

To celebrate ‘World Habitat Day’, the Diploma in Architecture department in association with the extension activity club of University Polytechnic, Integral University, Lucknow, organized a three-day long series of events from 9<sup>th</sup> to 11<sup>th</sup> October 2023. The theme of the events was chosen to allow students to showcase and refine their talents as well as to enjoy their academic life by participating in fun activities. It included a group of Events like Face Painting, Mehndi Design, Tattoo Making, Rangoli Design, Ring Toss and Hand Foot Challenge, Paper Dressing, Talent Show, Just a Minute, Best Out of Waste, Debate Competition, Escape Hunt and Showcase Your Talent which ended with a





# Sewing Machine Distribution



Sewing Machine Distribution Program at Integral University



Sewing Machine Distribution Program at Integral University by Mr. Ashish Tiwari, Head Raymond Tailoring Institute, ITI, Aliganj, Lucknow



# Smartphone Distribution Ceremonies

at Integral University Under Swami Vivekananda Yuva Sashaktikaran Yojana



Smartphone Distribution by the Hon'ble Chancellor Sir

As part of the Swami Vivekananda Yuva Sashaktikaran Yojana by the Government of Uttar Pradesh, the Examination Cell at Integral University organized smartphone distribution ceremonies on March 11, 13, 15, and 16, 2024. These events marked a significant step in the initiative to provide students with access to digital resources and further their educational journey.

- On March 11, 2024, the event was graced by the Hon'ble Chancellor & Founder Integral University Prof. S.W. Akhtar, who attended as the Chief Guest, in the esteemed presence of the respected Vice-Chancellor, Prof. Javed Musarrat and Registrar, Prof. Mohd Haris Siddiqui.
- On March 13, 2024, Hon'ble Member of Rajya Sabha Shri Sanjay Seth was the Chief Guest, in the august presence of Hon'ble Pro-Chancellor, Dr. Syed Nadeem Akhtar adding to the significance of the occasion.
- The ceremonies on March 15 and 16, 2024, were honored by the presence of Shri Yogesh Shukla, Member of the Legislative Assembly, Uttar Pradesh, Bakshi Ka Talab, and Shri Sakendra Pratap Verma, Member of the Legislative Assembly, Kursi, Lucknow respectively.



Smartphone distribution at Integral University by Shri Sanjay Seth, Rajya Sabha Member





# Integral University Sports Academy



Dr. Mohd. Zafar, Director, Sports; Mr. Dependra Kamthan, Joint Secretary, UPTTA; Dr. Syed Nadeem Akhtar, President, Lucknow District Table Tennis Association; Mr. P. K Jain, Treasure, UPTTA & Mr. N.K Lahiry, Secretary, LDTTA at Integral University, Sports Ground









# Swachhta Abhiyan-2024



# Yoga Day-2024







WELCOME TO THE WORLD OF  
**EXCELLENCE**



STUDY IN A  
**TRULY GLOBAL  
UNIVERSITY**  
WITH STUDENTS  
FROM AROUND  
**THE WORLD**



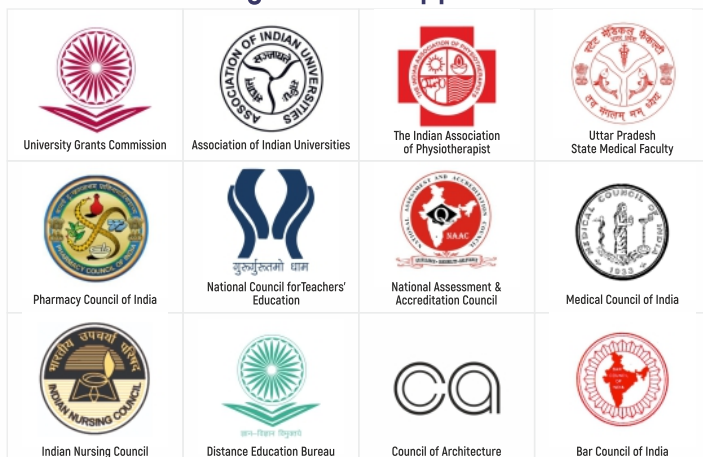


Engineering	Science	Architecture	Pharmacy	Nursing	Law
Agriculture	Commerce	Library Sc.	Medical Sc.	Education	Management
Design	Planning	Humanities	Social Sc.	Mass Comm	Polytechnic

At Integral University, every effort is put in so as to make the admission process smooth and expeditious with the Directorate of Admissions and Academics to help in the selection and admission process. Our dedicated team of Qualified Counsellors and Counselling Staff are available at the IU campus to address any admission related query and play a pivotal role in guiding students to choose the appropriate program. Since it concerns the 'course' of their life and careers, the Counsellors in the directorate are geared towards helping students and their parents in choosing the right course that best suits the student's interest, passion and final goals.

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