



**INTEGRAL
UNIVERSITY**
LUCKNOW - INDIA



INSPIRING EXCELLENCE

Newsletter

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VOL. 6 NO. 3, OCTOBER 2023

CHIEF PATRON

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FOUNDER AND CHANCELLOR,
INTEGRAL UNIVERSITY

PATRON

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PRO-CHANCELLOR,
INTEGRAL UNIVERSITY

PATRON

PROF. JAVED MUSARRAT

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INTEGRAL UNIVERSITY

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Dear readers,

It is indeed a great honor to welcome to "University Newsletter, October 2023 Edition".

With a deep sense of humility I take on the responsibility of editing the campus news, off-campus events and initiatives that are essentially founded on four pillars of sustainability: Human, Social, Economic, and Ecological. The Newsletter at hand makes you feel the pulse of the academia, as it exhibits institutional dynamics, huge success of aspiring colleagues, visits by prominent figures from India and abroad to the University and more importantly the activities and wonders of the students during the past one year.

Also, the pages bring in the exciting fields of study and provide guidelines for the reordering of the priorities which have been far away from the current dominant global paradigm. The placement opportunities, possibilities of initiation and participation in research projects through research centers are among the major highlights of this annual. To coordinate and promote its various activities, the University has a number of overseas counselling centers, academic advisors and has entered into joint academic agreements with several universities and centers.

Self - evidently, Integral is the Land of Opportunities and Self- Discipline, A Guide to living through sustained efforts. "Impossible" to Integralities is just a big word thrown around by small men.

The Caravan is moving ahead to reach the pinnacle of information, quality and diversity that showcase the vibrant tapestry of our culture and make India truly incredible. Thanks to our Patrons, Prof.S.W. Akhtar, the Founder & Chancellor ; Dr.Syed Nadeem Akhtar, Pro - Chancellor; Prof. Javed Musarrat, the Vice Chancellor ; Mr. Syed Fauzan Akhtar, the Executive Director, (IIMSR, IIAHSR, IINSR) ; Mr.Adnan Akhtar , the Executive Director, International affairs ; Prof. Mohammad Haris Siddiqui, the Registrar; etc. for sharing their valuable messages.

Also, we acknowledge our esteemed colleagues for the much - needed contributions they shared, and the Editor for the support throughout the creation of this edition, and making this worth - reading, informative and self - expressive. Here, I conclude the lines with the quotation by Francis Bacon, the Father of Essays, who has wisely advised the universal readership: "Read not to contradict and confute, nor to believe and take for granted, not to find talk and discourse, but to weigh and consider". Hope you enjoy reading!

As always, we very much welcome your suggestions for new developments, and feedback on any aspects of the edition. We can be reached at newsletter@iul.ac.in.

Regards

Prof. H.M.Arif Nadvi

Head

Languages, Integral University, Lucknow



Prof. H.M. Arif Nadvi
Editor - in- Chief

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

He presided over Foundation Day celebration of Integral University on 3rd November, 2022.

Presided over "Dr. Shamim Nikhat Urdu Fiction Award 2022", held on 12 November, 2022, at Kaifi Azmi Academy Nishat Ganj, Lucknow.

Presided over Indo - Uzbek Meet & International Conference on Trends & Innovations in Food Technology (TIFT-2022) on 24 & 25 November, 2022, organized by the Department of Bioengineering, Integral University and co-organized by the Chemical Technology Institute Tashkent, Uzbekistan.

He presided over 7th Constitution Day, organized by the constitutional law society, Faculty of Law, Integral University, Lucknow. (Hon'ble Justice Shamim Ahmad Lucknow Bench was the chief guest).

He attended the felicitation program of Association of Muslim Professionals under the head "NTS-2022 Toppers", as a Chief Guest at Lajpat Bhawan Auditorium, Moti Jheel, Kanpur on 5th February, 2023.

He attended "Unani Day" on 11th February, 2023, as a Guest of Honour, organized by the Unani Scholars Association (USA) at Hotel Regnant Nirala Nagar, Lucknow.

Presided over the function "FIESTA 2023" organized at Integral University from 17th to 19th March, 2023.

John Murphy, President Coca Cola Group visited at Integral University Lucknow, on 27th March, 2023, Hon'ble Chancellor was the Chief Guest of the function.

He attended "Golden Jubilee" program of U.P. Urdu Academy, on 17.06.23, as a Chief Guest, and he presided over the Graduation Day Ceremony 2023, for international students, held on 15/07/23 at Integral University.

A delegation from KMU- Kyrgyzstan, visited Integral University, on 22nd August 2023, and the meeting was presided over by Hon'ble Chancellor, Integral University.

The Orientation Program of the University was presided over by Hon'ble Chancellor, on 24th August, 2023.



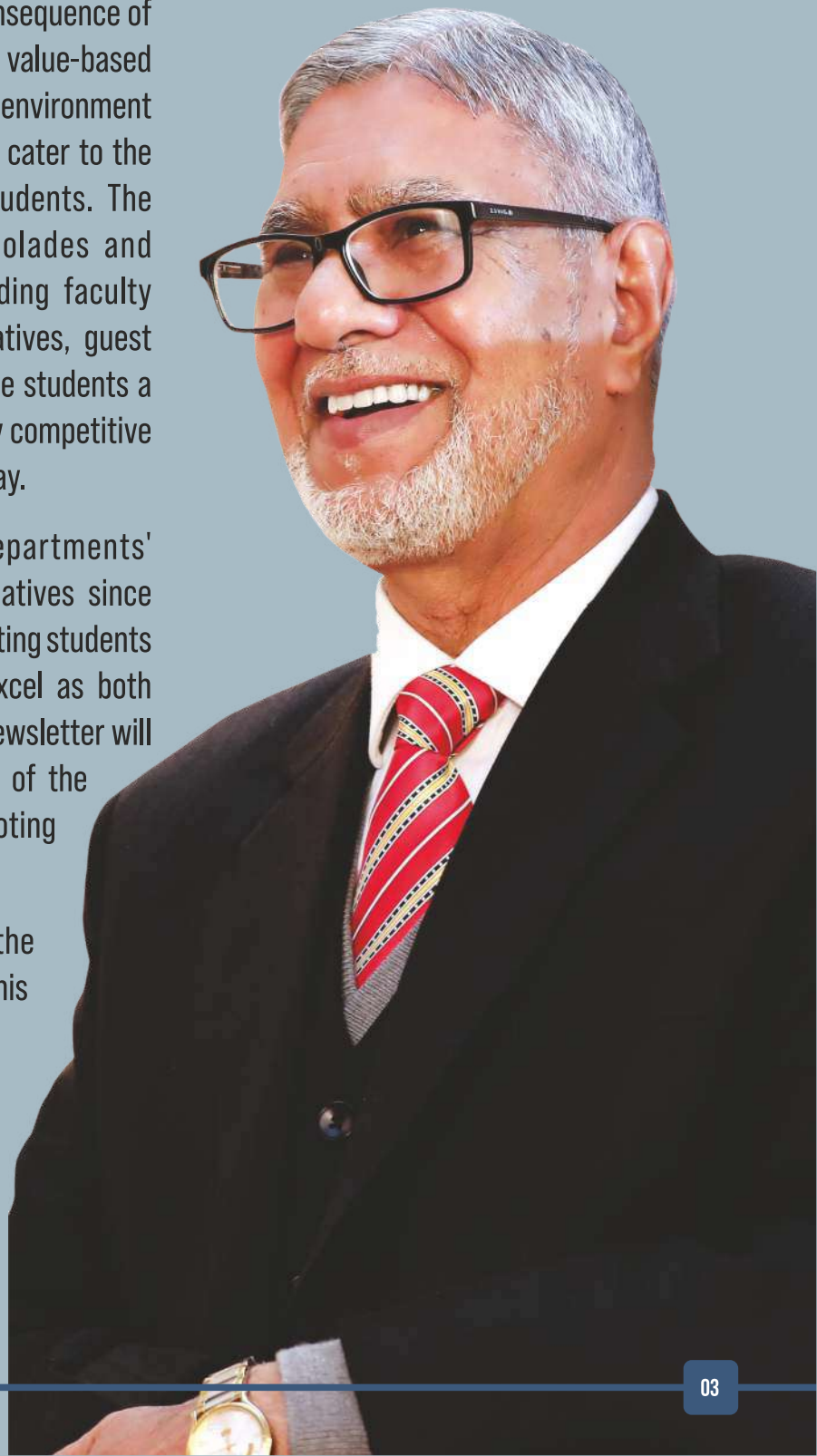
Message from Founder & Chancellor

Integral University has gained prominence and is now regarded as one of the premier universities in the nation, accredited by NAAC with an A+rating, as a consequence of its high-quality education and commitment to value-based research. The university offers a conducive environment for the departments to organize events that cater to the physical and mental well-being of the students. The newsletter is a testament to the accolades and accomplishments of the university, including faculty recognitions, research and innovative initiatives, guest lectures, seminars, and conferences that give students a well-rounded education giving them a healthy competitive spirit in the constantly globalizing world of today.

I look forward to reading about the departments' accomplishments and student-friendly initiatives since they adhere to the university's vision of educating students to become well-rounded individuals who excel as both professionals and citizens. The university's newsletter will undoubtedly become a must-read chronicle of the university's events and happenings, promoting intellectual interaction.

I would like to express my blessings to the editorial team for working diligently to make this publication a reality.

[Prof. S.W. Akhtar]



Message from Pro-Chancellor

It is with great pleasure that I extend my warmest greetings to all of you in this edition. The University Newsletter, a vibrant mosaic of academic accomplishments, student achievements, and campus happenings, offers a window into the dynamic and enriching world of our institution. As we navigate the ever-evolving landscape of higher education, it is essential that we stay connected and informed about the latest developments, achievements, and initiatives within our Institution.

Integral University is a thriving and vibrant academic institution with a hallmark of diversity and Inclusivity. At the University, we firmly believe that our diversity is our strength. Our community is a tapestry of different backgrounds, cultures, experiences, and perspectives. This rich diversity is not only something we cherish but a foundation upon which we build our academic excellence. Inclusivity is not a buzzword here; it's a commitment we uphold.

We strive to create a campus where every voice is heard, every identity is respected, and every individual feels a true sense of belonging. It is in this environment of inclusivity that our students and faculty can flourish, learn, and contribute their best. Integral University is a place where diversity is not just embraced but celebrated. Together, we are building a brighter future, one that celebrates differences and thrives on the strength of unity.

I encourage all of you to stay engaged and involved in the life of our university, and to share your thoughts, ideas, and aspirations with us. Your input is invaluable as we work together to shape the future of Integral University. I express heartfelt thanks to the editorial team of for their hard work and dedication in creating informative and engaging content.

Regards

[Dr. Syed Nadeem Akhtar]



Message from Vice-Chancellor

Integral University is committed to providing a multicultural perspective that inspires critical thinking, exploration, inquiry, analysis, innovation, and thriving in their chosen careers. To achieve this arduous task, we at Integral are armed and equipped with the required abilities and capacities to impart advanced education in contemporary fields to produce graduates, post-graduates, and researchers, enriched with both theoretical and practical knowledge of newer technologies and skills.

From its humble beginning in 2004, Integral University has flourished into a strong and influential institution. One of the significant achievements is the prestigious NAAC accreditation with an impressive A+ rating. Our global reach spans over 30 nations, establishing us as a prominent private institution offering high-quality education and research. We go beyond degrees, instilling essential human values and equipping students with real-world skills. The dedicated faculty and staff of the university ensure all-around student development, nurturing their talents in literature, creativity, and sportsmanship.

Future belongs to those who can build a strong foundation with the quest for in-depth knowledge, and skills and are primed to dive deep to harvest the pearls of success against all odds. Therefore, we foster fertile minds for professional and personal success and prepare them to confront the challenges of the real world with self-confidence, pride, and dignity, all while nurturing qualities of erudition, scholarship, mutual tolerance, and universal brotherhood. These attributes empower our graduates to make significant contributions to the ongoing process of nation-building. Congratulations to the editorial team for the good work on this Newsletter.



[Prof. Javed Musarrat]

Message from Registrar



INTEGRAL UNIVERSITY
इंटीग्रल विश्वविद्यालय

Approved by the University Grants Commission under Sections 2(f) and 12B of the UGC Act, 1956, MCI, PCI, IAP, BCI, INC, CoA, NCTE, DEB & UPSMF. Member of AIU. Recognized as a Scientific & Industrial Research Organization (SIRO) by the Dept. of Scientific and Industrial Research, Ministry of Science & Technology, Government of India.



MESSAGE

The university has been constantly adding golden lines significantly by way of its academic excellence, state-of-the-art infrastructural facilities and welfare activities in its history for the last more than 19 years. It has been opening pioneering and paramount doors for its students to touch the pinnacle in all spheres of life.

It is not hyperbolic to mention that the university has added many fresh programs during the academic year 2023-2024 as per the need of the present era, which will certainly be helpful to its Ph.D. and P.G. students in entering into specific areas of growth by way of their excellent performance. The university has also been organizing workshops, seminars and symposiums sporadically for augmentation of knowledge and wisdom among students, so that they may be able to make themselves ready to compete in job market.

I am overwhelmed to expose that the Department of Languages will be releasing a 'News Letter-2023' encompassing all topics and events and would further like to extend heartfelt congratulations to the Chief Editor, the Head of the Department of Languages and all of its staff members, who have provided unwavering support and cooperation in completing this significant task.


(Prof. Mohammed Harris Siddiqui)
Registrar

Message from Executive Director

Integral Institute of Medical Sciences & Research (IIMSR)

Integral Institute of Allied Health Sciences & Research (IIAHSR)

Integral Institute of Nursing Sciences & Research (IINSR)

Integral University, Lucknow

I am delighted to extend my warmest greetings to each one of you as we step into a new academic year filled with exciting possibilities and aspirations. As the Executive Director of the Integral Institute of Medical Sciences and Research, it is both an honor and a privilege to be a part of this esteemed institution.

At Integral University, we stand at the forefront of innovation, committed to fostering excellence in medical education and research. Our dedicated faculty, passionate students, and supportive staff are the driving force behind our continued success. Together, we have created a vibrant learning environment where knowledge knows no bounds, and creativity finds endless avenues.

In the upcoming year, we are geared towards further enriching our academic programs, enhancing research initiatives, and strengthening our collaborations with renowned institutions worldwide. Our focus remains steadfast on nurturing not just skilled professionals, but compassionate healers and visionary researchers who will make significant contributions to the healthcare industry and society at large.

I encourage each one of you to actively engage in the diverse opportunities Integral University offers. Let us embrace the challenges ahead with enthusiasm and determination, knowing that every obstacle is a stepping stone towards greater achievements.

I invite you to stay updated with our latest developments, research breakthroughs, and inspiring student stories through Newsletter of the university. It serves as a testament to our collective efforts and the remarkable journey we undertake together.

I am confident that with your unwavering support and dedication, the Integral university will continue to shine brightly on the global stage.

Wishing you all a successful and fulfilling year ahead.



Mr. Syed M. Fauzan Akhtar

Message from Executive Director

Directorate of International Affairs, Integral University

It is with great pleasure that I extend my warm greetings to each one of you through the pages of our university's News Letter Magazine, skillfully crafted by the Department of Language. As the Executive Director of the Directorate of International Affairs, it brings me immense pride to witness the vibrant tapestry of global engagement woven into the fabric of Integral University.

In today's interconnected world, fostering international collaborations is not just a choice but a necessity. Our commitment to providing a holistic and globally relevant education is reflected in the partnerships we forge and the diverse opportunities we offer to our students. These collaborations transcend geographical boundaries and contribute to the development of well-rounded individuals prepared to face the challenges of the ever-evolving global landscape.

I encourage you to explore the enriching articles and features in this edition, which highlight the strides we have made in promoting internationalization, academic excellence, and cultural diversity. Together, let us continue to build bridges that connect minds, ideas, and experiences, creating a learning environment that knows no bounds.

Thank you for your unwavering support, and I look forward to witnessing the continued growth and success of Integral University on the international stage. I congratulate the Editorial Board of this News Letter who have played wonderful role in accomplishing the task in Record time.

Warm regards,

[Syed Adnan Akhtar]



Accomplishments and Engagements of Prof. Javed Musarrat, Hon'ble Vice-Chancellor



Annexure

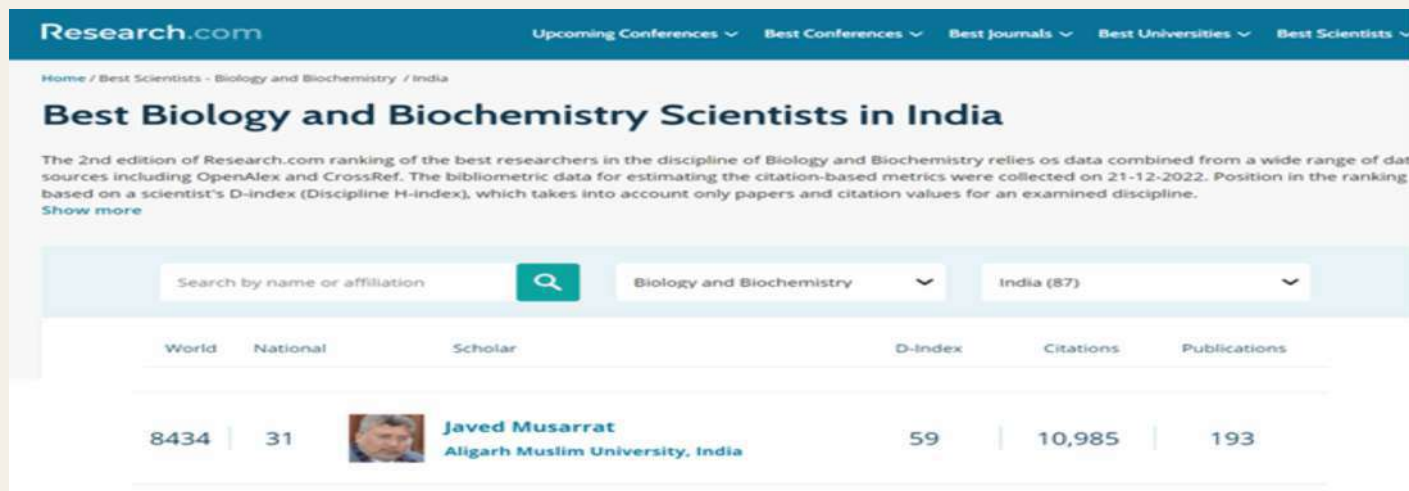
Highlights of the Accomplishments and Engagements of Prof. Javed Musarrat, Hon'ble Vice-Chancellor during the Academic Session 2022-23

AWARDS AND RECOGNITIONS

" Prof. Javed Musarrat, Hon'ble Vice-Chancellor ranked by AD World Scientist and University Rankings 2023 and Research.com ranking of the best researchers in the discipline of Biology and Biochemistry (2nd Edition-2022)

Alper-Doger Scientific Index World Scientists Ranking 2023

AD Scientific Index		Rankings for Scientist University, Subject, Country, Region, World		World Scientist and University Rankings 2023			
				Aligarh Muslim University			
				Javed Musarrat			
				In Aligarh Muslim University (228)	In India (73212)	In Asia (360754)	World (1258905)
				Rankings			
		Total H	60	#4	#239	#3750	#37147
		Last 5 year H	49	#5	#186	#2835	#20845
		Last 5 year H / total H	0.817				
		Total i10	157	#8	#703	#6079	#39599
		Last 5 years i10	137	#8	#405	#4265	#25474
		Last 5 years i10 / Total i10	0.873				
		Total Citation	11882	#7	#518	#6266	#59859
		Last 5 years Citation	8041	#7	#385	#4917	#37643
		Last 5 years Citation / Total Citation	0.677				
		Medical and Health Sciences *		#1 (33) *	#31 (3748) *	#379 (23639) *	#6189 (109633) *
		Microbiology *		#1 (3) *	#4 (291) *	#15 (1057) *	#218 (3165) *
		www.adscientificindex.com					
		Date : 05.01.2023 * Source and Methodology: https://www.adscientificindex.com/scientist.php?id=342321					



MEMBER OF DRAFT COMMITTEES, UP HIGHER EDUCATION DEPARTMENT GOVT. OF UP

1. Member of the draft committee for developing Guidelines for Curriculum and Credit framework for undergraduate programmes as per NEP 2020, constituted by the UP State Hr. Education Department Section-3, Govt of UP vide OM 109/seventy-3-2023-08 (20)/2022 dated 12-01-2023.
2. Member of the draft committee for developing draft policy for Online Course Mapping and Credit Transfer as per NEP 2020, constituted by the UP State Hr. Education Department, Section-3, Govt of UP vide OM 116/seventy-3-2023-08 (19)/2022 dated 13-01-2023.
3. Member of the draft committee for developing draft policy for Multidisciplinary and Cluster Policy as per NEP 2020, constituted by the UP State Hr. Education Department, Section-3, Govt of UP vide OM 117/seventy-3-2023-08 (19)/2022 dated 13-01-2023.

A GLIMPSE OF SOME IMPORTANT EVENTS ATTENDED:

1. Keynote Speaker in the Valedictory Session of "India's Policies & Prospects to Achieve Sustainable Development Goals" organized by the Faculty of Law on 26th July 2022.
2. Chief Guest in the National Seminar on "Intellectual Property Rights" organized by Central Council for Research in Unani Medicine, Ministry of Ayush, Government of India at the Central Research Institute of Unani Medicine, Lucknow on 30th August 2022.
3. Distinguished Speaker at the Inaugural Session of the Orientation Program-2022 of Integral University on 12th Sep. 2022.

Hon'ble Brijesh Pathak, Deputy Chief Minister, Uttar Pradesh was the Chief Guest of the program.



4. Distinguished Speaker in the 3rd Tech. VC Conclave on "NEP 2020: A New Normal in Technical Education" organized by VTU Belagavi in collaboration with AICTE, New Delhi and Government of Karnataka on 15th Sep. 2022.
5. Keynote Speaker and Patron at the Inaugural Session of "Startup Conclave



2022" hosted by the Centre for Incubation & Entrepreneurship Development (CIED) in association with U.P. Electronics Corporation Limited on 1st November 2022

The following have attended as dignitaries and eminent speakers -

- " Mr. Abhishek Tiwari, Special Advisor, UP IT
- " Ms. Aparna Mishra, Entrepreneur & Philanthropist
- " Mr. Manish Sinha, General Manager, SIDBI, Lucknow Region
- " Mr. Byomkesh Mishra, Co-Founder, Medha Foundation



- " Mr. Sachin Sahni, Founder, KEEROS
- " Mr. Abhishek Tiwari, Advisor, Startup India, KPMG
- 6. Keynote Speaker and Co-Patron at the Inaugural Session of the Indo-Uzbek Meet & International Conference on "Trends and Innovations in Food Technology" organized by the Department of Bioengineering on 24th Nov. 2022.



- 7. Keynote Speaker and Co-Patron at the 7th Constitution Day organized by the Faculty of Law on 26th November 2022.

The following have attended as dignitaries and eminent speakers -

- " Prof. Syed Waseem Akhtar, Hon'ble Founder & Chancellor, Integral University.
- " Dr. Syed Nadeem Akhtar, Hon'ble Pro-Chancellor, Integral University.
- " Hon'ble Justice Shamim Ahmed, Judge, Allahabad High Court, Lucknow Bench
- " Mr. Neeraj Kumar, Director I/C, Rashtriya Raksha University, Lucknow Campus
- 8. Keynote Speaker and Patron at the Inaugural Function of DST-STUTI sponsored Training Program on "Advanced Molecular Biology Techniques" organized by the Department of Biosciences on 01st December 2022.



The following have attended as dignitaries and eminent speakers -

- " Prof. Syed Waseem Akhtar, Hon'ble Founder & Chancellor, Integral University.
- " Dr. Syed Nadeem Akhtar, Hon'ble Pro-Chancellor, Integral University.

- " Dr. Jayant Krishna, Chief Executive Officer, Foundation for Advancing Science & Technology, New Delhi
- " Prof. Mohd. Akram, Jamia Hamdard University, New Delhi
- 9. Speaker and Co-Patron at the Newsletter Releasing Ceremony organized by the Department of Languages on 15th Dec. 2022.

The following have attended as dignitaries and eminent speakers -

- " Prof. Syed Waseem Akhtar, Hon'ble Founder & Chancellor, Integral University.
- " Dr. Syed Nadeem Akhtar, Hon'ble Pro-Chancellor, Integral University.
- " Mr. Danish Azad, Minister of the State for Minority Welfare, Waqf & Haj, U. P.
- 10. Graced the Technical Event "Param Nirman-Working Model Making Competition" organized by the Department of Civil Engineering on 17th December 2022.
- 11. Invited Lecture on "Nanotoxicology and Toxicogenomics : an Overview" as Visiting Professor to King Saud University, Riyadh, KSA on 29th January 2023.



- 12. Invited Lecture on "Bioinformatics Analysis of Phylogenetic Similarities" as Visiting Professor to King Saud University, Riyadh, KSA on 31st January 2023.





13. Keynote Speaker at the Inaugural Session of the National Conference on "Education and Development Empowering and Uplifting the Underprivileged" organized by the Alliance for Education and Economic Development of the Underprivileged (AEEDU) and Integral University on 29th April 2023.

The following have attended as dignitaries and eminent speakers -

- " Prof. Syed Waseem Akhtar, Hon'ble Founder & Chancellor, Integral University.
- " Lt. Gen Zameer Uddin Shah - Former Deputy Chief of Army Staff & Ex. Vice Chancellor, Aligarh Muslim University, Aligarh
- " Mr. Shahid Siddiqui, Former MP & Editor Nai Duniya
- " Dr. S. Y. Quraishi - Former Chief Election Commissioner of India
- " Dr. K. Rahman Khan - Former Union Minister of Minority Affairs and Ex-Deputy Chairman of Rajya Sabha.



MEETINGS WITH EMINENT ACADEMICIANS

1. Virtual Meeting with the Chairman, UGC, Chairperson, NCVET and Vice-Chairman AICTE to deliberate on the smooth implementation of National Higher Education Qualifications Framework (NHEQFs) in HEIs on 26th July 2022.
2. Planning meeting on NEP-2020 with Dr. Dinesh C. Sharma, a representative of Uttar Pradesh State Higher Education on ABACUS-UP, on 29th July 2022 at VC Secretariat, Integral University.
3. Performance Review Meeting with Prof. Hamid Ali, Former Dean, Faculty of Engineering & Technology, AMU, Aligarh on 29th July 2022 at VC Secretariat, Integral University.



4. Collaborative and Project Planning Meeting with Dr. Quaiser Saquib, Ph.D., FSES, Coordinator DNA Research Chair, College of Sciences, King Saud University on 04th Aug. 2022 at VC Secretariat, Integral University.
5. Status Update meeting with Prof. Abir Bandopadhyay and Ar. Yashyant Pitkar, Experts, High-Powered Team of Council of Architecture on 05th August 2022 at VC Secretariat, Integral University.
6. Planning Meeting with Mr. Sudhir Mahadeo Bobde, Principal Secretary, U.P. Higher Education Department on 13th Sep. 2022 at the Secretariat, UP Government.
7. Meeting with a high-powered delegation and delivering Introductory remarks on 01st Dec. 2022.

The following have attended as dignitaries -

- " Prof. Syed Waseem Akhtar, Hon'ble Founder & Chancellor, Integral University.
- " Dr. Syed Nadeem Akhtar, Hon'ble Pro-Chancellor, Integral University.
- " Prof. Najeeb Jung, Former Lieutenant Governor of Delhi
- " Dr. S. Y. Quarishi, Ex. Chief Election Commission of India
- " Mr. Shahid Siddiqui Ex. MP & Editor Nai Duniya
- " Prof. Sayeed Sherwani, Ex. MP
- 8. Collaborative meeting with Dr. Shahab-Uddin Khan, Hamad Medical Corporation, Academic Health System, Doha, Qatar on 12th May 2023 at VC Secretariat, Integral University.



9. Performance Review Meeting with Prof. Somenath Biswas, Former Professor, IIT, Kanpur on 16th May 2023 at VC Secretariat, Integral University



MEETINGS WITH INTERNATIONAL ACADEMICIANS

1. Meeting with Mr. John Murphy, President and Chief Financial Officer, the Coca-Cola Company Limited during his visit to Integral University on 27th March 2023 to deliver a talk on "Indian youth and its role in shaping the global economy".
2. Meeting with Mr. Muhammad B. S. Jallow, the Vice-President of the Republic of the Gambia at his office on 21st July, 2022.
3. Meeting with Dr. Boglarka Koller, Vice-Rector for International Affairs and Dr. Tibor Bíró, Dean, Faculty of Water Science, University of Public Services, Budapest, Hungary and signed an MoU.
4. Meeting with Dr. Lukacs Eszter at Szechenyi Istvan University, Szechenyi Egyetem, University of Gyor, Hungary on 8th June 2023 and signed an MoU.



Dr. Nida Fatima,

Deputy Director, Centre for Incubation and Entrepreneurship Development



Dr. Nida Fatima: Deputy Director, Centre for Incubation and Entrepreneurship Development and Assistant Professor, Department of Bioengineering

Dr. Nida Fatima has a doctorate in the field of Bioengineering and is serving Integral University in a dual role as the Deputy Director of the Centre for Incubation and Entrepreneurship Development and an Assistant Professor in the Department of Bioengineering. Her research focused on the study of cyanobacterial phytochemicals as a potent source of UV protectants and has shown significant medicinal and therapeutic effects. Her dedication and scholarly acumen are underscored by her academic achievements, as she secured silver medals during both her Bachelor's and Master's programs in Biotechnology.

Dr. Fatima's research journey has been marked by significant contributions. She worked on a pivotal project at CSIR, National Botanical Research Institute, under the guidance of Dr. P.K. Trivedi. Her project, titled "Differential Expression Analysis of DXS [1-Deoxy-D-Xylulose-5-Phosphate synthase] & DXR [1-Deoxy-D-Xylulose-5-Phosphate reducto isomerase] Genes from *Withania somnifera*," demonstrated her commitment to unraveling complex biological processes.

She further honed her skills at the Centre for Transgenic Plant Development, Jamia Hamdard, Delhi, working on the

"Optimization of Genetic Transformation of *Artemisia annua* using *Agrobacterium tumefaciens* with GUS gene." Her versatile expertise extends to clinical research, as she has also worked under the esteemed guidance of Dr. M.M. Godbole at the Department of Endocrinology, Sanjay Gandhi Post Graduate Institute of Medical Sciences.

Beyond her core research, Dr. Fatima possesses a passion for coding and programming. She is well-versed in leveraging programming languages such as C and C++ for experiments in the field of biotechnology.

Dr. Fatima's contributions to the academia extend to her publications in journals of international repute. Her dedication to excellence was recognized when she became a member of Students International Quality Control Circles, earning the prestigious Deming Award for her case study presentation. Her work took her to international platforms, including an invitation to present the case at Kentucky, Georgetown, U. S. A. Outside the academic sphere, Dr. Fatima is a devoted bibliophile and reading enthusiast. Her love for literature and learning complements her scientific pursuits, making her a well-rounded and intellectually driven individual. With her diverse expertise, passion for research, and commitment to nurturing entrepreneurial skills, she is poised to make significant contributions to both the academic and entrepreneurial ecosystems.

EDITOR'S REFLECTION



Dear readers,

Greetings!

I warmly welcome you to the present issue of the Newsletter.

The beginning of this academic session was a culmination of challenges and opportunities to do things differently for achieving the long-standing aspiration of Integral University to be recognized as the eminent seat of research, innovation and learning. The current issue of the Newsletter unfolds the endeavors, hopes and achievements that have gone into the successful accreditation of the university as a NAAC A+.

It was my humble privilege as an editor to record and walk through the inspiring journey of all the stakeholders who have significantly contributed to the academic excellence and research enhancement for sustaining the visionary

legacy of Integral academia.

The accomplishments celebrated in the newsletter are incomplete without expressing humble gratitude to our august patrons for bringing in the best industrial practices, pedagogical approach and invaluable guidance for making this academic session, the year of striking emergence of Integral University.

I am thankful to all the contributors of this academic venture and hope to justify the delights, perseverance and contribution of all for this successful year.

Best regards,

Dr. Aareena Nazneen

Editor

Assistant Professor, Department of Languages

INTEGRAL UNIVERSITY'S 30TH FOUNDATION DAY CELEBRATION



FOUNDER'S GALLERY



Lt. Gen. Zamiruddin Shah, Ex. Vice Chancellor, AMU



Mr. Danish Azad Ansari, Minister of State for Minority Welfare,
Muslim Waqf & Haj, U.P.



A delegations for Indo-Uzbek Meet & the International Conference on
Trends & Innovations in Food Technology (TIFT- 2022)



Dr. Prabhu Aggarwal, Vice Chancellor, Bennett University

SERVICE TO HUMANITY

Integral Institute of Medical Science and Research (IIMS&R)



THE DEPARTMENT OF AGRICULTURE

Integral Institute Agricultural Science and Technology (IIAST)

Major Activities



Kisan Pathshala

Kisan Pathshala, also popularly known as Million Farmers School, is an extension program organized to encourage the use of modern farming techniques, to make farming more profitable, sustainable, and resilient. In the last academic year 2022-2023, The Department of Agriculture, Integral Institute of Agricultural Science & Technology (IIAST) organized four kisan pathshalas at various villages. Kisan Pathshala and Nukkad-Natak were held in Achramau village on IPM. Another pathshala was conducted on the importance of vaccination for dairy animals and various methods for preventing milk-borne infections venue in IKVK, IIAST. The Kisan Pathshala was also organized to sensitize the natives of the Village Palka to important information about the method of soil sampling, preparation of vermicompost, its benefits, and other important aspects related to organic farming and sustainable agriculture. The last Pathshala was organized in the Village Behta, where important informations about the objectives of crop insurance schemes, implementing agency, importance of insuring crops, crops covered under the scheme, and process of availing the scheme benefits were explained.

Kisan Goshthi

In the academic session 2022-2023, Several Kisan Goshthis were organised in villages namely, Khwaja ka Purwa, Bhagatpurwa, Palka, Lalpur, Manpur lala, Paikramau, Dasauli, Bhakamau, Basha, and Anwari. The topics discussed in Kisan Goshthis were "Badalte Jalwayu Ke Parivesh Me Mausam Purvanuman Aadharit Kheti Ewam Prabhaav", "Women's Role in Nutritional and Economic Security," Millet Cultivation- A Boon for Farmers", "Quality Seed Production and Weed Control Techniques", "Satat Krishi Prayas: Paryavaraniya Sauhardya", "Doubling Farmers' Income",

"Role of Renewable Energy in Agriculture", "Sustainable Agriculture:

Cultivating a Greener Future", "Recent Agrotechnologies" and "Organic Farming", "Vaccination of Animals" & "Digital Marketing" respectively.

Guest Lectures

The Department organized guest lectures on topics like "Integrated Farming System Concepts, Modules and Components" by Dr. R. K. Nanwal, Ex. Professor, Chaudhary Charan Singh Haryana Agriculture University, Hisar, Haryana, "Genetically Modified Organisms (GMO) in Agriculture and Environmental Laws" by Dr. Baseerat Fatima, Assistant Professor, Faculty of Law, Integral University and on "Agriculture, Food, and Biofuel" by Mr. Rajesh Kumar, President of Agbiotec Group, Barcelona, Spain.

Journal Club

The Department initiated the IIAST Journal Club to share congruencies with the latest trends in the field of agriculture and to create awareness amongst students, scholars, researchers, and academicians about the agrarian counter-trend. There were four consecutive sessions of the journal club. These included the research papers from journals of good repute and good impact. These sessions were highly informative for faculties, students, and research scholars.

READY (Rural Entrepreneurship and Awareness Development Yojana) Orientation Program

Ten Day Students' READY (Rural Entrepreneurship and Awareness Development Yojana) Orientation Program was organized by the Department, as per the directives of the fifth Dean Committee of Agricultural Education of the Indian Council of Agricultural Research. It aims to integrate skill-building and business modules in agricultural education to capacitate the students to emerge as Agri-Entrepreneurs. During this orientation event, renowned speakers from various agricultural backgrounds and Agro-industrial sectors interacted with students of B.Sc Agriculture (Hons.) VIIth Semester and gave them an overview of employability and opportunities in the field of Agriculture.



Training programs

The Department collaborated with the Spices Board (Ministry of Commerce and Industries, GoI) Regional Office, Barabanki, to organize a "Quality Improvement Training Programme on Mint" in village-Farestipur, Gadia, District-Barabanki. The training aimed to highlight the commercial significance of mint. The last training program was a One-Day training program on Natural Farming (Prakrutik kheti: Unnat kheti) for the women farmers of Bhagatpurwa Village. Another training was conducted under the title "Agri-Waste Management through Vermicomposting" on 14 July 2023, in the Kursi village and female farmers belonging to the Self-Help Group (SHG) from Tehsil Bakshi ka Talab (BKT) and the last one was on "Mushroom Training Program" where it employed a combination of theoretical lectures and hands-on practical session to the attendee farmers in the IIAST farms.

Educational Visits

The Department organized an educational visit to Kisan Mela at Banda University of Agriculture & Technology on 4th November 2022 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 other visit was organized in the State Livestock Farm, Chak Ganjaria Niblet Barabanki, U.P. on 10th July 2023 for students.

Ancillary events

A Debate Competition was organized by the Student Welfare Committee and Cultural and Literary Committee of the Department under the aegis of United

Nations Academic Impact (UNAI) on 15th of November 2022 in the Seminar Hall, Department of Agriculture, IIAST. The topic of the competition was "Will Organic Agriculture Alone be Able to Sustain the Demands of Growing Population?" A photography competition was held on "World Photography Day" on 21/02/2023 under three themes which were : 1. Glimpses of IIAST farms, 2. Progressive Agriculture, and 3. Farmers: a peek into their lives. The Department of Agriculture, IIAST celebrated "World Soil Day" on 5th December 2022 on World Soil Day and the theme was "Soil: Where Food Begins". On 26th April 2023, the Department conducted an "Awareness Campaign" in the village of Bhakhamau. The campaign focused on "Animal Health Awareness" and "Awareness on Milk Adulteration and its Control." It also conducted a Parthenium Awareness Rally on 06.09.2022 to raise awareness about the harmful effects of this noxious weed on human health, livestock, and agriculture.

IIAST in media

IIAST extends its gratitude to the dedicated media like DD Lucknow, News State, Akashwani, etc to facilitate faculty, staff, and students to contribute to the vibrant media presence of the agricultural campus. IIAST faculty and students participated in various TV Talks, Media Visits, and Radio Talks. By strategically utilizing various media platforms and adapting to evolving trends, the campus has continued to amplify its impact and contribute to the advancement of agricultural sciences and practices.



Padma Shri. Dr. Khadar Wali The Millet Man of India



REPUBLIC DAY & INDEPENDENCE DAY

celebrated at Integral University



From left : Dr. Syed Nadeem Akhtar, Prof. Syed Waseem Akhtar & Prof. Javed Musarrat



INTERNATIONAL YOGA DAY -21 JUNE 2023

celebrated at Integral University



In compliance with the Directives of the Ministry of AYUSH, Government of India, Integral University celebrated the 9th International Day of Yoga at its lush green and beautiful campus on 21st June 2023. The theme for Yoga was "Humanity", which beautifully encapsulates the slogan "Vasudhaiva Kutumbakam" meaning that the "whole world is one (my) family". Recognizing the global importance of Yoga and promoting its practice worldwide, the United Nations General Assembly on the insistence of our Hon'ble Prime Minister unanimously declared June 21st as International Yoga Day on 11th December 2014. The Yoga Day event began with a brief introduction about the significance of this day and the importance of Yoga in our lives by Prof. Monowar Alam Khalid, Dean, of Students' Welfare. The Yoga exercises were conducted under the guidance of Ms. Kamlesh Singh, an eminent Professional Yoga Trainer, who emphasized that Yoga should be a regular part of our lives for physical, mental, and spiritual health. The Yoga exercises were coordinated with Integral University Sports Academy, medical students from IIMSR, and various other university departments.



**INTEGRAL UNIVERSITY**
LUCKNOW - INDIA



9th INTERNATIONAL DAY OF YOGA 2023

(Ministry of AYUSH, Government of India)

OBSERVED AT
INTEGRAL UNIVERSITY, LUCKNOW



THEME : HUMANITY
Vasudhaiva Kutumbakam
— 21st JUNE 2023 —

CONVENER
Prof. MONOWAR ALAM KHALID
DEAN, STUDENTS' WELFARE

FACULTY COORDINATOR
Dr. MOHD. ZAFAR
Director, Sports (IUSA)

IIRF ranked the Department of Architecture 2nd Best Institute in Uttar Pradesh and 28th in the Country.

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

Global Human Resource Development Centre Pvt. Ltd. (GHRDC) Architecture Colleges Survey 2023, awarded the Faculty 5th rank in the Category of Excellence and 3rd rank in the Northern Region.

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

Indian Green Building Council (IGBC) Students Chapter launch

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

The purpose of the IGBC students' chapter is to disseminate information and give aspiring technologists, a platform, particularly in the field of 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.

Educational Tour

Educational Tour is a subject in all the years of the Architecture Program and is mandatory from Council of Architecture to take the students on tour to explore marvelous examples of architecture in India. Therefore, the department organized a tour covering Chandigarh-Amritsar- Dharamshala from 3rd July 2023 to 9th July 2023. The student explored and studied the details of the Golden Temple, Amritsar, St. John in the Wilderness, Dharamshala, and Namgyal Monastery, McLeodganj, Dharamshala. The student prepared documentation of the tour work and submitted it to the department.

IDCS Design Week

Students from the 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 work was appreciated by the Senior Architects of Lucknow.

World Interiors Day

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. The certificate distribution ceremony was held to recognize and appreciate the students' efforts and participation in the outreach activity Nukkad Natak jointly held by the Department of Architecture and IIID Lucknow Chapter on 17-19 March 2023.

FOAPD hosted an educational visit

The purpose of the visit was to exchange the dialogues, explore the infrastructure, and discuss the teaching methodology adopted in 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. A healthy conversation was shared between two of the organizations.

Plantation Drive

The faculty members along with the students planted the plants within the courtyard and also visited Junior High School, Paikaramau for the plantation drive. The students of the school were educated about the importance of plants in our daily lives by the faculty members. The students enjoyed the plantation drive and a treat was provided by the department to the students at the end of the program.

Career Guidance and Placement Counselling

The session was conducted by "Aman Mathur- (Owner of Aman Mathur Fashion House & renowned fashion designer in Lucknow)" and started with an introduction to Fashion Design as a career path for 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. This counselling session aimed to guide the students about the various careers (Fashion Designing, Styling, Production, Communication, Journalism, Content Creation, Fashion Business) and placements in the field of design. As a part of the Bachelor of Design (Fashion Design) curriculum, these types of Designer visits play a vital role in the overall personality development of the students by making them aware of the various fields in the fashion Industry.

Painting Competition

The event was organized by the Department of Architecture, Faculty of Architecture, Planning & Design, on the theme- "Vasudhaiva Kutumbakam" or "One Earth, One Family, One Future", on 7th February 2023 in the Seminar Hall of the Department of Architecture.

Students were asked to design, draw, and color the painting using the colors and other materials brought by them and finish the work in a stipulated time frame. The paintings were judged based on concept, materials used, skill, and presentation. The response to the event was overwhelming and each painting was unique and beautiful showing the interest and creativity of each student.

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 our Research scholar Ar. Abu Saleh won the prestigious award on 19th March, 2023. The award holds an International recognition.

An expert lecture on "Rendering"

The External Expert Ms. Sugandha Maheshwari, College of Arts and Craft, Faculty of Fine Arts, University of Lucknow, delivered a lecture on the topic related to Rendering for enhancing the presentation drawing development. The students of the first year attended the lecture and then they prepared a presentation drawing under the guidance of the expert.

Seminar on "Design Approach and Thinking Criteria for an Effective Designer"

The expert talk started with the welcome and introductory address by 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- in a business, educational, personal, or social context.

The expert lecture started with the introductory address about the speaker by the faculty coordinator. The expert Ar. Mohammad Yusuf Hasan, (Heritage and Conservation Head, Lucknow, under Mahira Heritage) gave a detailed overview of the Design Approach and Thinking Criteria for an effective designer.

Industry/ Field visit to "Ansari Handloom, Zaidpur, Barabanki, UP"

The visit aimed to educate the students about the various techniques used in weaving and printing in the fashion industry. As a part of the 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 the industrial and current trends of the industry, Architecture, and Interior Design students need to get exposure and think for the 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 the B. Arch and B. Des. (Product and Interior Design) curriculum, these types of visits have been proven to be very fruitful in the 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 the 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" to showcase their furniture through furniture layout mockups for various spaces viz-a-viz a bedroom, dining area, drawing cum living area, etc.

Photo walk at British Residency, Lucknow

Photo walk at British Residency, Lucknow, held on 28th May, 2023, organized by the Photography club, Faculty of Architecture, Planning & Design.

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

"Introduction of Heritage and Conservation through Mahira Heritage Walks" A Symposium organized by Heritage Club, Faculty of Architecture, Planning & Design in collaboration with "MAHIRA FOUNDATION"

Mahira Foundation functions as a multi-faceted cultural agency that specializes in helping museums, archives, and cultural institutions such as public and private collections to 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, and culture, their importance, and their contribution to the field of Architecture and Design. He enlightened our students with the knowledge of the reason for restoring old structures and giving back their original identity to them. Also, the contribution of heritage in shaping the identity of a place. The speaker mentored our students on how to join the Heritage Walk and how to be a part of it.

Tie & Dye

The students learned 7 different types of Tie and dye techniques by providing color contrast to the fabric. Under the guidance of the fashion design faculty member, 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 was organized for students of Diploma in Architecture, University Polytechnic, Integral University, on 26th May 2023. The session started with an introduction to Architecture and 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 by the Faculty and were accorded 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, CAD Lab, etc. - after which the students moved to the Seminar Hall, where they were given knowledge about Architecture and Interior Designing, the admission process, extra-curriculum experiential learning initiatives, and the University & Scholarships offered, in an interactive session by Ar. Fahad Aslam.

Tattoo & Mehendi making

The Department of Architecture organized a "Tattoo-making" event to the awareness of program, Bachelor of Fashion Design course at the University. This program was free of cost for all the students and members of the campus. The event aimed to make the students familiar with the program Bachelor of Fashion Design. Also, the students were able to exhibit their skills toward others which enhanced the confidence of our students.

"Expert Lecture Series on Socio-Economic Planning" by Pl. Aakriti Singhai and Mr. Piyush Girgaonkar

The program started with a guest lecture by Ms. Aakriti Singhai, who is an

Engineer and Urban Planner. She is an alumnus of the School of Planning & Architecture, New Delhi. Currently, she is serving as a manager at the Castellan Real Estate Partners, New York, on 15 Nov 2022. She is an active member of the International Metropolitan Fellowship and also very active in the field of research in urban policies. In her lecture, she covered the Economic, condition of our country, a case study to understand the condition of slums & community participation.

On the second day of the lecture, another topic was covered, "Methods of Community Participation" and she explained the financial model for Slum Rehabilitation.

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"

The seminar was graced by the presence of Prof. V.K Garg, who has been an academicians for over 45+ years and has handled professional and academic responsibilities in various capacities, and Ms. Trisha Mishra, who is a counselor at Global Reach. The session began with a welcome address followed by the 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 by our alumnus Ar. Mohammed Muhiuddin Khan

The Alumni Welfare Association of Integral University in association with the Department of Architecture, organized an Alumni Interaction Program on 12th December 2022 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.

Counselling & an Interactive Session by Ar, Mohd Yusuf Hasan

The expert Ar. Mohammad Yusuf Hasan, [Heritage and Conservation Head Lucknow under Mahira Heritage] gave a detailed overview of developing soft skills. The meeting was conceptualized to guide the students in opting for the right career path as they depart from Integral University. He emphasized the scope and purpose of the Architecture Profession as an important and the most reputed profession. He delivered a very informative lecture on the 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, to stop child sexual abuse, started with a directive received by Sakshi, from the directorate of NSS, Ministry of Youth Affairs & Sports, Government of India, for delivering a workshop with NSS volunteers. As per the circular received from the Council of Architecture on 22nd May 2023, the Department of Architecture organized 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 30th May 2023.

CENTRALIZED ORIENTATION PROGRAMME 2023



From left: Syed Ali Abbas, Addl.DCP/Police Commissionerate, Lucknow, Dr. Syed Nadeem Akhtar, Prof. Syed Waseem Akhtar, Dr. N. Zaheer Ahmad, Director General, Central Council for Research in Unani Medicine (CCRUM), Ministry of AYUSH, Govt. of INDIA, and Prof. Javed Musarrat in a joint session.



Faculty Awards and Achievements

Prof. Iffat Zareen Ahmad

Awarded "Outstanding Researcher of the Year Award-2021-2022" and a research grant of Rs. Two lakhs was granted by Integral University, Lucknow.



Prof. Iffat Zareen Ahmad received the Outstanding Researcher of the Year Award.

Best Oral Presentation Award. Elhan Khan and Iffat Zareen Ahmad, Development of Golden apple seed based nanoemulsion against Hepatocellular carcinoma in National Symposium on Emerging technique for the characterization and evaluation of traditional ayurvedic/herbal medicines organized by Amity University, Lucknow from Feb 2-3, 2023.

- First Oral Presentation Award. Sadiyah Samreen and Iffat Zareen Ahmad, *Cichorium intybus* L. as a nutraceutical food towards liver cancer prevention in Indo-Uzbek Meet and International Conference on Trends & Innovations in Food Technology organized by Integral University, Lucknow from Nov. 24-25, 2022.
- Awarded Third Prize. Iffat Zareen Ahmad, Haram Sarfraz, and Elhan Khan in Business Pitching Competition in Startup Conclave 2022 organized by Centre for Incubation and Entrepreneurship Development (CIED) in association with Uttar Pradesh Electronic Corporation Limited (UPLC) on Nov.1st, 2022.
- Awarded the "Chirag-e-Awadh" award in recognition of work done for the betterment of society by Daily Insiders Media House on 02-10-2022.
- First Poster Presentation Award. Sonam Dwivedi, Iffat Zareen Ahmad, 2022. Development of some cosmeceutical products incorporated with scytonemin-loaded nanoemulsion and evaluation of their in vitro and in vivo UV-B protective efficacy and anti-skin cancer potential. First Research Meet on the theme "Research Approaches to Biological Challenges in the Context of Sustainable Development Goals" Department of Bioengineering, Integral University, was held on July 22nd and 23rd, 2022

Research Project:

Iffat Zareen Ahmad: Awarded Research Grant of Rs. 28.288 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 their Nanoformulations as an Adjuvant Against Liver Carcinoma" (Duration: 16th November, 2022-15th November, 2025).

Patents:

1. Iffat Zareen Ahmad, Sonam Dwivedi, Nanoemulsion-Based Cosmeceutical Products Having UV-Protective and Anti-Skin Cancer Properties, 2022 [published].
2. Iffat Zareen Ahmad, Elhan Khan, *Cydonia Oblonga* Mill. Seed Extract and its Nanoemulsion as Anti-Hepatocellular Carcinoma Agents, 2022 [published].

Indo-Uzbek Meet & the International Conference on Trends & Innovations in Food Technology (TIFT- 2022)

A Two-Day Indo-Uzbek Meet and International Conference on Trends & Innovation in Food Technology from Farm to Fork TIFT-2022 was jointly organized by the Department of Bioengineering, Integral University, Lucknow, and Tashkent Chemical Technological Institute, Tashkent, Uzbekistan. This conference with the theme of "Serving Present to Secure the Future" discussed challenges for achieving better prospects in food processing for sustainable development. The International Conference was a two-day (Online/Offline) event that hosted some of the most influential figures in the food sector including researchers, scientists, food technologists, botanists, healthcare professionals, policymakers, government representatives, and industry key players to stimulate debate, foster collaborations and expand base knowledge.

The International Conference commenced with a welcome address by Dr. Alvina Farooqui, Head of the Department of Bioengineering. She sensitized the importance of sustainability to serve the cause of humanity. Dr. Syed Nadeem Akhtar, Hon'ble Pro-Chancellor, and Chief Patron welcomed the esteemed guests. Prof. Javed Musarrat, Hon'ble Vice Chancellor, gave captivating information related to growing demands for food and agriculture start-ups and highlighted national and international issues of food safety and security.

Mr. Sanjay Dave, former chairman Codex Alimentarius Commission, and former adviser to FSSAI, focused on food laws, food quality and safety, commercialization in the food processing industry and harmonization of domestic food standards. Prof. Botir Usmonov, Rector, TCTI, Uzbekistan, laid

emphasis on building a good foundation and exchange of ideas between the two universities and establishing scientific collaboration. Prof. Nortoji Ho'jamshukurov, Professor, Tashkent Chemical Technology Institute, Uzbekistan, acknowledged Hon'ble Prof. S.W. Akhtar by presenting the memento. Prof. Ashwani Pareek, Executive Director, National Agri-food Biotechnology Institute, Mohali, Punjab, discussed the problems associated with crop production. Dr. Shridevi Annapurna Singh, Director, CSIR-CFTRI, Mysore, highlighted the global concern related to food wastage, and packaging of food and accentuated the importance of food for wellbeing. Prof G.N Singh, Advisor to CM, talked about innovations in food that would become the driving force for cooperation and coordination with other countries abroad. Chief Guest of the event, Dr. Chindi Vasudevappa, Vice Chancellor, NIFTEM, Haryana, briefed about food supply chain management, sustainable food system approach, personalized food, therapeutics food, and food enrichment and fortification. He also enlightened the session on food safety and quality that are responsible for the health and wellness of India. The session was concluded with blessings and a beautiful quote by Prof. S.W Akhtar, Founder and Honorable Chancellor, Integral University, "Mai akela hi chala tha janibe manzil magar, log sath aate gaye aur karwa banta gaya". At the end of the session, the conference abstract book was released followed by the presentation of the conference memento and university memento to the dignitaries. A special vote of thanks was delivered by Prof. Iffat Zareen.



Hon'ble Prof. S.W. Akhtar, receiving the memento by Dr. Alvina Farooqui, Head of the Dept. Bioengineering, IU.



Abstract Book released by the dignitaries

Technical Sessions

Day-1

Technical Sessions were organized by the Department of Bioengineering, Integral University. In the first session Dr. H. R. Naik, Prof. Food Technology, Director of Planning & Monitoring, delivered the lecture on the topic "Value Addition Key Factor in Doubling the Farmers' Income". The talk of Dr. H. N. Mishra was based on "Food Technology Innovations for Ensuring Nutrition & Health Security" focusing on novel techniques which will play a significant role in ensuring food security. Prof. Nortoji also delivered a lecture on "Plant Genetic Resources of Uzbekistan and Its Future Prospects". The next session witnessed exclusive research and technology-oriented insightful lectures.

Dr. Sridevi Annapurna Singh delivered the keynote address on the topic "Current Trends in Food Technology in India". Prof. F. A Masoodi delivered a very insightful lecture on the topic "Processing of Himalayan Vegetables:



Prof. Javed Musarrat, Hon'ble Vice Chancellor, Integral University, addressing the session



A glimpse of Indo-Uzbek Meet

Problems and Prospects". The talk was delivered by Prof. R.S. Singhal, Head, Dept. of Food Engineering at ICT, Mumbai, on the topic "Some Insights into the Interactions Among Food Additives" focusing on chemical interactions among the additives when they are part of a cocktail. Technical Session 3: was conducted on Food Innovation Technology & Waste Valorization.

Day-2

The third technical session was based on the theme of Food Innovation Technology and waste Valorization. Dr. Komal Chauhan delivered a detailed lecture on "Valorization of Anthocyanins Extracted from *Prunus Nepalensis* for Potential Food Application as Bio Colourant". The talk of Dr. Harinder Singh was based on "Clean Label Starch Development Using Novel Processing Methods". Dr. Belkis Muca Yigit delivered the lecture on "The Plants and a Different View at Functional Foods". Technical Session 3 ended with major take-home messages related to technologies. Technical Session 4 was conducted on Food Toxicology and Food Microbiology.

The session witnessed exclusive research and technology-oriented high-impact lectures. Dr. Prabodh Halde delivered an interactive lecture on Food Startups which revolved around the concept of startups-Idea-market/need, finance, supply chain, and regulatory compliance in terms of national and international regulatory bodies. The talk of Prof. Subhash C. Chauhan was based on the utilization of food as medicine, especially for chronic disorders. He also gave glimpses of his research in the treatment of various cancers. This Technical Session 4 ended with a major message on the pressing need for a toxicological and microbiological approach to determine the safety aspects of food products.

Poster Sessions

Poster Presentation Competition was organized by the Department of Bioengineering. The number of posters presented in theme 1 was 6, 8 in theme 2, 10 in theme 3, and 14 in theme 4. In each theme, two awards (Rank 1st & 2nd) were awarded. Professor Farooq Ahmed Masoodi, Dean Academics Affairs, University of Kashmir Jammu and Kashmir and Professor H.R Naik, Director Strategic Planning and Monitoring, Sher-e-Kashmir University of Agriculture Science and Technology (SKAUST), J&K were the evaluators of the event.

Panel Discussion: Industry-Academia Panel Discussion

The panel discussion was organized on the topic of Industry Academia Interface to identify the skill gap. It was graced by Prof. Ashok Kumar Pandey, a distinguished scientist at IITR Lucknow, and Mr. Dinesh C. Choudhary, Plant Head AMUL, Lucknow. Dr. Priyanka Singh, Founder and Director of Bioquest Research Solution Allahabad, Professor A.K Saxena Dean, Faculty of Commerce & Management IU, and Dr. Nilanjan Mukherjee, director CCG & D, IU. The speakers in the panel raised a very important point to keep students in identifying the skill gap to become employable.

TIFT EXPO-2022

An expo, TIFT EXPO-2022, was organized as a part of the conference. A total of 25 stalls from various government and private organizations showcased

their products and technology. The students of the Food Technology Program displayed various products that were developed in the departmental labs, on various themes like new product development, food waste valorizations, and new innovations in food processing. Besides various organizations, like CSIR-IITR, various food start-ups, like Nutty Village, Flavin Labs, and Academic Monk, also showcased their products. This Expo was open to the students and the general public for two days of the conference.

CULTURAL EVENING

Day One of the conference ended with a cultural evening embraced by the performances by the High Note Music Society, and the ghazals by Ustad Ilyas Khan. All the dignitaries and the participants enjoyed the evening with real zeal and fervour. This was followed by the Gala Dinner.

THE INTERNATIONAL FORUM, WOMEN CHEMISTS - 2023

The International Forum, Women Chemists- 2023, was organized by Tashkent Institute of Chemical Technology, Tashkent- Uzbekistan, and Integral University, Lucknow- India, during February 10 - 11, 2023, with great success. It was dedicated to contributing towards achieving the Sustainable Development Goals "Ensuring Gender Equality and Empowering All Women and Girls" (Goal 5: Gender Equality). The Forum was designed for various sections including Technology of Inorganic Substances and Materials based on them; Food Safety and Food Technology; Chemical Technology of Fuel and Organic Compounds; Technology of Winemaking, Industrial Viticulture, Ecology, and environmental protection; Integration of economics and management of industry, education, science and production; Industry 4.0, STEM education and gender equality. The forum was working in Uzbek, English, and Russian languages to widen the circle of communication and impact.

Three-member team from Integral University, Lucknow, headed by the Co-convenor of the event Dr. Alvina Farooqui participated in the event at TCTI, Tashkent, Uzbekistan. In the inaugural session, Prof. Botir Usmonov Rector, TCTI, appreciated the organizers of the forum and emphasized the need for women in STEM. The welcome speech was delivered by Dr. Zulayho Makhkamova, Deputy Prime Minister of the Republic of Uzbekistan. Prof. Syed Nadeem Akhtar, Hon'ble Pro-Chancellor, Integral University, Lucknow, India, welcomed the esteemed guests. Ozoda Parpieva, Chairman, Family and Women's Committee; Norkulova Karima Tuxtabayevna, Deputy, Chairman, Committee for Family and Women for Innovations and Scientific Affairs, Uzbekistan; Ziyoda Takhirova, Deputy Mayor of Shaikhontohur District, family and Women's committee; Manzura Usmanova Scientific Secretary, Institute chemistry, and Physics of polymers of the Academy of Science of the Republic of Uzbekistan. Keynote speech was delivered by Prof. Odina Jmaolinova Adviser, Minister of Higher Education, Science and Innovation of the Republic of Uzbekistan; Dr. Alvina Farooqui, Associate Professor, Department of Bioengineering, Integral University, Lucknow, on "Bioactive constituents of microalgae and their health benefits, safety, prospects and potential for biomedical applications". Prof. Mastura Aripova, Head,



Inaugural Session TIFT EXP0-2022

Department of Technology of silicate material and rare noble metals. Tashkent Institute of Chemical Technology. The invited speech was delivered by Prof. Khalid SMA, Prof. Iffat Zareen Ahmad, Dr. Fatima Kosimova, Prof. Saba Siddiqui, Inoyat Atakhodjaeva, Prof. Levitsky I.A., Dr. Filatova Natalya Vladimirovna, Dr. Asma Farooque, Dr. Barno Abdullaeva, and Poonam Sharma. The oral presentation was delivered by Gyanendra Tripathi, Elhan Khan, Priyanka Dubey, and Suhail Ahmad. The forum was concluded by Dr. Gulnora Aripova. The vote of thanks was proposed by Dr. Zebo Babakhanova and Dr. Alvina Farooqui who emphasized the importance of teamwork for the success of any event.



DST STUTI Sponsored Seven Day Hands-on Workshop on Advanced Molecular Biology Techniques.

Department of Science & Technology, under the aegis of Synergistic Training Program, utilizing the Scientific & Technological Infrastructure (DST-STUTI), sponsored a one-week Hands-on training program on Advanced Molecular Biology Techniques, organized from 01st to 07th December-2022, by the Department of Biosciences (DST-FIST) and Integral Information & Research Centre (IIRC), Integral University, Lucknow, in collaboration with Jamia Hamdard University, New Delhi, as a Project Management Unit (PMU). This event was aimed at providing hands-on training and sensitization of state-of-the-art equipment and ensuring transparent access to science and technology facilities. The different techniques of molecular biology including Animal Tissue Culture Techniques, Staining, Nucleic acid extraction, cDNA preparation, quantification, RT-PCR, HPLC, and FTIR were covered during the workshop in a systematic manner. The inaugural function was attended by many distinguished dignitaries viz; Dr. Jayant Krishna, Chief Executive Officer, Foundation for Advancing Science and Technology, New Delhi, as the chief guest; Prof. Mohd Akram from Jamia Hamdard University (PMU) as a guest of Honour; Dr. Manoj Prasad, Senior Scientist / J. C. Bose Fellow from the National Institute of Plant Genome Research, New Delhi, and Prof. Sanjay Batra, chief scientist from CSIR-CDRI as the keynote speaker. The vast array of topics were covered by the different invited speakers during the workshop. Other eminent speakers on the occasion, were Prof. Sangeeta Saxena, Head, Department of Biotechnology, BBAU, Lucknow, Dr. Sanjay Yadav, Additional Professor & Head, Department of Biochemistry, AIIMS, Raebareli, Dr. Neeraj Sinha, Head, Molecular Diagnostics and Phenome Research Unit, Centre of Biomedical Research (CBMR), SGPGIMS, Lucknow, Dr. Alok Kumar Pandey, Principal Scientist, CSIR-IITR, Lucknow, Dr. Ashok K. Datusalia, Assistant Professor, Department of Pharmacology and Toxicology, NIPER, Raebareli, Dr. Arun Kumar Rawat from Thermofischer Scientific, Lucknow, Prof. Monisha Banerjee, Director, Institute of Advanced Molecular Genetics & Infectious diseases, Lucknow University, Dr. Heena Tabassum, Scientist and Program officer, ICMR, New Delhi, Dr. Puneet Singh Chauhan, Principal Scientist, CSIR-National Botanical Research Institute, Lucknow, Dr. Karuna Shanker, Senior Scientist, CSIR-CIMAP, Lucknow, Dr. Saman Habib, Chief Scientist, CSIR-CDRI, Lucknow, & Prof. AB Pant, Senior Principal Scientist, CSIR-IITR, Lucknow. The workshop was attended by 30 participants selected after a rigorous screening process. The selected participants were faculty and research scholars from different institutions namely Jamia Millia Islamia, New Delhi; Dr. Ram Manohar Lohia Avadh University, Ayodhya; Aligarh Muslim University, Aligarh; Chhatrapati Shahu Ji Maharaj University, Kanpur; Ganesh Shankar Vidyarthi Memorial Medical College, Kanpur; King George's Medical University,

Lucknow; Bappa Sri Narain Vocational P.G. College (KKV), Lucknow; Central University of South Bihar (Gaya), Amity University, Lucknow; Shobhit University Gangoh, Saharanpur etc.

Projects/Grants

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. 36,45,400/- entitled "Elucidation of Hsp90 Inhibition in Combination with Repurposed Drug Metformin as a Therapeutic Strategy Against Lung Cancer" as Principal Investigator (CRG/2022/005220).

- A project entitled "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 Department of Biosciences at Integral University in Lucknow, has been awarded a research grant of Rs. 28,80,000/- from DST-SERB-SURE As Co-PI (SUR/2022/002111).
- Dr. Snober S. Mir has successfully completed two research projects funded by DBT and SERB as a principal investigator. She has been nominated for the SERB-STAR (Science and Technology Award for Research) Award as the project under the YSS-LS Scheme, successfully completed by her, was evaluated by the review committee and rated "Excellent". She has also trained DAAD-RISE (Research Internship in Science and Engineering) interns in her laboratory on short training projects funded by DAAD-RISE Worldwide. One project was approved under her mentorship in the SERB-NPDF program.
- She has received a Project Under the DAAD-RISE Worldwide Internship Exchange Scheme entitled "Role of Hsp90 in regulating crosstalk between apoptosis and autophagy".

Miss Olivia Marie Reiter, a student from the University of Tübingen has joined her laboratory as a DAAD-RISE Intern. Her internship is fully funded by the DAAD-RISE fellowship.

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 titled "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.

EXTENSION ACTIVITIES

Arogya Vatika at Prathamik Vidyalaya Sadamau, B.K.T, Lucknow: An extension activity at the Sadamau Village, Kursi Road, Tehsil Bakshi Ka Talab, was organized by the Department of Biosciences in collaboration with National Service Scheme (NSS) on 19th May 2022. This extension activity was carried out under the Science Angels/Vigyan Mitra (SA/VM), an initiative of the Research and Innovation in Science and Engineering (RISE) program of the Department.

Awareness Programme on Health and Hygiene (oral cancer Prevention): Department of Biosciences in collaboration with NSS, organized an Awareness Program on Health and Hygiene under the flagship of the RISE program for research outreach on 19th May 2022.

Event on Promotion of Women Entrepreneurship: To commemorate Women's Equality Day, the Department of Biosciences, in collaboration with the

Department of Bioengineering & Integral Institute of Agricultural Science & Technology (IIAST), under the aegis of Women Study Centre, Integral University, organized Women's Equality Day on 26th August, 2022.

An Awareness & Sensitization Program on Positive Mental Health & Well Being: To commemorate World Suicide Prevention Day, the Department of Biosciences in collaboration with NURTURELIFE, organized this awareness program on 20th September 2022.

Educational visit to CSIR-CDRI, Lucknow

A One-Day educational trip for P.G. students of the Department of Biosciences, Integral University, was organized on 15th February 2023 as a part of their curriculum. CSIR-Central Drug Research Institute (CDRI), Lucknow organized a One-Week One Lab (OWOL) science outreach program from 13th to 18th February 2023. During this program, an Open Day was celebrated where students from different universities and institutes participated to visit the CSIR-CDRI campus.

**Awareness Programme on
HEALTH AND HYGIENE (oral cancer prevention), 19th May 2022**

- ✓ The **Department of Biosciences**, Integral University, Lucknow in collaboration with **"NSS"** had organized an Awareness Programme on **HEALTH AND HYGIENE (Oral Cancer Prevention)** under the flagship RISE Programme for research outreach on 19th May 2022.
- ✓ The Awareness programme was carried out in the community at Sada Mau by Science Angels and dedicated team of Faculty members who disseminated information about how **quitting smoking and tobacco consumption would help in avoiding oral cancer**.
- ✓ We went door to door to educate each and every member of the area on the topic using charts, posters and verbal communication they were told about various harmful effects of tobacco consumption and smoking and how is it affecting their health and their wealth as well.

Institutional activities & Best Practices



Dr. Snober S. Mir,
Professor and Head,
Department of Biosciences,



Miss Olivia Marie Reiter,
a student from
the University of Tübingen

INTEGRAL UNIVERSITY
DEPARTMENT OF BIOENGINEERING & TECHNOLOGY (IIAST)
DEPARTMENT OF BIOSCIENCES
WOMEN STUDY CENTRE, INTEGRAL UNIVERSITY

AN AWARENESS PROGRAM
TO COMMEMORATE
WORLD HEMOPHILIA DAY
TO COMMEMORATE
ACCESS FOR ALL
April 17, 2022
11:30 am (IST)
Tuesday, 19th April 2022

INTEGRAL UNIVERSITY
DEPARTMENT OF BIOSCIENCES & TECHNOLOGY (IIAST)
WOMEN STUDY CENTRE, INTEGRAL UNIVERSITY

EVENT ON PROMOTION OF WOMEN ENTREPRENEURSHIP
TO COMMEMORATE
WOMEN'S EQUALITY DAY
August 26, 2022
10:30 am (IST)
Tuesday, 30th August 2022

INTEGRAL UNIVERSITY
DEPARTMENT OF BIOSCIENCES
IN COLLABORATION WITH NURTURELIFE

AN AWARENESS & SENSITIZATION PROGRAM
ON
POSITIVE MENTAL HEALTH & WELL BEING
TO COMMEMORATE
WORLD SUICIDE PREVENTION DAY
SEPTEMBER 10, 2022
2:00 PM (IST)
Tuesday, 20th September 2022

INTEGRAL UNIVERSITY
DEPARTMENT OF BIOSCIENCES
UNITED NATIONS ACADEMIC IMPACT (UNAIP) INITIATIVE

EVENT ON BASIC SCIENCES FOR SUSTAINABLE DEVELOPMENT
TO COMMEMORATE
WORLD SCIENCE DAY FOR PEACE AND DEVELOPMENT
THEME: BASIC SCIENCES FOR SUSTAINABLE DEVELOPMENT
THURSDAY, NOVEMBER 08, 2022
2:00 PM (IST)

BLOOD DONATION DAY

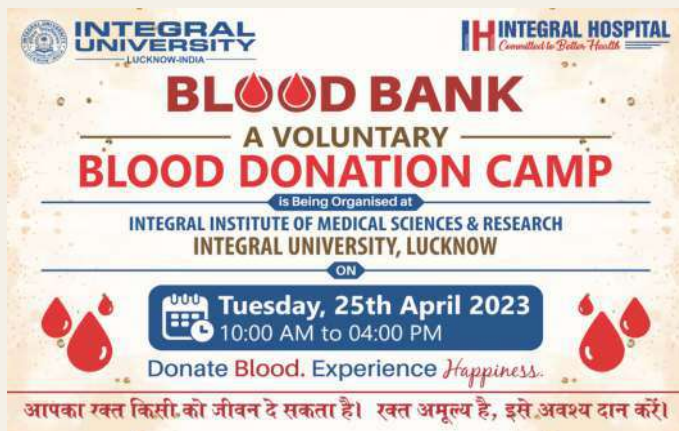
Organized by Integral Institute of Medical Sciences & Research Integral University Lucknow

Integral Institute of Medical Sciences & Research, Integral University, Lucknow, organized "Blood Donation Camp".

Integral Institute of Medical Sciences & Research, Integral University, Lucknow, organized a Blood Donation Camp on 25.04.2023, in the Blood Bank of IIMSR, in compliance with the orders issued by the Government of Uttar Pradesh. The camp was organized to meet the increasing demand for blood in our community and to ensure that essential medical services continue to be provided during these challenging times.

Donating blood is a selfless act that can help save lives and contribute to the well-being of society. It was urged all to participate in this noble cause and support our efforts to provide the necessary medical assistance to those in need. It was requested all to bring their family and friends to support this initiative while adhering to all the necessary guidelines issued by the Government and the medical authorities.

this noble cause and support our efforts to provide the necessary medical assistance to those in need. The department had taken all necessary precautions to ensure that the blood donation process is safe, hygienic, and compliant with the relevant regulations. The team of trained medical professionals was available to assist.



Integral Institute of Medical Sciences & Research Integral University Lucknow organised "Blood Donation Camp" on the occasion of "World Blood Donor Day", Theme: "Give Blood, Give Plasma, Share Life, Share Often"

Integral Institute of Medical Sciences & Research, Integral University, Lucknow, celebrated "World Blood Donor Day" on 14.06.2023 with the Theme: Give Blood, Give Plasma, Share Life, Share Often. In this regard, IIMSR organized a Blood Donation Camp on 14.06.2023 from 10:00 am to 4:00 pm, in the Blood Bank of IIMSR, in compliance with the orders issued by the Government of Uttar Pradesh. The camp was organized to meet the increasing demand for blood in our community and to ensure that essential medical services continue to be provided during these challenging times. It is believed that donating blood is a selfless act that can help save lives and contribute to the well-being of society. It was requested all to participate in



CELEBRATING THE TRIUMPH OF CHANDRAYAAN-3: A REMARKABLE LEAP FOR INDIA

From the Desk of The Hon'ble Chancellor



Dear Esteemed Staff and Students of Integral University,

With immense joy and pride, I inform you of the successful landing of the lander 'Vikram' and rover 'Pragyan' on the Moon as part of the illustrious Indian Lunar Exploration Mission 'Chandrayaan 3'. This historic milestone meticulously planned and flawlessly executed by the Indian Space Research Organization (ISRO), has propelled India into a league of extraordinary nations.

The dedication, hard work, and unwavering commitment displayed by the brilliant minds at ISRO, along with the skilled engineers and scientists, have proved yet again that India stands tall on the global scientific exploration stage. This feat showcases our nation's technological prowess and inspires a sense of unity and national pride within each of us.

As we bask in the glory of this remarkable achievement, it is essential that we acknowledge the invaluable lessons that the Chandrayaan-3 mission imparts to all of us, especially the teachers and students here at Integral University. This historic endeavor encapsulates numerous learnings that will undoubtedly shape our collective future:

1. **Perseverance:** The journey of Chandrayaan-3 reflects the relentless spirit of never giving up. The challenges faced during the mission taught us that setbacks are stepping stones to success. Let us embrace resilience, and no matter how tough the road ahead seems, remember that determination can overcome even the most formidable obstacles.
2. **Collaboration:** The success of Chandrayaan 3 bears testimony to the power of teamwork and collaboration. The seamless integration of disciplines and the concerted efforts of scientists, engineers, technicians, and researchers from various backgrounds highlight the value of interdisciplinary collaboration. Let us foster a culture of teamwork, embracing diverse perspectives and sharing collective knowledge to achieve audacious goals.
3. **Innovation:** Chandrayaan 3 exemplifies the essence of Indian innovation. Our scientists have innovatively developed cutting-edge solutions to accomplish this mission in the face of limited resources. This serves as a reminder that opportunities for innovative thinking and problem-solving lie within constraints. Let us cultivate a mindset that embraces creative thinking and fosters out-of-the-box solutions.
4. **Quest for Knowledge:** Exploring the unknown and pursuing knowledge are fundamental tenets of any successful scientific mission. Chandrayaan 3 embodies our innate curiosity to understand the depths of the universe and pushes the boundaries of human knowledge.

I extend my warmest wishes to our great country, India, and its people. May our nation continue to scale new heights in scientific innovation and inspire the world with remarkable endeavors. Let us work together to create a brighter future for our country and strive towards making India a global leader in all domains.

Once again, I congratulate the entire staff and student community of Integral University on this historic achievement, and I remain confident that you will continue to make us proud with your relentless spirit and unwavering dedication.

Best wishes.

Prof. Syed Waseem Akhtar



From the Desk of The Hon'ble Vice Chancellor



Dear Faculty, Staff and Students

It is with immense joy and pride that I extend my heartiest congratulations to every member of the Integral University family, as well as to our fellow countrymen, on the remarkable achievement of the successful soft landing of Chandrayaan 3's lander at the South Pole of the Moon. This monumental achievement, witnessed collectively in real-time at our university auditorium by our enthusiastic staff and students, fills our hearts with pride and inspiration.

The triumphant landing of Chandrayaan 3's lander is a testament to the unwavering dedication, unparalleled commitment, and indomitable spirit displayed by the entire team at the Indian Space Research Organization (ISRO) and its invaluable collaborators. Their hard work, innovative thinking, and relentless pursuit of excellence have not only propelled India into the prestigious League of Nations capable of lunar landings but have also set an extraordinary example for the world to follow.

Integral University takes immense pride in having had the privilege to witness this momentous event together as a community. The sight of our auditorium filled with anticipation and pride is a memory we shall cherish forever. Our students, as future leaders and pioneers have been fortunate to witness this live transmission, which I believe will inspire them to dream bigger and aspire for greatness in their chosen fields. Further, with great delight and pride, I extend my warmest congratulations to our esteemed alumni, Er. Anshuman Sharma, B.Tech Electronics (Batch-2002), and Er. Himanshu Pandey, B. Tech IT (Batch-2005), for their remarkable achievements as part of the Indian Space Research Organization (ISRO) team and for carving out significant paths in the field of space research and exploration.

On behalf of Integral University, I extend our heartfelt appreciation to the ISRO team and its collaborators for their relentless dedication and unparalleled achievements. ISRO has not only made us proud but has made every Indian heart swell with pride. India's ascent as the fourth nation to land on the Moon is a momentous achievement that will be etched in the annals of history for generations to come. Let us continue to draw inspiration from this achievement and work together towards furthering our nation's scientific and technological advancements.

Congratulations once again to the entire ISRO team and its collaborators, the staff, and students at Integral University, and to every Indian who shared in this triumph. May this achievement fuel our resolve to reach for the stars and make our nation even prouder.

With best wishes and warm regards,

Prof. Javed Musarrat

Vice Chancellor

Faculty of Commerce & Management

Guest Lectures Organized

❖ **Social Justice & Affirmative Action: Contributions of Dr. B.R. Ambedkar on Ambedkar Jayanti.**

Online Guest Lecture on 17th April, 2023 on the topic "Social Justice & Affirmative Action: Contributions of Dr. B.R. Ambedkar." The Key speaker of the session was Mr. Abdul Hafiz Gandhi, HoD of Unity Law College Lucknow, UP.

❖ **Industry Academia Interface.**

The Department of Commerce & Business Management organized Expert lecture for the faculty members and the students on the topic "Industry Academia Interface". The lecture was delivered on 24th August 2023 by General Manager LuLu, Hypermarket, Lucknow.

Seminar and Workshop Organized

❖ **Techniques for Improving Vocabulary and Language Skills.**

Seminar on Techniques for Improving Vocabulary and Language Skills on Date: 21st February 2023. The eminent speaker for the session was Mr. Divya Joshi, Language Coach.

❖ **Employability Enhancement Workshop.**

The Faculty of Commerce and Management in collaboration with Association of Muslim Professionals organized Employability Enhancement Workshop from September 1st to 6th, 2023. The Day 1 was based on the topic Personality Development with the Trainer as Mr. Syed Abdallah Rizvi. On Day 2 the trainer, Mr. Mohammed Fayyaz Munshi talked about Communication Skills. The Day 3 had the topic as Interview Skills & Resume Writing to be delivered by Trainer Dr. Rahil Khan. The Day 4 started with the topic of Job Searching Strategies by Mr. Sayeed M A. as the Trainer for the session.

Refresher Courses Organized.

- ❖ The HRDC, in collaboration with the Faculty of Commerce and Management organized a series of refresher courses for the development of the faculty members of the department. The first refresher course was organized from 3rd - 4th August, 2023, the second course in the series was organized from 11th - 12th August, 2023, the third course was held on 8th September, 2023 on the topic "Research Paper Writing" by Dr. Anoop Pandey, Professor & Head, Department of Commerce, HNB Central University, Garhwal, Uttarakhand and the forth refresher course was conducted on 21st September, 2023 in the department seminar hall.

Commemorative Days' Celebration

❖ **International Harmony Day, February 1st, 2023**

On this occasion, 6 international students who belong to different countries and 6 Indian students participated in this event. Prof. Adeel

Maqbool, Vice Dean of Commerce and management and Prof. Syed Shahid Mazhar, Head of Department of Commerce and Business Management, shared their views. Head of Department focused on the importance of tolerance, acceptance, and mutual respect towards cultural diversity, and encouraged individuals and organizations to come together to build peaceful and harmonious societies.

❖ **National Productivity Day on February 17th, 2023**

Conducted Quiz to commemorate National Productivity Day on February 17, 2023

❖ **Birth Anniversary of Dr. B. R. Ambedkar, on April 13th, 2023.**

Organized Quiz and Essay Writing Competition on Birth Anniversary of Dr. B. R. Ambedkar, April 13th, 2023.

❖ **Teachers' Day Celebration on September 5th, 2023**

On the occasion of Teachers' Day, various activities were conducted for the students of the Department. The Slogan Writing Competition was organized on the topic "Teachers' Day", Essay Writing Competition was organized on the topic "Teachers Shapes Young Minds" and Poster Making Competition was organized on the topic "Teachers are the second parents", "Teacher has solution to all the problems" and "Once a teacher always a teacher".

❖ **World Tourism Day**

Organized Collage Making and Quiz Competition on the theme "Tourism and Green Investments" on 27.09.2023. The purpose of this event was to raise awareness on the role of tourism within the international community and to demonstrate how it affects social, cultural, political and economic values worldwide.

Programs taken up involving Inter-Institutional Collaboration

❖ **Awareness session on "MAKE A DIFFERENCE"**

The Dept. organized an awareness session on "MAKE A DIFFERENCE" in association with SWAPNA FOUNDATION (NGO) on 29th May 2023 at the Seminar Hall, E- Block from 10:30 am onwards. The event was graced by Dr. Asiya Chaudhary, Professor, Department of Commerce, Aligarh Muslim University as a Guest of Honour along with the team of SWAPNA FOUNDATION of five members.

❖ **"Investment Awareness and Planning for Young Professionals' ' in association with Lucknow Management Association (LMA)**

It conducted a guest lecture on "Investment Awareness and Planning for Young Professionals' ' in association with Lucknow Management Association (LMA) on 10th June 2023 at the Seminar Hall, E- Block from 09:30 am onwards. The Resource Person of the event was Ms. Supriya Agrawal, Industry Expert & Trainer BFSI, Member & Resource Person LMA, Senior Trainer, AWOKE India accompanied by Ms. Renu Chaudhary, General Manager, LMA.

MoU with the Collaboration of Maruti Suzuki India Limited in the session 2022-23.

Integral University, Lucknow has announced its partnership with Maruti Suzuki India Limited (MSIL), as a part to Introduce the Industry Academia collaborative program named B.Com H-Automobile Retail Management to expand the scope of skill training offered in the domain of automobile retail sector. The course curriculum has been jointly curated by the MSIL and the University as per automobile industry requirements and aligns to the prescribed UGC guidelines. The MOU was executed on Tuesday, July 18, 2023 by Prof. Mohammad Haris Siddiqui, Registrar, Integral University, Mr. Sanjeev Kumar Sinha, Vice President, Maruti Suzuki India Limited in the presence of Officials from Integral University Lucknow and Maruti Suzuki.

Value Added Courses

- ❖ Value Added Course on Sustainable Consumer Behaviour, from April 10th, 2023 to May 20th, 2023.
- ❖ Value Added Course on Sustainable Human Resource Development: Creating Workforce for Tomorrow, from May 1st, 2023 to May 28th, 2023.
- ❖ Value Added Course on Sustainable Plastic Waste Management "Waste isn't waste until we waste", from July 7th, 2023 to August 1st, 2023.

Students' Progression and Placements (2022-2023)

Student Progression Data

Details of seed money provided to teachers for research (2022-2023)

Sr No	Name of Faculty	Name of Consultant Organization
1	Dr. Syed Shahid Mazhar	EarthCon Private Limited, New Delhi
2	Dr. Asma Farooque	St. Xavier College, Lucknow
	Dr. Farhina Sardar Khan	EarthCon Pvt. Limited, New Delhi

Extension activities in the neighborhood community in terms of impact and sensitizing students to social issues and holistic development

S.No.	Name of Principal Investigator	Title of Project	Duration of Project	Amount Granted for Project	Granting Organization
1	Dr. Shahab Ud Din	Bridging Financing Gap: A Study on Fintech for Handicrafts.	Two Years	1,10,000	Integral University
2	Dr. Moiz Akhtar	A socio-economic Analysis of Sugarcane Cultivation and its Productivity in Major Sugar Producing Area of Uttar Pradesh with special reference to Women Agriculture Labour	Two Years	1,10,000	Integral University
3	Dr. Asma Farooqui	Impact of hygiene product commercials in creating consumer consciousness among the rural population in the Dasauli Area	Two Years	50,000	Integral University

Extension Activity 1: World Plantation Day

World Plantation Day, 21st March 2023 also known as International Day of Forests, is observed on March 21st every year to raise awareness about the importance of forests and the benefits of trees. This day is recognized by the

S.No.	Name of Principal Investigator	Title of Project	Duration of Project	Amount Granted for Project	Granting Organization
4	Mr. Devesh Dutt	Impact of Microfinance on Agricultural Income in Uttar Pradesh India: An Analysis	Two Years	1,20,000	Integral University
5	Mr. Ehsanul Haque	Categorizing Determinants influence Investor Behavior and its effect on Investment and Saving Decisions of Middle-Class Family in Lucknow City.	Two Years	1,10,000	Integral University

United Nations General Assembly to promote the conservation and sustainable use of forests worldwide. World Plantation Day, also known as International Day of Forests, is observed on March 21st every year to raise awareness about the importance of forests and the benefits of trees. The tree plantation drive took place at primary school of Dasauli Village, Kursi Road, Lucknow.

Extension Activity 2: Swachhta Pakhwada, October 1st, 2023

The Swachhta Pakhwada celebration is part of the Special Campaign 3.0 supported by the Government of India under the Ministry of Education. The primary objective of this initiative is to commemorate Swachhta Pakhwada and contribute to the broader goal of cleanliness, hygiene, and sanitation promoted by the Government of India. The aim was to create awareness, encourage active participation, and make a positive impact on the cleanliness and sanitation of the Paikaramau area. With this in mind, the Department of Commerce and Business Management conducted cleanliness activities during Swachhta Pakhwada. The organizing team was formed, responsibilities were assigned, and logistics were arranged. The event took place at Paikaramau, Kursi Road, Lucknow on October 1, 2023.

The event was attended by Pradhan Sabahat Husain of Paikramu, Kamal Sb (Social Workers), and many other local people. The entire event was organized under the supervision of Dr. Shujauddin Khan, a faculty member of Commerce and Management from the Department of Commerce and Business Management at Integral University, Lucknow. Prof. Adeel Maqbool, Vice Dean of the Faculty of Commerce and Management, and Prof. Shahid Mazhar, Head of Department of Commerce and Business Management, virtually expressed their gratitude for the successful completion of the event. The entire event was well-coordinated by the 'Event Committee' of the Department, consisting of Dr. Shujauddin Khan, Mr. Amit Goel, Dr. Rizwana Atiq, Dr. Aisha Badruddin, Ms. Amisha Srivastava and Mr. Vidit Srivastava.

E-Poster making competition on "Plastic Waste Recycling, Application, and Future Prospects for a Sustainable Environment"

Plastic, a versatile material with widespread applications, plays a vital role in daily life due to its durability and adaptability. However, the staggering global plastic production of over 150 million tons annually leads to substantial plastic waste, particularly in packaging. In India alone, 9.4 million tons of plastic waste are generated annually, with only a fraction being recycled. To address this issue, effective strategies such as single-use plastic prohibition, economic incentives, improved recyclability standards, and extended producer responsibility programs can be employed. Individual actions, like avoiding single-use plastics and adopting sustainable practices, also contribute to waste reduction. Highlighting the urgency of this concern, the Social Responsibility Club of the Department of Computer Science and Engineering at Integral University organized an E-Poster competition on June 5, 2023, involving nine students, as part of their mission to raise awareness about critical societal issues.

EXPERT LECTURE On "CHATGPT, THE LATEST ADVANCE IN AI: WHAT IT IS AND WHY IT IS CAUSING BOTH EXCITEMENT AND APPREHENSION"

Tech Club, Department of Computer Science and Engineering, Integral University, Lucknow, organized an Expert Lecture on "ChatGPT, the Latest Advance in AI: What it is and why it is causing both excitement and apprehension" on 16th May 2023. The lecture was conducted in Hall-1 Central Auditorium and was graced by the presence of Dr Nadeem Akhtar, Pro-Chancellor, Integral University, Lucknow. Renowned speaker Prof. Some Nath Biswas, former professor of IIT Kanpur, delivered an enlightening presentation on ChatGPT and its impact on the field of AI. He began by providing a comprehensive overview of ChatGPT, a state-of-the-art AI technology based on OpenAI's GPT-3.5 architecture. Prof. Biswas emphasized on ChatGPT's ability to generate human-like responses and engage in meaningful conversations, highlighting the reasons behind both excitement and apprehension surrounding this advanced AI model.

Extension Activity on "Digital Literacy in Village" organized by the (Social Responsibility Club) Department of Computer Science and Engineering.

To Strengthen one's confidence to face the audience and to develop awareness about our surroundings and daily actions, students of Computer Science & Engineering organized " Digital Literacy in Village" at the village of Ambedkar Basti, Bhakamau, On April 26, 2023. Thirty-two students enrolled in the digital awareness session facilitated by the Social Responsibility Club, Department of Computer Science and Engineering.

Extension Activity on "Donation drive for School Children

Education serves as a cornerstone for unlocking human potential, fostering

societal equity, and driving national progress. Acknowledging the universal right to quality learning, the Social Responsibility Club of Integral University's Department of Computer Science and Engineering, organized an impactful "Donation drive for School Children" on March 4, 2023, in partnership with the National Service Scheme. By distributing notebooks and pencils to underprivileged students in Behta, Kursi Road, Lucknow. The initiative aimed to impart the glow of knowledge and spread joy. This act not only symbolized a small gesture but also generated bundles of blessings, demonstrating the power of education to ignite positive change and evoke gratitude.

NATIONAL SEMINAR ON "RECENT TRENDS IN INDUSTRIAL AND SCIENTIFIC PROGRESS"

On December 3rd, 2022, the Technical Committee of Integral University, Lucknow, orchestrated a significant National Seminar entitled "Recent Trends In Industrial and Scientific Progress," aimed at educating students on emerging technologies and essential skills. Graced by guest speakers from diverse IT sectors, the event commenced with a welcome by Ms. Kavita Agarwal, highlighting talks by experts such as Dr. Mohd Misbahuddin on supercomputing, Mr. Syed Yunus on overcoming obstacles, Mr. Zakir Ahmed on Embedded Systems, and Mr. Mohd. Ismail on Data Science's business role. Engaging sessions were taken by industry professionals like Mr. Mohd. Tausif Akram and Mr. Abdul Hafeez who enriched attendees on decision-making and patent filing, respectively. A concluding panel discussion on internships, job interviews, and time management led by experts added further value. The seminar's success was marked by meticulous planning and dedication from organizers like Dr. Sheeba Praveen, and Dr. Mohd. Haroon, and Mr. Arif Ali Usmani, were evident with over 130 students in attendance and an enduring impact on all participants.

Next Level'- a gaming event organized by Trinity Gaming

The Office of Dean, Students' Welfare and Department of Computer Science & Engineering, Integral University, Lucknow hosted 'Next Level'- a gaming event organized by Trinity Gaming on December, 1st, 2022 at Integral University Lucknow.

Students had the opportunity to meet representatives from Facebook Gaming as well as renowned gaming industry influencers. Students caught the attention of the crew and inquired about gaming and career opportunities in the gaming industry. In the gaming booth, students enjoyed playing PS5 games like WWF, FIFA, and TEKKEN as well as creating creative reels in the reel booth for which they received goodies. The 15 student volunteers received certificates and goodies, as well as prizes for random gaming tournaments (PS5) and tasks completed throughout the event. Furthermore, the technical team provided a live gaming experience in *Mammoth* (a modified truck with a gaming PC inside).

Cyber Security Awareness and Its Emerging Trends

The Tech Club of Integral University's Department of Computer Science & Engineering hosted a workshop titled "Cyber Security Awareness and Its Emerging Trends" on November 10, 2022, at the Central Auditorium. The event aimed at shedding light on career prospects in cybersecurity and building a robust workforce to counter cyber threats, the event featured esteemed speakers such as Dr. Satyendra Kumar Singh and Dr. Rajendra S. Nehra from ICSS. The workshop covered diverse topics including cybercrime instances, security measures like two-factor authentication, and available courses. The program was attended by around 110 students, and the workshop's success was evident through active participation, positive feedback, and increased registrations for ICSS courses.

Singing Competition

The Art & Cultural Club of the Department of Computer Science and Engineering, Integral University, Lucknow in collaboration with the SWC organized a "Singing Competition" on November 09, 2022, at Hall 3 of Central Auditorium. To promote singing talent, we provided a stage for the students of the Department of CSE who are keen to show their singing talent. The students were eager to participate in the competition.



30-HOURS VALUE ADDED COURSE on "PYTHON FOR BEGINNERS"

The Value-Added Course was organized by the Department of Computer Application in Association with the Integral University Center for Advanced Training.

3-DAY WORKSHOP on "DATA SCIENCE: HOW TO GET STARTED" -

The Department of Computer Application, Integral University, Lucknow, conducted a comprehensive 3-day workshop entitled "Data Science: How to Get Started" from 30th May to 1st June. The primary objective of this workshop was to introduce participants to the dynamic field of data science and equip them with a robust foundation for their data-driven journey. The workshop was strategically designed to familiarize participants with key data science concepts, tools, and techniques, enabling them to grasp practical applications in data analysis and predictive modelling.

This enlightening event unfolded in Hall 2 of the Central Auditorium, hosting sessions from 01:45 p.m. to 03:45 p.m. daily. Over 210 registrations were received, encompassing diverse academic disciplines such as BCA, BTech, BSc, BBA, B Pharma, MCA, MBA, MSc, and M Ed. Facilitating this knowledge exchange was Dr. Afreen Khan, an accomplished Assistant Professor at Integral University, recognized for her profound expertise in data science. The workshop culminated with a captivating quiz, testing participants' comprehension and igniting a competitive spirit. Notable quiz victors include Kamran Ahmad (B. Tech), Sameer Ahmad (BCA), and Ashutosh Yadav (MCA).

15-DAY SUMMER TRAINING COURSE on "DEVELOPMENT OF PROGRAMMING SKILLS USING PYTHON"

The Department of Computer Application organized a 15-Day offline summer training program on "Development of Programming Skills Using Python" from 21st July 2023 to 12th August 2023. The main advantage of this training program is to provide a road of development of training intelligence initiating from the beginning of Python and leading to covering advanced data structures. The training includes practical and hands-on experience of various algorithms and programs based on theoretical concepts of programming which is a key factor of the sessions.

Development of Programming Skills Using Python: Training at a Glance

The aspect of the training program is to cover major modules of Python programming as well as building and constructing programming skills that focus the attention of students through the pathway of interactive curriculum. The training was successfully conducted by the resource persons Dr. Jeelani and Mr. Faizan Mahmood, Assistant Professor, Department of Computer Application, Integral University, Lucknow.

Cyber Awareness Month

As per the directives of the Uttar Pradesh Higher Education Department, the department celebrates "Cyber Awareness Day" every First Wednesday of every month of the year 2022, to educate students to increase the cyber resilience of the nation as recommended by the National Security Council Secretariat (NSCS), Government of India, an initiative to put conscious efforts towards ensuring better cyber security hygiene and incorporating better security measures. It was initially launched by the National Cyber Security Alliance & U.S. Department of Homeland Security in October 2004, as a concentrated effort to stay safe and secure online. It is an initiative to put conscious efforts towards ensuring better cyber security hygiene and incorporate stronger security measures.

S.N.	Theme/Title	Month	Faculty involved
1.	Safe & Proper Use of Big Data on Social Networks	July	Dr. Mohd. Muqeem, Dr. S.K. Singh, Mr. Tabrez Khan, Dr. Wasim Khan
2.	Flagging and Reporting of Inappropriate Content and Basics of Cyber Forensics	August	Mohd. Faizan Farooqui
3.	Electronic Payment and Safeguard therein	September	Dr. Ayan Mustafa Khan, Mr. Syed Mohammad Faisal, Mr. Tabrez Khan, Dr. Wasim Khan
4.	Top Security Issues and Possible Way Around UPI Payment System	October	Dr. Sandeep Kumar Nayak, Dr. Mohd Waris Khan
5.	Cybercrimes in Electronic Payments: KYC Concepts, Cases and Safeguards	November	Dr. Jeelani, Mr. Malik Shahzad Ahmed
6.	Cyber Security Awareness and current trends for defense	December	Dr. Mohd Muqeem, Dr. Asif Khan

Cricket Championship

The Department of Computer Application orchestrated a Cricket Championship (M) for BCA and MCA students from 12th November to 14th November 2022 at the Integral University sports ground, operating under the esteemed Integral University Sports Academy (IUSA). A total of four teams actively participated in the championship, selected through rigorous trials overseen by the departmental sports coordinator. Participating Teams: Python Warriors, Java Qalandars, Web Masters, and CSikandars.

A brief Seminar/ Conferences held by the department at the National level

S.N.	Activity	Dates	Title	Mode
1.	Value Added Course	21st February to 15th May 2023	Python for Beginners	Offline
2.	Workshop	30/05/2023	Data Science: How to Get Started	Offline
3.	Seminar	05/12/2022	Gender and Mental Health	Offline
4.	Training Course	21th July 2023 to 12th August 2023	Development of Programming Skills using Python	Offline

Monthly Magazine

In the fast-paced world of technology and computer science, staying updated with the latest trends and innovations is essential. That's where "Tech Dose," the monthly tech magazine published by the Computer Application Department, Integral University comes into play. With a commitment to providing readers with cutting-edge information and in-depth analyses, Tech Dose is the trusted source for all things tech that provide with information about the tech industry, tech innovation, and many more thing that is happening in the IT industry.

Monthly Magazine entitled "Cyber Bulletin" under the aegis of Cyber Sakchharta Abhiyan by Cyber Awareness Club,

The launch of the new monthly magazine, the Cyber Bulletin, was announced under the esteemed umbrella of Cyber Sakchharta Abhiyan by the Cyber Awareness Club, Department of Computer Application. In the dynamic landscape of today's digital realm, where cybersecurity maintains its status as a pressing concern, the magazine endeavors to furnish readers with the latest insights, analyses, and optimal practices to facilitate their informed and secure navigation.

The mentorship for the Cyber Awareness Club is vested in Dr. Mohammad Faisal (Head, CA), alongside the guidance of esteemed faculty coordinators Dr. Mohd Faizan (Assistant Professor, CA) and Mr. Faizan Mahmood (Assistant Professor, CA) and Mr. Shubham Kumar (Assistant Professor, CA). This club boasts dedicated student members, including Mohd Maaz (BCA Third Year Group 2), Riya Mehta (BCA Third Year Group 4), and Md. Shams Raza (BCA Second Year Group 5), contributes to fostering a culture of heightened cybersecurity awareness.

ALMANAC Volume II

The department proudly unveiled "ALMANAC" Volume II, an alumni magazine from the Department of Computer Application, ALMANAC, to bridge the gap, fostering a deeper connection between alumni and their alma mater. The

dedicated efforts of the student designers shine through in its creation. This magazine stands as a vessel for accurate, comprehensive narratives that captivate and inspire, highlighting the department's stature, including our esteemed alumni, faculty, and students. ALMANAC speaks to diverse audiences in distinct ways by interacting with Alumni, Faculty and Staff, Students, Prospective Students, and Parents.

This launch signifies a pivotal milestone in the journey, fostering a sense of unity and shared accomplishment within our dynamic academic community.

Artificial Intelligence

The Department in collaboration with Manyversity (Learning for Better Future), successfully organized a 1 day free workshop on "Artificial Intelligence" on October 5, 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.

Program Overview: The workshop took place at the Central Auditorium (Hall-2) was well-received by the participants. We had a total of 319 registrations, demonstrating significant interest in the topic. Out of these, 110 participants attended the workshop.

From Algorithms to Strategies

The Departmental Placement Committee, Department of Computer Application at Integral University, Lucknow, organized a special seminar titled "From Algorithms to Strategies" in association with FundaMakers. The seminar aimed to address the pivotal question of "What After Graduation?" and explore the convergence of computers, technology, finance, and management. The event featured Mr. Surya Pratap Singh, CEO of FundaMakers, as the distinguished guest speaker.

Mr. Surya Pratap Singh is an accomplished motivational speaker, trainer, and verbal ability expert in India. He is the founder of FundaMakers, a CAT prep Institute in Lucknow, serving more than 3000 students, and also the chairman of two schools, showcasing his entrepreneurial versatility. Mr. Surya Pratap Singh's events have left a lasting impact on various prestigious institutions, including IIT Kanpur, IIT Kharagpur, IET Lucknow, BHU Varanasi, St. Xavier's College Calcutta, Aligarh Muslim University, Kirori Mal College Delhi University, Daulat Ram College (Delhi University), Miranda House (Delhi University), RML National Law University, Allahabad University, and many more. Mr. Surya Pratap Singh has received numerous accolades for his contributions to education, including:

The Education Excellence Award 2021 by ZEE Network.

Education Icon Award 2021 by Time of India.

"UP KE Ratan" Award 2021 by Bharat Samachar.

The seminar was attended by over 100 enthusiastic undergraduate students

majoring in Computer Science.

Byte Battle Escape “Capture The Flag”

Byte Battle Escape, also known as Capture the Flag {CTF}, is a cybersecurity competition, organized by the Cyber Awareness Club, Integral University, Lucknow. The event took place during Cyber Awareness Month in October. CTF competitions are designed to challenge participants' cybersecurity skills, encouraging them to solve a series of challenges to find hidden flags. These flags, often pieces of text, files, or data, are strategically placed on vulnerable systems or services within the competition environment. The primary goal of a CTF is to find and capture as many flags as possible within a set time frame.

Event Structure: Module 1: (October 10, 2023)

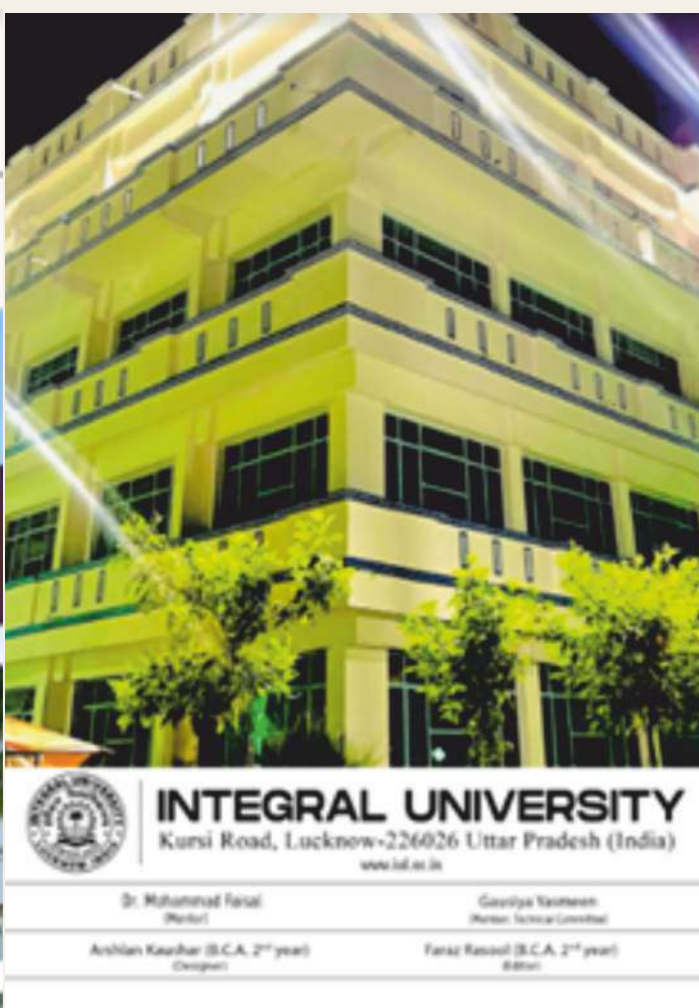
Total Number of Participants: 389

Description: Module 1 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: (October 13, 2023)

Total Number of Participants: 79

Description: 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.



CYBER BULLETIN

VIRUS ALERT

1. VIDAR

INFO-STEALING SOFTWARE



TARGETED DEVICE: Software like i.e., AnyDesk, USB, Trading applications

IMPACT: Gain access and steal the sensitive information from your device.

REMEDIES: Must follow safe practices, while browsing and also don't visit unauthorized website or don't download software from untrusted sources.

2. ZEROSBOT

MALWARE BOTNET



TARGETED DEVICE: Firewalls, Routers and Collapsers

IMPACT: Can access the device

REMEDIES: Keep software up to date, use proper configuration

3. PANGHAN BOTNET

BOTNETWORK



TARGETED DEVICE: Linux server

IMPACT: Access into the system with the help of existing credentials like username and password

REMEDIES: Use complex passwords, multi factor authentication system

4. BLACKCAT RANSOMWARE

RANSOMWARE



TARGETED DEVICE: Linux and Windows

IMPACT: Data recovered through ransomment and stole information for extortion

REMEDIES: Maintain offline backup of data, Backups must be encrypted and mutable

5. AUTOLOXUS MALWARE

ANDROID MALWARE



TARGETED DEVICE: Google Play Store

IMPACT: Eight android applications are infected, subscribe users to premium & begin accessing to advertisements

REMEDIES: Be wary of the information received, delete those infected applications, user consent for the application is very important

6. BLACK BASTA RANSOMWARE

RANSOMWARE



TARGETED DEVICE: Windows

IMPACT: Steals the sensitive data of the system

REMEDIES: Maintain offline backup of data, backup data must be encrypted and mutable

SCAM ALERT



Do not respond to spam mails without verification of the e-mail origin



Avoid job offers that ask you to deposit money

APPOINTMENT ORDER



Always prefer for personal interview. Scammers also conduct telephonic interview, which can be fake/risky



Check for spelling mistakes. Fake job offer mails generally have spelling mistakes and grammatical errors

BEWARE OF FAKE JOB OFFERS



Do not believe in emails received from personal mail id. Authentic job offers are sent from company registered emails



Never believe in the job offer to which you have not applied or if they ask for your personal information/bank details

CYBER SAKSHI ARITA ASHWIN

UNDER THE GUIDANCE OF

CYBER AWARENESS CLUB

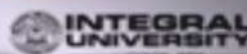
DEPARTMENT OF COMPUTER APPLICATION

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ALMANAC

VOLUME 2, 2022



INTEGRAL UNIVERSITY

DEPARTMENT OF COMPUTER APPLICATION

EVENTS AT A GLANCE

S.No.	Activity Details
1	Seminar on "Career and Education Prospects for Management Students in the UK" by SI -UK on 10th November 2022 for BBA - 2024 and 2023 Batch (Final and Pre Final year)
2	"Orientation Session of IBM Skills Build Program "on 10th November 2022 for All UG / PG Any Year By CCG&D Team.
3	Seminar on "Career Opportunities in Insurance Sector" By o Mr. Harish Gautam - Branch Head, LIC, o Mr. Raghavendra Kumar Verma - Development Officer, LIC on 10th November 2022 for BBA / B. Com / MBA - Final Year & Pre-Final Year, 2023 / 2024 Batch.
4	Seminar By Lens kart Solutions Pvt. Ltd. for Diploma in Optometrist / Bachelors in Optometrist - (Final and Pre-Final year) on 14th November 2022
5	Special Session on "Awareness of Various Entries through Staff Selection "Commission" By Mr. Sandeep Kumar Tripathi on 15th November 2022 for All UG / PG (Pre-Final / Final Year) Batch.
6	"Communication and Personal Interview Skills" By Dr. Athar Mehmood - Associate Professor Jaipuria Group of Institute Friday, 18th November 2022 for BBA / B. Com Final Year & Pre Final Year (2023 / 2024 batch)
7	Session on "Preparation for Group Discussion & Personal Interview" By Mr. Divya Darshan Joshi - Chief Mentor & Business Support Manager - Career Launcher (North India) Friday, 19th November 2022 for BBA / B. Com / B. Tech / BCA / MCA / M. Tech - Final Year & Pre-Final Year 2023 / 2024 Batch.
8	Online Session on "Implementation of Business-Specific Data Science Use Cases in the Financial Service Sector" by Mr. Samir Shah, Director, PwC on 19th November 2022 for B.A. (Economics) / B. Tech (BT / CSE) / M.Sc. (Bioinformatics) / M. Tech (Bioinformatics) / MCA - 2023 / 2024 Batch.
9	Seminar on "Preparation Path for Civil Services Examination" by Dhyeya IAS on 12th December 2022 for B. Tech. / BBA / B. Com / MBA 2024 / 2023 Batch (Final and Pre-Final year)
10	Online Employability Training Program (ETP) by Association of Muslim Professionals (AMP) for B. Tech / B. A. / BBA / BCA / B. Com / M.Com / B.Sc. / BPT / Diploma / GNM / MBA / MCA / B. Ed. (2022 / 2023 Batch) on 15th December 2022.
11	Special preparation session for Lootah Group of Companies, Dubai on 23rd & 24th December 2022 for B. Tech (Civil / Electrical / Mechanical) 2020 / 2021 / 2022 batch students.
12	Winter School for English Language & Aptitude 19th Jan to 7th Feb 23.
13	Workshop Series By Univ.AI (Dr. Rahul Dave - Co-Founder, Univ. AI) for BCA / MCA / B. Tech (CSE / ME) - 2023 & 2024 Batch from 13th Jan to 27th Jan 2023.
14	Offline Program on "How to start UPSC- Civil Service Preparation" by SHUBH IAS Academy, New Delhi for ALL UG / PG on 11th & 12th Feb 2023.
15	Seminar on "Option to study in Universities worldwide " by Mr. Prateek Garg Consultant, Global Reach, Lucknow for Final Year Physiotherapy / Paramedical / Nursing on 10th Feb 2023.
16	Workshop on "CAMPUS TO CORPORATE" by Mr. Romit Srivastava (Alumni of Indian Institute of Management Calcutta) for B.Sc. / B. Pharm. / Pharm. D, 2023 batch on 15th Feb 2023.
17	Training Program in English Language and Communication Skills from 15th Feb 2023 (20 hours program).
18	Workshop on "Tips for Personality Transformation and Art of Communication" By Ms. Ashna Ahmed (Communication Trainer) for B.Tech (CSE / ECE / EE / ME) on 1st March 2023.
19	Seminar On "New Trends in Tissue Culture Technology" by Mr. Vishwajeet Jadaun for B. Tech (BT / FT) / B.Sc. (BT) on 15th March 2023.
20	Workshop on "Tips for Personality Transformation and Art of Communication" By Ms. Ashna Ahmed (Communication Trainer) for B. Tech (CSE / ECE / EE / ME) on 23rd March 2023.
21	CCG&D Collaboration with Department of Law Seminar on "Importance of Soft Skill and Communication in Career Growth" by Mr. Asif Ahmad (Communication Expert) for LLB / LLM / BA (LLB) / BBA (LLB) on 22nd March-2023
22	Seminar on "Management Skills for a Successful Career - College to Corporate" by Major Ashutosh Pandey (Motivational Speaker & Trainer) for B. Sc. (All Branches) / B.Ed. / BA on 21st March 2023.]
23	Seminar on "Tips & Tricks for Success in Interview" by Mr. Sheshendra Bhadauria (DGM- Superhouse Limited, Kanpur) for BCA / MCA, 2023 batch on 22nd March 2023
24	Online workshop on "Build Your Career in Digital Marketing." by o Mr. Aalekh Tripathi - (Co-founder-Digiaccel) for MBA / BBA / B. Com / M. Com. / B. Tech. - 2023 Batch on 26th March 2023.
25	Workshop on "Best Practices in Marketing / Human Resources Management" by MBA / BBA / B. Com / M. Com. / B. Tech. - 2023 Batch on 25th & 26th of March 2023.

26	Online Workshop on 'Impact of Patents on Career Development' by Government of India and the Indian Patent Office for B. Tech / BBA / BCA / B. Com / B. Pharma / BPT / MBA / MCA / M. Tech / M.Sc. / M. Com / M. Pharma / MPT / Ph.-D. 2022 / 2023 Batch on 19th May 2023.
27	Seminar on "Guidance Session on Govt Job Preparation" by Rice Smart Campus Pvt. Ltd. For B. Tech. / MCA / BCA / MBA / BBA / M.Com. / B.Com. - (Final and Pre-Final year) on 23rd May 2023.
28	Webinar on "Roadmap to a Successful Career in Embedded Software Engineering" by Mr. Jegan A - Director - Embedded, Skill-Lync for B. Tech (CSE) / MCA - Final Year & Pre Final Year 2023 / 2024 batch on 19th May-2023.

1. Centre for Career Guidance and Development Integral University, Lucknow organized a Mega Job Fair in collaboration with AMP India Foundation at Integral University, Lucknow on Saturday, December 17, 2022.



Honorable Chancellor, Honorable Pro Chancellor, and Honorable Vice Chancellor along with Director CCG&D taking a round of the Job Fair.

2. Workshop on Preparation Path for Civil Examination Monday, December 12, 2022



Mr Sudhir Kumar, Sub Divisional Magistra giving a presentation

3. Orientation of IBM Skill Build Program on Thursday, November 10, 2022



Mr. Kush Tripathi, Senior Manager Training, edunet making a presentation.

Academic Progression

The faculty members published forty research articles in journals of high repute out of which 20 were in either Quartile 1 or 2 journals.

Faculty published book chapters in International books published by leading publishers

One National and one International Patent was granted

Two International Edited Books and One authored book were published from the department

The faculty and research scholars represented the institution at different International and National Conferences and presented their work.

One M.Sc. Chemistry final year student qualified for DST-Inspire fellowship.

The following activities/events were organized during the session 2022-2023:

Guest Lectures

The Department organized a guest lecture on "Environmental Sustainability: Current Scenario, Challenges and Way ahead" by Dr. Naveen Kumar Arora, Professor, B.R. Ambedkar University, on 13th September 2022 for the students of Science Faculty. The lecture was conceptualized to create awareness for the conservation of natural resources and protection of global ecosystems to support health and well-being. The lecture was further aligned with the United Nation's Sustainable Development Goals (SDGs) 13 and 15 and was attended by 150 students and faculty members.

A guest lecture on "Motivation and Leadership for Young Generation: Why and How" was delivered by Prof. V.P. Sharma, Chief Scientist & Prof AcSIR Regulatory Toxicology Group CSIR-Indian Institute of Toxicology Research, Lucknow, on 14th September 2022. The lecture was organized to guide the students in opting for the right career path. The activity was also aligned with the Sustainable Development Goal (SDG) 8 that endorses inclusive and sustainable economic growth and employment for all.

SLOGAN WRITING COMPETITION

A slogan writing competition on "Gender equality at the workplace" was organized on 12th October 2022. The participants presented aesthetic slogans and explained why equality amongst all genders is important for a healthy and prosperous work environment. The activity was aligned with the Sustainable Development Goal (SDG) 5 which states that gender equality is essential for a peaceful and prosperous world. The students of the Department participated in this activity and came up with wonderful slogans on the given topic. The activity was coordinated by Dr. Tahmeena Khan, Assistant Professor, Department of Chemistry.

World Science Day Celebration

The Department of Chemistry on 10th November, 2022, organized a Poster

Making Competition based on the theme, "World Science Day For Peace and Development", to commemorate the World Science Day which was coordinated by Dr. Tahmeena Khan, Assistant Professor, Department of Chemistry and Mohd. Arsh Khan (B.Sc. I.C. IInd Year). Students from different streams showcased their eye-catching posters depicting the various applications of Science for peace and sustainable development. The objective of the activity also covered the Sustainable Development Goal (SDG) 16 which emphasizes on promoting peaceful and inclusive peaceful and inclusive societies providing access to justice for all and building effective, accountable and inclusive institutions at all levels. The participants presented interesting scientific ideas for peace-building through eye catchy posters. The competition was judged by Dr. Minaxi B. Lohani, and Dr. Qazi Inamur Rahman.

Educational Visit

The Department of Chemistry organized an Educational visit to CSIR-Indian Institute of Toxicology Research on 7th December, 2022. The visit was arranged for Masters Students of the department. At IITR the students were received and briefed about the itinerary by Prof. V.P. Sharma, chief scientist & Prof AcSIR Regulatory Toxicology Group CSIR-IITR. The students were introduced to the functioning and applications of different characterization techniques like Scanning Electronic Microscopy (SEM), X-Ray Diffraction, and Transmission Electron Microscopy etc. The utility of these techniques in research was elaborated by experts from IITR. The students also visited the Central Instrumentation Facility of the institution. Overall it was a great learning experience for everyone. The students were accompanied by Dr. Minaxi B. Lohani, Prof. Malik Nasibullah, Dr. Firoj Hassan, Dr. Tahmeena Khan and Dr. Iqbal Azad.

Cultural Fest

The Department of Chemistry organized a "Cultural Fest" on 10th December 2022, which included Open Mic and Solo Singing Competitions. It was a great opportunity to showcase the budding talent. The event was a hit as the students who participated enthusiastically. The event was coordinated by Dr. Minaxi Lohani, Dr. Saimah Khan and Dr. Iqbal Azad. The event provided opportunity to the students to showcase their talent. A large number of students participated in the event, making it a great success.

Sports Fest

The Department organized a Sports Fest from 10th-17th November 2022, which included a variety of competitions like Cricket matches, Tug of War, badminton, and long jump etc. The event was coordinated by Dr. Naseem Ahmad, Dr. Firoz Hassan, and Dr. Nafees Ahmad. The fest was a great success and the students got an opportunity to show their skills in sports.

National Science Day Celebrations

The Department organized a Two-Day program to commemorate the National



Science Day on 27th & 28th February 2023, under the coordination of Dr. Tahmeena Khan. On 27th February, poster making, slogan writing and quiz competitions were organized in which approximately 100 students from different departments enthusiastically participated. The proceedings of the first day were co-supervised by Dr. Saimah Khan. The venue on 28th February 2023 was Hall-1, Central Auditorium building. The chief guest for the occasion was Prof. Aqil Ahmad, Advisor to Honorable Chancellor. The day opened with a message from the Dean, Faculty of Science and Head, Department of Chemistry Prof. Abdul Rahman Khan. He motivated the gathering to pursue their dreams and excel in academics and research. It was followed by the address by the chief guest who shared intriguing anecdotes from his life as an academician and a well-known researcher. An interesting quiz was organized and coordinated by Dr. Minaxi Lohani, who also co-supervised the proceedings of the second day's event. To encourage and promote interest among the students towards science and technology, an oral presentation session was organized and six students chosen from the different departments of the faculty of science very ably elaborated the theme of the event and dwelled upon the significance of science for global well-being. All the winners of the competitions were felicitated by the chief guest. Certificates of appreciation were also awarded to the student coordinator(s) Mohd. Arsh Khan, Bushra Jamshed, Priyanjali Kaushal, Aliza Fatima, Anchal Patel and Wareesha Farooqui.

Plantation Drive

A plantation drive was organized by the Department on 2nd May, 2023. The plantation was done in the corridor of the first floor of Academic block-D, around the Chemistry lab. About 70 students from different classes participated enthusiastically and potted saplings, particularly those which grow and nurture in shade. The activity was coordinated by Dr. Naseem Ahmad, Dr. Iqbal Azad and Dr. Tahmeena Khan from the Department of Chemistry.

World Ozone Day 2023

The World Ozone Day is observed annually on September 16. The day is marked to create awareness about the importance of the conservation of the ozone layer which is depleting rapidly leading to global warming and climate

INTEGRAL UNIVERSITY
DEPARTMENT OF CHEMISTRY
 organizes
POSTER MAKING COMPETITION
 ON THE OCCASION OF
WORLD SCIENCE DAY FOR PEACE AND DEVELOPMENT

Rules of the Event:

- Content must be drawn on the white chart paper only.
- Details including Name, Enrollment Number, Course (with year & semester) must be mentioned on the top right corner of the chart.
- Registration is compulsory only using IUI e-mail id.
- Submit the poster by 9th November 2022.

THEME:
SCIENCE FOR PEACE AND DEVELOPMENT

Scan the QR CODE for the registration form of the event.

REGISTER NOW

STUDENT COORDINATOR
 Mohd. Arsh Khan (BSc IC)
 9140811857

TEACHER COORDINATOR
 Dr. Tahmeena Khan
 Assistant Professor
 Department of Chemistry

change. The day is also recognized to commemorate the Montreal Protocol which was adopted in the year 1987. In fact, the sustainable Development Goals 13 and 15 adopted by the United Nations also accentuate climate action and protection of life on land. To create awareness and encourage a sense of responsibility towards the conservation of the environment among the students, the Department of Chemistry in collaboration with the Department of Environmental Science organized a paper presentation competition to mark World Ozone Day. The event was organized on 19th September 2023. An educational video on this year's theme "Montreal Protocol: Fixing the Ozone Layer and Reducing Climate Change", was shown to the audience and later on, the hazardous consequences of ozone depletion were explained by Dr. Mohd. Imran Ahmad from the Department of Chemistry. The participants from different streams presented their views through attractive and informative presentations. The activity was coordinated by Dr. Tahmeena Khan, Assistant Professor, Department of Chemistry, Dr. Mohammad Imran Ahmad, Assistant Professor, Department of Chemistry and Dr. Amina Jafri, Assistant Professor, Department of Environmental Science. The competition was judged by Dr. Rahila Rahman Khan, Assistant Professor, Department of Environmental Science and Dr. Shahla Tanveer, Assistant Professor, Department of Chemistry. Mohd. Arsh Khan and Hera Shakeel were the student coordinators for the event.

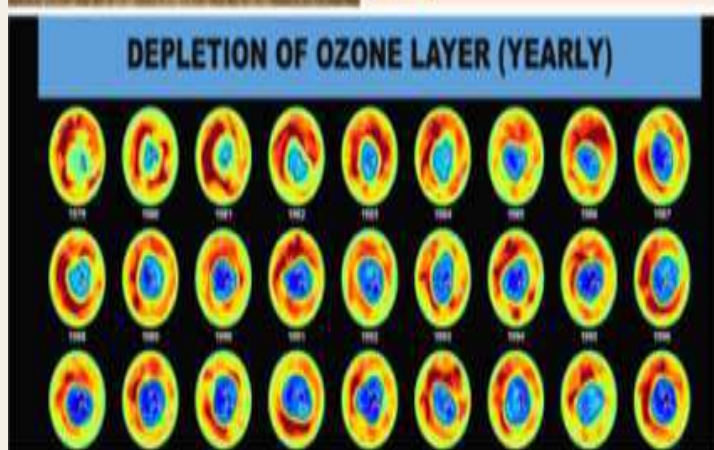


FIXING OZONE LAYER & REDUCING CLIMATE CHANGE

INTEGRAL UNIVERSITY
LUCKNOW

WORLD OZONE DAY

PPT BY: TANISHKA SONI
BFS 1ST YEAR



INTEGRAL UNIVERSITY
Department of Chemistry
organizes
SPORTS FEST

Date: 10th - 17th November (2022)

Timings: 2pm onwards

List of Events:

1. Cricket
2. Football
3. Badminton
4. Kho Kho
5. Tug of War
6. Long Jump
7. Race

All the participants will receive a Certificate of Participation & Winners will be rewarded by Certificate of Merit and Trophies.

Scan the QR CODE for participation form.

ENROLL NOW

For more details kindly contact the Event Student Coordinator.

Student Coordinator		Faculty Coordinator
Mohd Arsh Khan BSc IC (2nd Year) 9140811857	Alok Kumar Maurya BSc ZBC (3rd Year) 8957001582	Dr. Naseem Ahmad Dr. Firoz Hasaan Dr. Nafees Ahmad

INTEGRAL UNIVERSITY
Department of Chemistry
organizes
Plantation Drive

EVENT DETAILS

- Date: 02/05/2023
- Time: 11:30 am Onwards
- Venue: Academic Block D, 1st Floor

FACULTY EVENT COORDINATORS

DR. NASEEM AHMAD

DR. IQBAL AZAD

DR. TAHMEENA KHAN

SUSTAINABLE DEVELOPMENT

15

13

GOALS

XIV INTEGRAL UNIVERSITY CONVOCATION



From left : Prof. Haris Siddiqui, Dr. Syed Nadeem Akhtar, H.E. Mr. Mustafa Jawara, High Commissioner of the Republic of the Gambia, New Delhi, Mrs. Azra Waseem, Prof. Syed Waseem Akhtar, Hon'ble Defence Minister, Government of India, Shri Rajnath Singh, Hon'ble Deputy Chief Minister, Government of Uttar Pradesh, Shri Brajesh Pathak, Prof. Javed Musarrat, Prof. A.R. Khan

The XIV Convocation of Integral University, Lucknow, was held on Friday, 13th January 2023, to award degrees to the graduated students across various disciplines. The Chief Guest for the occasion was the Hon'ble Defence Minister, Government of India, Shri Rajnath Singh. The Hon'able Deputy Chief Minister, Government of Uttar Pradesh, Shri Brajesh Pathak graced the occasion as the Guest of Honor. The Convocation was presided by the Hon'able Chancellor and Founder, Integral University, Prof. Syed Waseem Akhtar who conferred the degree of D.Lit. (Honoris Causa) on H.E. Mr. Adama Barrow, the President of the Republic of the Gambia, which was received on his behalf by the Distinguished Guest, H.E. Mr. Mustafa Jawara, High Commissioner of the Republic of the Gambia, New Delhi.

A total of 3435 degrees were conferred on the occasion. There were a total 67 Ph.D Awardees for the session, 85 Gold Medalist and 82 Silver Medalist for the session 2021-22. Anam Tanveer, M.Tech (Bioinformatics) received the award for University Topper and Syed Tuba Jamal, BBA (Financial Services) was the Second Topper of the University.

The event started at 11:30 am with the University Tarana. Defense Minister, Shri Rajnath Singh, released the much-awaited Biopic "Junoon Ki Daastan" based on the life of the Chancellor of the University, Prof. Syed Waseem Akhtar. He honored the Chancellor Prof. Syed Waseem Akhtar and Mrs. Azra

Waseem, Founder and Director, Techno Group of Schools, Lucknow, for 25 Years of Excellence of Integral University. Shri Rajnath Singh addressed the audience with his welcoming and inspiring words. He expressed his heartfelt gratitude towards the university for having him for that educational event. Being a teacher and mentor himself, he appreciated the efforts of the Chancellor for making the University a pathway to success. He acknowledged the University for its Research-Intensive environment and its Digital infrastructure. He emphasized on gender inclusivity and praised the "Vasudhaiva Kutumbakam" spirit imbibed by the University. He praised the University for its intention to 'Integrate'.

Deputy CM, Government of Uttar Pradesh, Shri Brajesh Pathak who visited the University as the Guest of Honour congratulated the Degree recipients and praised the University for its quality education system. H.E. Mr. Mustafa Jawara, High Commissioner of the Republic of the Gambia, New Delhi, praised the University by stating that "It is the complete embodiment of a complete Human Being". He was delighted with the progression of the University where it ranks 3rd among the State Private Universities in Uttar Pradesh and is positioned amongst the top 100 Universities in the country in the Indian Institutional Ranking Framework, New Delhi.

Chancellor and Founder, Integral University, Prof. Syed Waseem Akhtar,

congratulated the students on their achievement and spoke of the Three Religions that the University practices: Humanity, Patriotism and Communal Harmony. Hon'ble Pro Chancellor Prof Nadeem Akhtar expressed his gratitude towards the Hon'ble Defense Minister for his gracious presence. He congratulated the students along with their parents and teachers. The Hon'ble Vice Chancellor, Prof. Javed Musarrat, presented the Annual Report of the University and emphasized on the Bilateral Educational opportunities available in the University. Prof. Mohammed Haris Siddiqui, Registrar, Integral University, proposed the Vote of Thanks to all the dignitaries and audience. The event successfully closed with the National Anthem.



COMMUNAL HARMONY CAMPAIGN WEEK

19th – 25th November, 2022, celebrated at Integral University, Lucknow

Communal harmony is the urgent need of hour to make the world a happy living place for all. This philosophy is deeply rooted in the core foundation values of Integral University. Marching ahead on this core value, the Integral University has become a benchmark of 'Truly Global University' which welcomes the students from different countries and different walks of life without any discrimination. Furthering the spirit of communal harmony through National Foundation for Communal Harmony, the Cultural Society and the Department of Physics of Integral University, under the aegis of office of Dean Students' Welfare, celebrated Communal Harmony Campaign Week at Integral University from 19th to 25th November, 2022.

During the week-long program various events like slogan writing, rangoli making and poster making were organized on the theme of communal harmony, in which students from various departments participated in these competitions. Students were asked to design, draw and share their thoughts to deliver a meaningful message focusing on the main theme of the event and winners were announced on the basis of their prolific performances. All the participants showcased their creative skills, where they presented their aesthetic and creative ideas.

On this occasion, a guest lecture on the topic "Communal Harmony-key to National Integration", was delivered by an eminent speaker Professor Nishi Pandey from Lucknow University who was introduced and welcomed by Professor Monowar Alam Khalid, Dean, Students' Welfare, Integral University. In her lecture, Professor Nishi Pandey explained the importance of communal harmony in a broader perspective which is ingrained in our Indian culture since ages. She informed, that nowadays, there is disharmony on the basis of religion, gender, caste, colour, social and economical status. She concluded that communal harmony is a must for any society to live in peace and fraternity.

To strengthen the spirit of communal harmony, students and faculty co-coordinators of High Note Music Society of Integral University also gave incredible performances with patriotic and communal harmony songs. The gracious presence of Prof. T. Usmani, Proctor and Dean, Doctoral Studies during the last day of programme along with Prof. Monowar Alam Khalid, Dean, Students' Welfare made the event more significant. The week-long program was well coordinated by Dr. Seema Srivastava, Head, Dr. Syed Salman Ahmad Warsi, Associate Professor from Department of Physics along with all the student's coordinators. The programme fulfilled its purpose of flaming creativity and also giving the food of thought to the young minds on the importance of communal harmony. The program ended with the vote of thanks given by Mr. Ghazali Sami of Directorate of International Affairs, who expressed his gratitude to one for making this vibrant event a grand success. At the end of the program, the winners of all the competitions were awarded trophies by the chief guest and the dignitaries present in the event. Following is the list of prize winners:



Prof. Nishi Pandey, Department of English & Modern European Languages Director
Women's Development Center, University of Lucknow

Guidance Program on Career Opportunities after B. Tech in Association with ACE Engineering Academy.

The Department of Civil Engineering, Integral University, Lucknow, in association with ACE Engineering Academy, organized a one-day seminar on "A Guidance Program on Career Opportunities after B. Tech" on October 12, 2022, at Seminar Hall of the Department of Civil Engineering (Second-floor F-Block). The speaker was Mr. Shankar Wadne, a motivational speaker at ACE Engineering Academy, New Delhi.

The students had actively participated and asked questions such as how to prepare for a GATE, IES, and competitive exam for recruitment. Mr. Wadne very well answered all the questions asked by the students. Event Coordinator Mr. Mohd Kashif Khan, Associate Professor, Department of Civil Engineering, Integral University, Lucknow, proposed the vote of thanks and expressed his deep gratitude for the guest speaker. He also thanks Dr. Syed Aqeel Ahmad for his continuous motivation and guidance in organizing such informative events. There were a total of 58 participants. The session drew a lot of attention and excitement.

Expert Lecture on "Conservation of Ground Water Resources"

The Departmental Quality Assurance Cell (DQAC), Department of Civil Engineering, Integral University, Lucknow organized an expert Lecture under the supervision of Prof. Aqueel Ahmad on "Conservation of Groundwater Resources" on 11th November 2022, at Seminar Hall, Second Floor, Block-F. This session was organized for the students to make them aware of the challenges to be faced by them as a professional and individuals in the future due to depleting groundwater reserves.

Mr. Zishan Raza Khan, Associate Professor, Department of Civil Engineering, welcomed Professor V.K Garg, Professor, BBAU, Lucknow. He discussed the effects and consequences of depleting groundwater resources on civil structures and society. He explained various policies, processes, and methodologies to minimize its ill effect. He also discussed the importance of rainwater harvesting, water recycling, and reducing and reuse of water in

buildings. He motivated students on water conservation. Dr. Neha Mumtaz, Convener DQAC, proposed the vote of thanks. The program was a grand success.

Interaction session with L&T Expert

In compliance with Sustainable Development Goal 4 (SDG 4), to provide an inclusive and high-quality education, the Departmental Quality Assurance Cell (DQAC) of the Civil Engineering, organized an expert interaction session with Mrs. M.F. Febin, Business Head- College Connect Business L&T EduTech (Civil Engineer) held on 18th November 2022 in the Departmental Seminar Hall of Civil Engineering Department, Integral University, Lucknow.

Dr. Syed Aqeel Ahmad, Head, Department of Civil Engineering, welcomed Mrs. M.F. Febin and Mr. Nehal Shah, Area Manager, L&T EduTech, Ahmedabad. He also motivated the students to inculcate an industry-ready approach toward learning. During her interaction, she stated that quality education will improve the learner's standard of living and the community's future.

Lastly, she concluded that EduTech, with the expertise of the best engineers, academicians, and digital technology, will take quality engineering education to every household. She also elaborated that this initiative supports theory-to-practice connect, real-world skills, and employability and is very appropriate. Dr. Neha Mumtaz, Assistant Professor, proposed the vote of thanks at the end of the event.

Technical Event: Param Nirman- "Working Model Making Competition"

The Department of Civil Engineering successfully organized a technical event: Param Nirman- Working Model Making Competition. The working models were demonstrated on 17th December 2022, Ground Floor, Department of Civil Engineering, Block-F. The event aimed to create a platform to explore, learn, and promote engineering applications among the students through a working model development competition. The objective was to transform the young potential into technical excellence with the flame of curiosity, knowledge, technology, and application. This event fulfilled the objectives of SDG-4 and SDG-9 by facilitating quality education in



the field of civil engineering.

The event was graced by a galaxy of dignitaries including Hon'ble Chancellor Prof. Syed Waseem Akhtar, Hon'ble Pro-Chancellor Dr. Syed Nadeem Akhtar, Hon'ble Vice-Chancellor Prof. Javed Mussarat, Mr. Syed Adnan Akhtar, Director-International Campus & CIED, Mr. Syed Mohammad Fauzan Akhtar, Executive Director, Integral Institute of Medical Sciences & Research, Lucknow.

12 groups registered in this event and 11 demonstrated their prepared working models. The models were judged on the Model Performance, Engineering Application, Creativity in the Model, Presentation, and Q/A Session.

The winner of the event was Group 4, Integral's Mini Dam, which demonstrated the working of the dam with a working sluice gate capable of generating hydroelectric power. All the groups excellently demonstrated the ability of critical thinking and application of engineering knowledge.

Site Visit at "Bharwara Sewage Treatment Plant"

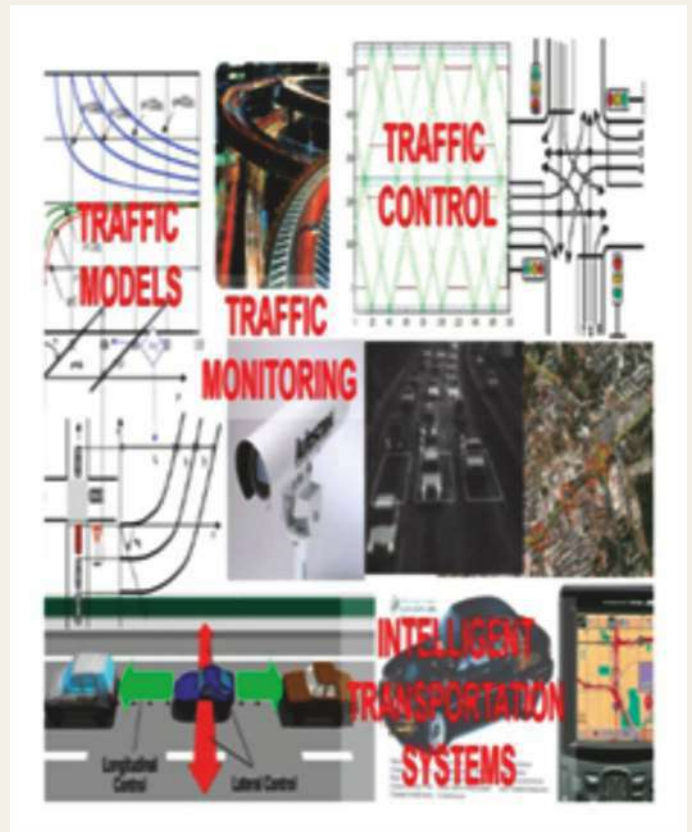
Department of Civil Engineering strongly believes that site visits are an aid to the educational component of teaching and learning methods. It allows the students to develop a valuable insight into how civil engineering theory is put into practice. In this context, the Departmental Quality Assurance Cell, Department of Civil Engineering, Integral University, organized a site visit on 26th December 2022 for the students of B.Tech. Final year and M. Tech Environmental Engineering Final Year at Bharwara Treatment Plant located in the outer parts of Gomti Nagar, Lucknow.

Bharwara sewage treatment plant is Asia's largest sewage treatment plant built in 2010 and Operation commenced in 2011 by U.P. Jal Nigam. The project cost is ₹360 crore. It has a design capacity of 345 million liters per day and covers an area of about 120 hectares. The plant is based on the Up-flow Anaerobic Sludge Blanket Reactor [UASBR] Technology.

The students were accompanied by faculty members Dr. Neha Mumtaz, Mr. Mohd Sadat, and Mr. Mohd Riyaz on 26th December 2022. At the plant, students were welcomed and briefed about the plant by Mr. Saurabh Yadav, J.E U.P. Jal Nigam. He along with assistants took the students on a detailed tour of the plant.

Alumni Interaction focusing on "Star Rating for Safer Urban Roads"

The Department organized an Alumni Interaction focusing on "Star Rating for Safer Urban Roads" on 22nd February 2023, at Seminar Hall (Second Floor, F-Block). Er. Adil Ata Azmi the alumnus is a Gold Medalist of the (2014-18) batch. He has done his Master of Planning from SPA and pursuing Ph.D. from SPA, New Delhi. The program was initiated with the welcome address by Dr. Syed Aqeel Ahmad, Head, of the Department of Civil Engineering, followed by the interaction by Er. Adil Ata Azmi.



During his interaction, Er. Adil emphasized that road accidents are considered the major cause of death in India and various parts of the world. According to WHO 2016 data, the prime cause of death due to injury is road accidents, and high speed is the major cause of the Accident.

Site visit at "Ghatampur Thermal Power Plant"

The Department in collaboration with L&T organized a site visit for the student of Civil Engineering at Ghatampur Thermal Power Station construction site located at Ghatampur Tehsil in Kanpur district of Uttar Pradesh, on 21st March 2023. Such site visits are designed to demonstrate how academic concepts are implemented in real life.

The Ghatampur thermal Plant is planned to be a coal-based supercritical thermal power plant with a capacity of 1980 MW (3X660 MW). The thermal power plant will comprise three 660MW supercritical Coal-fired power generating units, each unit will be equipped with a super-critical forced-circulation & pulverized firing boiler, a 3000 rpm multi-cylinder reheat condensing turbine generator, a 275m high tri-flue chimney and a natural draft cooling tower. The Ghatampur thermal power plant will be expected to generate 14000 million units (MU) of energy each year and will consume about 11.35 million tonnes (Mt) of coal in a year. A total of 9 students were accompanied by Mr. Mohd. Kashif Khan and Mr. Mohd Sadat, faculty members from Integral University, and Mr. Upinder Kaiser, a representative from L&T EduTech, visited the site. At the plant office, Mr. Debu Ghosh and Mr. G. Jaishanker welcomed all students and Mr. Cheema, Senior Engineer, L&T, briefed them about the plant through PowerPoint presentations and videos.

World Water Day 2023

In compliance with the University activity calendar directives, the Department organized "World Water Day 2023" on 22nd March 2023. World Water Day is an annual observance day highlighting water resources' importance and advocating its sustainable management. It focuses on accelerating change to solve the water and sanitation crisis. Celebrated annually on 22 March, World Water Day raises awareness and inspires action to tackle the water and sanitation crisis.

The theme of World Water Day 2023 is Accelerating change. A change to solve the water and sanitation crisis. Dysfunction throughout the water cycle undermines progress on all major global issues, from health to hunger, gender equality to jobs, education to industry, and disasters to peace. To raise awareness and acknowledge the worth of this exquisite natural resource, an Online Quiz Competition (Quiz on Water-Aquatech 2.0) was organized on 21st March 2023 followed by an Expert Lecture on 22nd March 2023.

The guest of honor **Er. Alok Kumar Sinha, Superintending Engineer, Minor Irrigation Former Chief Engineer (SWSM/JJM)** delivered an expert lecture. He emphasized that right now, we are seriously off-track to meet Sustainable Development Goal (SDG) 6: water and sanitation for all by 2030. The expert lecture was followed by the prize distribution ceremony. E- Certificates were also provided to all the participants. The event was successfully organized by Mr. Tabish Izhar and Dr. Neha Mumtaz, Assistant Professors, Department of Civil Engineering.

Expert lecture on Construction Equipment

The Department of organized an expert Lecture on "Construction Equipment"



on March 23, 2023, at Seminar Hall (Second Floor, F-Block). This session was organized for the students to make them aware of the types and uses of construction Equipment at Sites and the challenges to be faced by selecting them for the site. Mr. Mohd Kashif Khan, Associate Professor, Department of Civil Engineering, Integral University, Lucknow, welcomed the speaker Mr. Ramnivas Singh, Engineer at L&T.

Mr. Singh said that Construction Equipment is used to achieve larger output and cost-effective, execution of work that is not feasible by manual efforts. It reduces the amount of heavy manual work which would cause fatigue, maintain large output, and finalize projects on time. The session was very informative. At the end of the session, Mr. Faraz Hasan Qadri proposed the vote of thanks for the guest speaker. He also thanked Prof. Syed Aqeel Ahmad, Head, Department of Civil Engineering, Integral University for his continuous motivation and guidance in organizing such informative events.

Seminar on BIM Technology and Project Management

The Department organized a seminar "BIM Technology and Project Management" on April 1st, 2023, in collaboration with TechPMC Infosolutions Private Limited. The seminar was skillfully coordinated and managed by Mr. Tabish Izhar, Assistant Professor. Building Information Modeling (BIM) is the foundation of digital transformation in the architecture, engineering, and construction (AEC) industry. BIM is used to improve the efficiency of the construction process, reduce waste during construction, and improve the quality and efficiency of the buildings.

The seminar on "BIM Technology and Project Management" was presented by Mr. Shashank Dixit, Associate Director-Project Management Consulting, TPMC Infosolutions Pvt Ltd, and Mr. Abhinav Mishra, Head Technical, TPMC Infosolutions Pvt Ltd. Mr. Shashank Dixit talked about the importance of Building Information Modelling in the architecture, engineering, and construction (AEC) industry. Mr. Shashank Dixit demonstrated the use of various software during different stages of BIM such as REVIT, PRIMAVERA, NAVISWORKS, etc.

Mr. Abhinav Mishra talked about the demand for BIM engineers in the architecture, engineering, and construction (AEC) industry. He explained, how the BIM technology is saving huge amounts of money for the clients and will be the way for the construction industry.

The seminar ended with an interactive session with the audience. A total of 47 students and 8 faculty members from the civil engineering department participated in the seminar with great enthusiasm and seriousness.

Professional Development Program on "Scientific Plotting in Python

Scientific visuals can be essential for analyzing data, communicating experimental results, and even making surprising discoveries. Visualizations can reveal patterns, trends, and connections in data that are difficult or impossible to find any other way. Plotting the data allows us to see the

underlying structure of the data which wouldn't be otherwise possible. Plotting data has been one of the most important things in the scientific community in presentations, journals, conferences, etc.

To enhance the skill of extraordinary plotting, the Department organized a Three-Week Professional Development Program on "Scientific Plotting in Python" from 12th April 2023 to 9th May 2023. The PDP began with the inaugural session on April 12th, 2023. Prof. Syed Aqeel Ahmad, Head, Department of Civil Engineering, welcomed all the resource persons, faculty members, research scholars, and students. Further, he discussed the need for Scientific Plotting in the field of research. He also motivated all the participants to proactively participate in PDP modules, assignments, and quizzes.

The last day of the PDP witnessed a Valedictory Session by Dr. Neha Mumtaz, Associate Professor, Department of Civil Engineering, Integral University, Lucknow. She presented a brief report on all the sessions covered during the PDP and thanked all the Speakers & participants for making this PDP a successful event with positive outcomes..

A National Level Online Quiz "Enviro Olympiad 3.0

On the occasion of World Environment Day 2023, the Department organized Enviro Olympiad 3.0; a National Level Awareness online quiz on June 5, 2023.

The theme for World Environment Day focused on solutions to plastic pollution under the campaign #BeatPlasticPollution. The world is being inundated by plastic. More than 400 million tons of plastic is produced every year, half of which is designed to be used only once, out of that, less than 10 percent is recycled. An estimated 19-23 million tons end up in lakes, rivers, and seas. Thus, to inculcate knowledge and awareness, a national-level quiz was organized and opened for all age groups and was free of charge. It consisted of multiple-choice questions that tested participants' knowledge, application, and analytical skills; and simultaneously spread awareness on various topics related to the environment.

Major Highlights:

- Total Participants: 1104 from 6 countries and 7 states of India.
- Participants ranged from School Students, Undergraduates, Postgraduates, Academicians, Engineers, and Medical Professionals.
- Students from 37 Schools and 49 Institutes participated in the quiz.

Students from many renowned institutions like SGPGI Lucknow, IIT-BHU, Jamia Millia Islamia University, Aligarh Muslim University, Babasaheb Bhimrao Ambedkar Central University, TERI School of Advanced Studies, Central University of Haryana, Central University of Jharkhand, Chandigarh University, CSIR-IHBT, CIPET, Burdwan University, UPES Dehradun, Delhi University, Mumbai University, CSIR-NEERI, SPA Delhi and many more in the row have participated in the Quiz.

Expert Lecture on "Bridging Academic and Industrial Realities"

The Department recognises the pivotal role of industrial-academic interactions in shaping the future of engineering education, So, the department organised an interactive lecture by Mr. Parag Jain, Manager of the construction giant, Larsen & Toubro (L&T) for the Uttar Pradesh and Uttarakhand regions, Lecture held on August 23, 2023, in the Seminar Hall on the second floor of the F-Block. The event was attended by students and faculty of the Department of Civil Engineering,

The event started with a warm welcome from Mr. Mohd Kashif Khan, an Associate Professor in the department. He introduced Mr Jain and set the stage for an informative session.

Mr. Jain began by introducing his company, L&T, and discussed some of their significant construction projects. He then moved on to innovative construction techniques that are changing the industry. He talked about 3D printing in construction, where buildings are made layer by layer. This method is precise and offers flexibility in design. He also mentioned prefabricated structures, where parts of a building are made in a factory and then put together at the construction site. This method can save time and resources.

One of the highlights was about career opportunities in construction. He emphasized that there are many job openings for those studying civil engineering, there are exciting careers waiting for you.

Additionally, Mr Jain shared that L&T is partnering with Integral University. Their aim is to offer courses that prepare students for the construction industry, giving them a head start even before they graduate.

Following the lecture, there was a lively question-and-answer session, providing students an opportunity to go deeper into the topics discussed and gain first-hand insights from Mr. Jain. As the program drew to a close, gratitude was expressed to the esteemed guest and all participants. Special thanks were given to the head of the department for organising such an educational event that bridged the gap between academic learning and industrial realities.

The Alumni Interaction Program

The Department organized an Alumni Interaction Program on August 26, 2023, featuring Er. Arvind Singh, Project Director of the Kanpur Metro, Uttar Pradesh Metro Rail Corporation (UPMRC). The event aimed to provide a platform for students and faculty to engage with a distinguished alumnus and gain insights into the real-world experiences of a successful civil engineer. The programme was attended by faculty members, staff members and the students of the Department of Civil Engineering.

Er. Arvind Singh is an alumnus of M.Tech in Construction Technology & Management, Integral University Batch 2020-2023, He has since carved a successful career in civil engineering and currently holds the prestigious position of Project Director for the Kanpur Metro project. Er. Singh's extensive

experience and expertise in the field made him an ideal choice for this alumni interaction.

Er. Singh shared his inspirational journey, starting from his days as a civil engineering student at Integral University to his current role as the Project Director of the Kanpur Metro. He discussed his challenges and the lessons he learned along the way. He emphasized moral values, ethics and the importance of discipline as the key aspects of professional life. He elaborated on the adopted world-class technology with fully advanced tools, ranking it as an advanced rapid transit adopted by UPMRC.

He pondered that from maintaining Big Data to Automatic Train Operation, in-house ERP system, state-of-the-art Communication-Based Train Control Signalling system, to Automatic Train Supervision system with Automatic Route Setting and Automatic Train Regulation, UPMRC is handling the mega metro projects with the most advanced technologies. He also shared that Lucknow metro is the first metro in India to sanitise the coaches using UV rays.

Er. Singh provided an overview of the Kanpur Metro project, its significance for the city, and the role of civil engineers in its successful implementation. He highlighted the various phases, challenges, and innovations involved in this major infrastructure undertaking.

The discussion included insights into the latest trends and technologies in civil engineering and metro rail systems. Er. Singh emphasized the importance of staying updated with industry developments and the role of continuous learning.

He offered valuable career guidance to the students, stressing the importance of building a strong foundation in engineering principles, effective communication, and teamwork. He encouraged students to pursue internships and gain practical experience during their studies. The event concluded with an engaging Q&A session, where students and faculty had the opportunity to ask questions and seek advice from Er. Singh. Topics ranged from project management challenges to sustainable engineering practices.

The Alumni Interaction Program with Er. Arvind Singh was a resounding success, providing students with a unique opportunity to learn from a distinguished alumnus who has achieved remarkable success in the field of civil engineering.

The program ended with a vote of thanks proposed by Dr. Neha Mumtaz.

One-Day Workshop on "BIM Technology"

The Department organized a seminar "BIM Technology" on 5th September 2023, in collaboration with M/s Slcces Pvt. Ltd, Lucknow. The seminar was skillfully coordinated and managed by Mr. Anwar Ahmad, Associate Professor, Department of Civil Engineering. Building Information Modelling (BIM) is the foundation of digital transformation in the architecture, engineering, and construction (AEC) industry. BIM is used to improve the efficiency of the

construction process, reduce waste during the construction and to improve the quality and the efficiency of the buildings.

The seminar on "BIM Technology and Project Management" was Chaired by Mr. Vishal Singh, Architecture Head, M/s Slcces Pvt. Ltd, Lucknow. Mr. Vishal Singh talked about the importance of Building Information Modelling in the architecture, engineering, and construction (AEC) industry. He explained the cycle of Building Information Modelling and various dimensions of Building Information Modelling technology. Mr. Vishal Singh demonstrated the use of various software's during different stages of BIM such as REVIT, PRIMAVERA, NAVISWORKS etc. He also elaborated how the various different engineering tasks can be easily simplified and accelerated using the BIM technology.

Expert Talk by Prof. Abdul Azeez Kadar Hamsa

The Department organized an expert talk. Prof. Abdul Azeez Kadar Hamsa delivered a talk on "Emerging Trends in Civil Engineering: A Sustainability Approach" in the Seminar Hall on the Second Floor, Block F on September 18, 2023.

Prof. Hamsa, is currently a Professor at the Department of Urban and Regional Planning, Kulliyah of Architecture and Environmental Design, International Islamic University Malaysia. Upon completing his PhD in Urban and Regional Planning in 1998, he joined the Department of Urban and Regional Planning, Kulliyah of Architecture and Environmental Design, International Islamic University Malaysia in 1999. Prof. Hamsa, then, continued his post-doctoral fellowship at Shibaura Institute of Technology, Japan under the Japan Society for the Promotion of Science (JSPS) post-doctoral fellowship award from April 2000 to September 2001.

Prof. Abdul Azeez Kadar Hamsa's expert talk included Smart Campus Infrastructure, Sustainable Building Design, and Innovations in Campus Transportation. He also discussed a case study of the Bicycle Plan for the IIUM Gombak Campus and provided valuable insights and practical recommendations for enhancing the sustainability and livability of the campus. He elaborated that the integration of smart technologies, sustainable building design, and a focus on pedestrian and bicycle-friendly infrastructure aligns with the university's commitment to environmental stewardship and student well-being. This plan, in particular, presents an opportunity to reduce the campus' carbon footprint, promote a healthier lifestyle, and contribute to a more sustainable future.

One-Day Seminar on "Cyclone Dynamics & Nano-Materials Characterization Techniques" in Compliance with SDG-4 & SDG-9

The Department organized One-Day seminar on "Cyclone Dynamics & Nano-Materials Characterization Techniques" in Compliance with SDG-4 & SDG-9 F on October 12, 2023. The keynote speakers of the seminar were Mr. Vivek

Singh, scientist in Indian Institute of Tropical Meteorology, Delhi Branch, Ministry of Earth Sciences, Govt. of India, New Delhi and Dr. Chandresh Kumar Rastogi, assistant professor at the Nanotechnology Program, CAS (AKTU) Lucknow.

The details of seminar

The seminar was started with a welcome address by Prof. (Dr.) Syed Aqeel Ahmad, Head of Civil Engineering Department.

Mr. Vivek Singh delivered lecture on "Cyclone Dynamics, Physics and Aerosol re-distribution: An Indian Perspective" and Dr. Chandresh Kumar Rastogi delivered lecture on "An Overview of Nanomaterials Characterization Techniques". in the Seminar Hall on the second floor Block F on October 12, 2023. Mr. Vivek Singh, currently working as a Scientist in Indian Institute of Tropical Meteorology, Delhi Branch, Ministry of Earth Sciences, Govt. of India, New Delhi. Mr. Singh has done very extensive work in Tropical cyclone modelling, Aerosol characteristics over Indo-Gangetic Basin.

Mr. Vivek Singh's expert lecture included cyclones and tornados and the essential conditions for the formation of cyclones. He discussed the case study of extremely severe cyclonic storm Fani (2019) using NCUM global model and case study of extremely severe cyclonic storm Tauktae (2021) over Arabian sea along with their intensification causes. He also demonstrated about Aerosol re-distribution and damage analysis along with Case studies of cyclone Tauktae (2021) and Amphan(2020).

Dr. Chandresh Kumar Rastogi is currently working as an assistant professor at the Nanotechnology Program, CAS (AKTU) Lucknow. He has worked in BARC Mumbai as a SERB National Post-doctoral Fellow. He has done Post-doctoral Fellow from University of Toronto, Canada from April 2018 to March 2020. He has worked as a Senior Project Officer in IIT Bombay from September 2020 to March 2021 and Research Associate III HBNI, Mumbai from March 2021 to July 2021. Dr. Rastogi has published more than 20 SCI and Scopus indexing papers in various reputed journals.

His expert lecture included introduction of nonmaterial and their different properties along with their historical background. He also demonstrated about the preparation of different nonmaterial. Nonmaterial has potential to increase the efficiency of energy consumption, help clean the environment, and solve major health problems as well as able to massively increase manufacturing production at significantly reduced costs. At last material characterization property like SEM, XRD and EDS were discussed.



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ENVIRO OLYMPIAD 3.0

Awareness Campaign
NATIONAL QUIZ
Beat Plastic Pollution
WORLD ENVIRONMENT DAY 2023
5th June, 2023

Scan the QR Code
Online Quiz
Open to all

Convenor:
Prof. Syed Aqeel Ahmad

Organizing Secretary:
Dr. Neha Mumtaz
Mr. Tabish Izhar

Biodiversity and Wetland Conservation Workshop

The Department of Environmental Science organized a "One-Day Training Workshop on Biodiversity and Wetland Conservation" under the aegis of the "National Mission for Clean Ganga" in collaboration with Wildlife Institute of India, Dehradun, on February 16, 2023, at Integral University. The event's chief guest was Mr Mohammad Ahsan, IFS, formerly Principal Chief Conservator of Forests and Head of Forest Force, Uttar Pradesh Forest Department. Prof. Monowar Alam Khalid, the head of the Department of Environmental Science, and researchers from the Wildlife Institute of India and Turtle Survival Alliance-India also gave special talks on various areas of biodiversity and wetland conservation. Students and professors who attended this practical session expressed their appreciation for the program's high level of interactivity.

World Wildlife Day

The Department observed World Wildlife Day on 31st March 2023 at its university campus. The UN has commemorated this day since 2013, to increase public awareness of wild flora and animals around the world. The day's keynote speaker was Dr. Asad R. Rahmani, a renowned ornithologist and former director of the Bombay Natural History Society, Mumbai. This year's

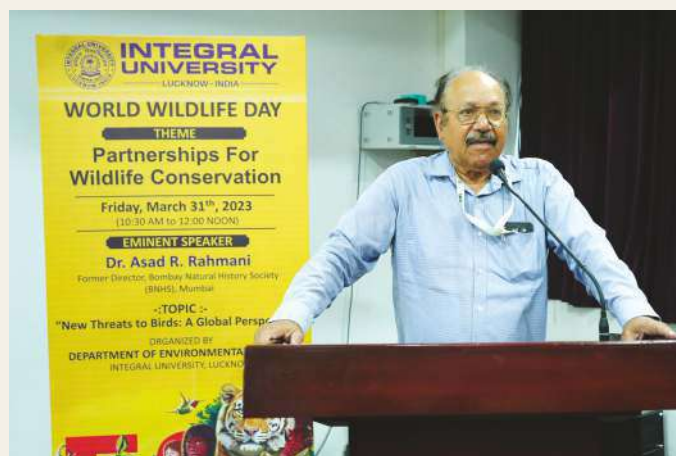


topic was "Partnerships for Wildlife Conservation". More than 100 students and faculty members from diverse disciplines attended Dr. Rahmani's engaging lecture on "New Threats to Birds: A Global Perspective." He discussed the numerous migratory and resident bird species and the issues they confront as a result of climate change, habitat loss, pollution, and predators. Additionally, he mentioned how habitat loss and bird movement are leading to sharp losses in bird populations.

World Environment Day

The Department celebrated World Environment Day from June 4 to June 6, 2023, both within its lush biodiverse campus and also at nearby forests and public places. This year, the UN adopted the topic "Solutions to Plastic Pollution" as part of the initiative #Beat Plastic Pollution. The Ministry of

Environment, Forests and Climate Change, Government of India, and NITI Ayog, Government of India, issued e-certificates to each participant who made the "Lifestyle for the Environment" online pledge. Several events commemorating World Environment Day were held under the Mission LIFE (Lifestyle for Environment) program of the Government of India in collaboration with the Centre for Environment Education (CEE), Awadh Forest Division, U.P. Forest Department, Local Municipal bodies, and Prithvi Innovation (An NGO), Lucknow. The Department organized poster-making



Dr. Asad Rahmani, Former Director, Bombay Natural History Society (BNHS), Mumbai

and essay-writing competitions, in which students from many departments avidly participated, and an awareness campaign for reducing food waste was carried out at the Hostel Messes and Central Canteens of Integral University, where a pledge for reducing food waste was undertaken by students and the faculty members. At the Integral University campus, an awareness rally for "Plastic Free Campus" was also conducted, followed by a talk by Prof. Monowar Alam Khalid, Head of, the Department of Environmental Science, and culminating into a Signature Campaign.

Charcha for Clean Air

The Department in partnership with "Youth for Climate India" and "Your Own Green Space," NGOs, organized a program called "Charcha for Clean Air" on February 22, 2023, as part of the "Clean Air Cohort" campaign, which aims to educate, mobilize and build youth leadership to demand clean air through good governance. The program was highly participatory and interesting for the participants as they were made aware of the present state of air pollution and were encouraged to promote awareness about it. The program was coordinated by Ms. Abhisree, a student of B. Sc 3rd Year at the Department of Environmental Science, and Ms. Mahiya Kulsoom from Youth for Climate India. A significant number of students also volunteered for the "Clean Air Cohort" initiative and highly praised the program.

Disaster Risk Reduction Workshop

On the 6th of June 2023, a face-to-face training/workshop on the topic



"Disaster Risk Reduction" was held under the IUINDRR- NIDM Programme by which was coordinated by the Nodal Officer Mr Mohd. Usama. Integral University is a member of The Indian Universities and Institutions Network for Disaster Risk Reduction (IUINDRR-NIDM) of the National Institute of Disaster Management, Ministry of Home Affairs, Government of India.

Educational Field Visit to Dudhwa Tiger Reserve

The Department organized an educational field trip for its UG and PG students from 12-13th December 2022 at the National Environment Science Camp at Dudhwa Tiger Reserve. The Tiger Reserve is located on the Indo-Nepal border in the Lakhimpur Kheri District, and is one of the few remaining protected areas of the diverse and productive Terai ecosystem, supporting many endangered species, obligate species of tall wet grasslands, and species with restricted distribution. The also got the opportunity to meet with members of the Tharu Tribe, an essential component of Dudhwa. The Tharu Tribe is an ethnic forest-dwelling population that lives in the Indo-Nepal Terai region and has long witnessed jungle. This visit provided students with an incredible opportunity to see the flora and fauna of the National Park at its best and also to meet a few Tiger attack survivors. They were also able to learn about various ecosystems the importance of conservation and how it plays a critical role in preserving the natural habitat and environment.



Group Photo for Charcha Clean Air



Educational Field Visit to Dudhwa Tiger Reserve

Celebration of World Ozone Day

Department of Environmental Science, Integral University, Lucknow in collaboration with TERI EIACP, New Delhi, orchestrated an event 'World Ozone Day' on September 16th, 2023, at Central Auditorium, Integral University, Lucknow. The event was graced by Honorable Vice Chancellor Prof. Javed Mussarat, Integral University Lucknow. The theme for World Ozone Day 2023 is "Montreal Protocol: fixing the ozone layer and reducing climate change". World Ozone Day is celebrated on 16th September each year to commemorate the signing of the Montreal Protocol, an international environmental treaty for phasing out the production and consumption of ozone-depleting substances, that came into force on this day in 1987. World Ozone Day is celebrated every year to spread awareness among people about the depletion of Ozone Layer and the measures taken/ to be taken to preserve it. The event aimed to nurture innovation, provide a networking platform, and kindle entrepreneurial spirit among the students. Through a diverse array of activities and insightful sessions, the event sought to contribute significantly to the entrepreneurial landscape and became a platform of erudition for the college and school going students. The presence of Dean Faculty of Science Prof. Abdul Rehman Khan and other eminent guests, Head of the departments and faculty members have boosted the energy of the programme to different heights.

The event commenced with a welcome address by Prof. M. A. Khalid, Department of Environmental Science, DSW, Integral University, Lucknow. He greeted the audience and the guests from TERI, New Delhi. The special address was delivered by Prof. Jawed Mussarat, Honorable Vice Chancellor, Integral University Lucknow. In his deliberation, he explained the genesis of the ozone molecule and its importance in the stratospheric layer. He beautifully weaved his deliberation from the basic science of ozone to the advanced mitigation strategies for ozone hole.

A talk by Dr. Ambrina Sardar Khan, Head, Department of Environmental Science, Integral University on 'Setting context of the Ozone Day: Significance of ozone layer protection through eco-friendly lifestyle', stories of triumph, challenges overcome, and lessons learned, provided invaluable insights to the attendees. Dr. Richa Rai, Senior Scientist, NBRI- EIACP, briefed about how to fix the Ozone Layer and Reduce Climate Change. She has explained in detail the mechanism of degenerating and healing of ozone.

Ms. Pallavi Singh, senior programme officer, TERI-EIACP (Environmental Information, Awareness, Capacity Building and Livelihood Programme) talked about the awareness and green skill development for the environment and sustainability. Her topic was "Role of TERI-EIACP in achieving objectives of Mission LiFE through awareness and green skill development.

Dr. Amita Kanaujia, Professor, Lucknow University highlighted the importance of an

eco-friendly lifestyle. She emphasized how the change in attitude can bring difference among the consumerism behavior of people.

Dr. P.K. Bhattacharya, Associate Director, Senior Fellow and EIACP Coordinator, TERI talked on the topic "Mission LiFE: Value of solar energy in Practicing Sustainable Lifestyle for Environment. He focused on the use of solar energy for a sustainable lifestyle. He elaborated on how solar energy can be taken into every home and person. Dr. Pankaj Kumar Srivastava, Senior Principal Scientist from CSIR-NBRI has also joined the event and sensitized students about sustainable lifestyles and interacted with the students.

Special address was delivered by Prof. T. Usmani sir, Director, Solar Projects, Integral University, Lucknow. He emphasized on using solar energy for sustainability. He also highlighted the efforts of Integral University in installation of Solar panels across the university and generating 1MGW of energy within campus. A pledge to protect our planet and resources were taken by all the eminent guests, faculty members and students present there.

After the impressive talk by the dignitaries and chief guests, there was the industrial and technical panel discussion for about 60 minutes.

Next session started with Mr. Pradeep Yadav, Senior Manager Project, HFM Solar Power Private Limited, Lucknow. He talked about the benefits of IOCL-Surya Nutal Clean Cookstove. He briefed about the solar cookstove which works on solar energy and also demonstrated it live on campus with a cooker stove setup within campus.

Mr. Vipul Singh, Energy Efficiency Services Limited, Lucknow discussed about "Energy efficient products". He talked about the products of low cost and high energy efficiency. He highlighted the role of his company in providing energy efficient services to the nation.

Mr. Akif Farooqui, Manager-Projects, Social Transformation and CSR, TERI, discussed the "Role of Energy Enterprises in the Industry: Integrated Domestic Energy Systems Model Developed by TERI". Mr. Farooqui informed us about the integrated domestic energy model developed by TERI university. He discussed the use of green and clean energy for a fresh and sustainable environment.



Integral University, Lucknow in collaboration with TERI EIACP, New Delhi

Events Organized:

The Department of Electronics and Communication Engineering organized a guest lecture on "Mental Health Issues and Counselling" on 2nd March 2023, by Ms. Seema Rahman, Psychologist and Counsellor Freelancer, Lucknow.

The Department organized a value-added course (VAC) ECV-22-01 "Spreadsheet Applications from Beginner to Advanced" from 04-03-2023 to 08-04-2023.

Faculty Achievements:

Dr. Imran Ullah Khan

- Project Reviewed Science and Engineering Research Board (SERB), Government of India, File No.: CRG/2023/001366 CRG/2023/001366, Investigator: Abir J. Mondal, Domain: Engineering Sciences, Sub Domain: Communication System, Signal Processing, Project Title: SerDes Design using Current mode Mux-latch and Demux-Latch-Based Technique.
- Indian Design Patent with Design No.: 370349-001, Status: Granted Title of the invention: Multiutility Smart Plug, Date of Grant: 03.09.2022
- Germany Utility Patent Application No.: 20 2022 106 913.1, Status: Granted "Electronic Commerce Supply Chain Management System for

Decorative Materials Using Machine Learning", Date of Grant: 09.01.2023

- Germany Utility Patent Granted Application No.: 20 2022 103 801.5., Status: Granted Title of the invention: Smart Financial Management System for E-Commerce Sites to Analysis Price and Profit using Machine Learning Approach. Date of Grant: 02.08.2022
- Indian Patent Published Application Number:20211037888, "Very Low-Cost High-Performance VLSI Advanced Architecture for Montgomery Modular Multiplication". Date of Published on: 10.09.2021.

Dr. Tarana Afrin Chandel

- Indian Patent Published Application Number 20211059361 Title: Low-cost Instrument to detect the degradation of pharmaceutical formulations based on Medicine. Date of published: 24/06/2022
- Indian Patent Published Application Number 20211035684, Title: Low-cost Micro Crack measuring instruments for detection of faults on sites in the solar panel; Date of published: 02/06/2023.

Dr. Shailendra Kumar

- South Africa Patent "Leakage Current Controlled by Sleep Switch for Low Power Application", patent No 202209667, Date of Grant: 11/30/2022.



Program Organized by the Department:

- Professional Development Program (PDP) on "Recent trends in green technology for attainment of UN Sustainable Development Goals-2030", 2nd to 22nd July, 2022.
- Guest lecture on 'Electrical Power & Propulsion' held on 9th December 2022. The program was successfully coordinated by Dr. M. M. Shadab and Dr. F. A. Khan, Assistant Professor, Department of Electrical Engineering.
- Guest Lecture on "Guidance for Competitive Exams SSC-CGL" on 12th May 2022. The program was successfully coordinated by Dr. Mirza Mohd Shadab And Dr. Mohd Khursheed.
- Guest Lecture on "Industry 4.0, Automation, and SCADA" on 18th May 2022
- Seminar on "GATE Preparation for Electrical Engineering Students" in association with ACE Engineering Academy held on 12th Oct. 2022. The program was successfully coordinated by Dr. Mirza Mohd Shadab and Dr. Mohd Khursheed.
- Six week (30 hours) Value Added Course (VAC) on "Electric Vehicle Technology", organized by Department of Electrical Engg, under the aegis of Human Resource Development Centre (HRDC) & DQAC Integral University, Lucknow, U.P., India from 6th Sept to 20th Oct., 2022. The course was successfully coordinated by Dr. M. A. Siddiqui. Prof. M. A. Mallick, Dr A. J. Ansari and Dr. M. K. Siddiqui.
- Six week (30 hours) Departmental Internship Program on "PLC Application", organized by Department of Electrical Engg. during Summer Vacation from 18th May to 26th July, 2023. The course was successfully coordinated by Dr. Monauwer Alam and Dr A. J. Ansari.
- Two week (30 hours) Value Added Course (VAC) on "Networking using Cisco Packet Tracer", organized by Department of Electrical Engg, under the aegis of Human Resource Development Centre (HRDC) & DQAC Integral University, Lucknow, U.P., India from 22nd May to 10th June., 2023. The course was successfully coordinated by Dr. Monauwer Alam, Dr A. J. Ansari and Mr. Qazi Saeed
- One week (22.5 hours) Short Term Course on "IoT's and Sensor Networks (ICT-94)" by Department of Electrical Engineering, Under the Aegis of Human Resource Development Centre, Integral University, Lucknow, as a remote Centre of National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh, from 09-13 October 2023. The course was successfully coordinated by Dr. Isarar Ahamad and Mrs. Ambreen Siddiqui.

PATENTS

- Dr. Mohd. Khursheed et al "System of Coordinated Automatic Framework For Multiple Unmanned Aerial Vehicles and Mobile Robot Used for Medical waste Transportation", [Application Number: 202211066959].-Published on 02/12/2022
- Dr. Mohd Khursheed et al "A Novel Triple Boost Switched Capacitor Multilevel Inverter (TB-SCMLI) with Lesser Components and Self Voltage Balance", [Application Number: 202211019353 A]- Published on 12/05/2023
- Dr. Mohd Khursheed et al "Active-Neutral-Point-Clamped (ANPC) based 7-level switched-capacitor multilevel inverter (SC-MLI) with reduced magnitude of spikes in source current",. [Application Number: 202311018534]-Published on 12/05/2023
- Dr. M A Mallick et al. "Low cost micro crack measuring instrument for detection of faults on site in solar panels", [Application no. 202111035684]-Published on 02/06/2023
- Dr. Mohammed Asim et al. "Development of TCO Layer For Photovoltaic Cell By Using Transition Metal In ZnO Prepared By Two Step Process" (Indian Patent published-Application Reference 202211029425) 27/05/2022
- Dr. Mohammed Asim et al. "Design of Transformerless Inverter Topology For Reduction Of Common Mode Current in Grid-Connected PV System" (Indian Patent published-Application Reference 202311012305) 17/03/2023
- Dr. Mohammed Asim et al. "Multiple Output Dc/Dc Converter With High Voltage Gains In Arithmetic Progression" (Indian Patent published-Application Reference 202311058052) 29/09/2023
- Dr. Mohammed Asim and Dr. Ambreen Siddiqui et al "Efficient, Ultra Low Power Instrumentation Amplifier Based On Carbon Nanotube Field Effect Transistors" (Indian Patent Published-Application Reference 202311063419) 13/10/2023
- Dr. Isarar Ahamad et al. "Magnetic anisotropy in the ferromagnetic Mn and N doped ZnO Nanocrystals" (Indian Patent Published-Application Reference 202311025404) 04/04/2023
- Dr. Isarar Ahamad et al " Auto Cleaning Storm Water Harvester" (Indian Patent published-Application Reference 202311056649) 22/09/2023
- Dr. Mohammed Asim and Dr. Mohammad Atif Siddiqui et al "OPAM- Optimal parking Allocation Model" (Indian Patent Published-Application Reference 202311067294) 27/10/2023

GRANTS

Dr. Mohammad Atif Siddiqui, the Head of the Department, is a recipient of International Travel Support by the Science and Engineering Research Board (SERB), a statutory body of the Department of Science and Technology (DST), Government of India to present a research article in IECON 48th Annual Conference of the IEEE Industrial Electronics Society, Brussels, Belgium, and October 17-20, 2022. Dr. Mohammad Atif Siddiqui (PI) and Dr. Mohammed Asim(CO-PI) received a seed grant of Rs 2.5 lacs for their project "Design of Transformer Less Photovoltaic Grid-Connected Inverter" and delivered a talk in one session of one week short term training program on Recent Advances in Control Systems (RACS-2022) in Madan Mohan Malviya University of Technology, Gorakhpur, U.P, India. 2022.

Dr. Atif chaired Session: Sensors and Measurements - I in 2nd IEEE International Conference on Emerging Frontiers in Electrical and Electronic Technologies (ICEFEET 2022) organized by NIT Patna, 24 - 25 June 2022. Dr. Mohammed Asim, the faculty in the Department, delivered a talk on IPR: Process of patenting at JIT, Barabanki, U.P, India in a two-day National Seminar on Intellectual Property Rights 2022. Also, he delivered a talk in one session of one week faculty development program on Emerging Horizons in Electrical Engineering: Advancements and Challenges at Galgotia University, India. 2022. Dr. Isarar Ahamad, the faculty in the Department, delivered an expert lecture on "Multilevel inverter topologies for solar PV applications" an Online Faculty Development Program organized by Galgotias College of Engineering and Technology from 7 August - 11 August 2023. He has been a key Reviewer in International Conference on Recent Advances in Electrical, Electronics &



Dr. Mohammad Atif Siddiqui, Head, Department of Electrical Engineering, IU, delivering a talk in one of the sessions

Hindi Diwas

14th September was celebrated as Hindi Diwas to appraise the linguistic aspect of our students. Various competitions were organized in the department in which the students presented their Hindi writing skills. Poetry recitation (self-composed) was the key attraction of the program. A total of thirty-five students participated in the competition. The program ended with the informative ideas of Prof. (Dr.) A.K. Lodi regarding the importance of Hindi as the mother tongue. The program was coordinated by Dr. Smita Srivastava.

National Quiz

The faculty of Education organized a National Quiz on the topic "EDUCATION AND CITIZENSHIP" under the aegis of UNESCO Sustainable Development Goals, through Google form, On 22nd October 2022.

WEBINAR

The Faculty of Education organized a webinar on "Capacity Building in Teacher Education Across the World" on 29th October 2022. The webinar was organized through Google Meet and was open to all students. Dr. Geetika Nidhi, Co-Convenor of the program welcomed the guest Dr. Manoj Kumar Thakur, Regional Director, NIOS, Kochi. He emphasized the importance of capacity building on the basis of social changes, psychological needs, and technological developments. The session was followed by a question-answer session in which many students put up their queries. All the faculty members and students attended the webinar to their fullest capacity. The program concluded with a vote of thanks by Dr. Divya. R. Panjwani.

Celebration of International World Rural Women's Day

An awareness Program was organized by Faculty of Education, on 31st October 2022, at Paikramau Village, Kursi Road, Lucknow, under the aegis of United Nations Academic Goals. The main purpose of this event was to create awareness among rural women regarding Education, Women Empowerment, Voting Right and Inclusion with self-help groups. Students of M. Ed. 1 and 2nd year participated in this program. In the concluding remark, Prof. (Dr.) A.K. Lodi emphasized on the need of giving importance to the rural women's



participation in the societal economic infrastructure. The students were accompanied by Dr. E. Ahmad, Associate Professor and Dr. Smita Srivastava, Assistant Professor faculty coordinator, Faculty of Education. Integral University, Lucknow. The event was followed by a Skit performed by students of B.Ed. 1st year. At the end Dr. Ekhlak Ahmad, Faculty of Education proposed vote of thanks and expressed his gratitude.

National Education Day

The Eminent Resource person was Prof. Fakhre Alam, Head, Department of Urdu, Khwaja Moinuddin Chishti Language University, Lucknow. The program was hosted by Baby Shaheen Akhtar and Daniya Zafar, M.Ed. 2nd year. The lecture commenced with a welcome speech by Dr. Md. Ali Imam, Professor, Faculty of Education who welcomed the resource person, Dr. Fakhre Alam, and the participants. He also shed some light on the concept of National Education Day and its historical background. He stated that celebrating National Education Day is a tribute to Maulana Abul Kalam Azad as a pioneering thinker of educational society.

Two - Week International Workshop on Lesson Planning and Pedagogy

This workshop was an effort to make the students learn new technologies and methods. The program also catered to the United Nations Sustainable Development Goals (SDG) 4 and 9.

The workshop consisted of interactive lectures, hands-on experience, role play activities, and interaction with the stakeholders in the field. Interactive lectures delivered by national and international experts specialized in various fields followed by discussion and question-answer sessions with the participants. International speakers, Mrs. Meltem Ipek Oner from Yeditepe University, Turkey, and Dr. Mariyam from Yazd University, Iran, and Indian experts in the academic domain were successful in orientating the students to the current trends in lesson planning and the latest pedagogies. Eighteen technical sessions were addressed by the respective speakers.

Sanskritika, an annual cultural event fostering Cultural harmony and unity in diversity

The event was designed to include various aspects of harmony, culture, language, and music. These included four events to foster the cultural vibrance and hidden talent of students namely 1- Who am I? Indicating the Ideological aspect of a person, 2-National Integration song depicting national integration, 3-Cultural swipe exhibiting the cultural vibrance of the country, and 4-Meri baani an expression in regional language. The results were declared at the end and the winners of first, second, and third position in each category were facilitated by Prof. [Dr.] A.K. Lodi, Dr. Rahila Khan, Dr Azkiya Waris and awarded with trophies and certificates.

A Two-Week International Workshop on "Teaching Competency through Micro-Teaching Skills"

The workshop was conducted from 14th Feb to 2nd March 2023 and comprised speakers from India and Abroad; luminaries in the academic domain. Series of lectures and guest lectures, Group Activities of the students were organized for the students to make them understand about the details of teaching skills. Lecture on micro teaching skill was given by various speakers from India and Abroad. Dr. Kiran Lata Dangwal, Associate Professor, University of Lucknow, Dr. Nishtha Shukla, Principal, Department of Education, RKG College of Education, Lucknow, Dr. Divya R. Panjwani, Assistant Professor, Department of Education, Dr. Smita Srivastava, Assistant Professor, Department of Education, Integral University, Lucknow, Dr. Morradhwaj Varma, Retired Professor, Department of Education, University of Lucknow, Prof. C.S Shukla, Former Head, Department of Education, Vardhman P.G. College, Bijour, Dr. Roma Smart Joseph, Associate Professor, Department of Education, Isabela Thoburn Degree College, Lucknow, Mr. Jilean Mark Tan, Associate Guidance Counsellor, University Of Negros Occidental-Recoletos, Philippines delivered their lectures on various Micro Teaching skills.

Educational Management & Administration

The Faculty of Education, Integral University, Lucknow, organized a Two-Week Online Value-Added Course on the topic "**Educational Management & Administration**" from February 20, 2023 - March 04, 2023. The brief

introduction about the course was given by Course Coordinators Dr. E. Ahmad, Associate Professor, and Dr. Vivek Rogers, Assistant Professor, Dept. of Education, Integral University. The course was opened to all Principals, Headmasters, Teachers, Education Officers, and Personnel working in the Universities, Colleges, State Department of Education, DIETs and Graduates, conducted through online mode divided into five modules. Interactive sessions were delivered through Integral Learning Initiative- Learning Management System (ILI-LMS) / Google Meet. The course includes a total of five quizzes (quizzes will comprise of MCQs; One quiz after completion of each module) mandatory for all enrolled candidates. An End semester exam (ESE) will be compulsory for all at the end of the course. A minimum of 50% marks shall be required in all quizzes and ESE separately as eligibility criteria for successfully completing the course and receiving the certificate.

The Happiness club

Faculty of Education, Integral University Lucknow, organized an online Interactive session on the topic "**Nutrition for Physical and Mental Wellbeing**". The session was taken by Mr. Devesh Kumar Srivastava, renowned Nutritionist and CEO of Livstylrs, Bengluru, Karnataka, India, on 02.05.2023. The session commenced with the Welcome Address of the Head Prof. (Dr.) A. K. Lodi.

Community Work

The Community Work was done by M.Ed. 1st year 30 students. Each One Teach One (15th May 2023 to 21st May 2023) in which the students visited their



Celebrating National Education Day

nearby village and observed the life style of the villagers. It requires the sincere effort of the students to be part of their community. They selected the village for a tree Plantation Activity (12th May 2023) in which students visited their nearby village and planted a tree. Third activity was a Talk on the Importance of Health and Hygiene (14th May, 2023) to the village people. Another activity was based on teaching of the Senior Citizen (13th May, 2023) They discussed different functions and uses of smart phones or regular phones available to the senior member. The last activity was of Book Donation which was done by the student at the village to the children. The activity was undertaken under the leadership of Dr. Divya R. Panjwani.

Extension activity

The Community Service for the session 2022-23 was organized from 15th May 2023 to 19th May 2023. 16th, 17th, and 18th May 2023 were offline activities in the village Jabri under the government scheme "Aatm Nirbhar Bharat" in collaboration with Primary School, village Jabri, Dasauli. The activity was coordinated by Dr. Sadia Shakeel Assistant Professor Faculty of Education along with Ninty-Two students of B.Ed. second year and supporting staff. Students performed various activities to aware the people and children of the village about the "Aatm Nirbhar Bharat" scheme and several other issues like Waste Management, Health, and hygiene. Students organized rallies, hands-on workshops, Nukkad Natak, Songs, etc to spread awareness and also carried plantation drives in groups.

One-Day Workshop on "How to Organize Parent Teacher Meetings

The session commenced with the Welcome Address by Prof. (Dr.) A. K. Lodi, Head, Department of Education. Participants extended the concept of Parent-Meeting and its need for the development of students. The program

was a success and provided students with the necessary knowledge and skills to organize such meetings. The workshop was conducted in six sessions. Every student was given the chance to act as a teacher as well as a parent during the workshop. Dr. Sadia Shakeel Coordinator and Ms. Manisha Singh, Faculty of Education played an active role in making the workshop a great success.

Mock Interview

This Mock Interview Session was organized to prepare the students of B.Ed, M.Ed, and D. El. Ed. to face future interviews and have an idea related to the questions asked. Mr. Durgesh Kumar Srivastava, Principal, Kendriya Vidyalaya, IIM Campus, Lucknow interacted with the pupil teachers and boosted their confidence. He shared his personal experiences and calmed the students for their interview.

Enhancing Emotional and Social Competence of Prospective Professionals

This course was framed from 27th May 2023 to 12th June 2023, for all the UG and PG course students of all departments throughout the university. It was conducted in virtual mode through 5 modules over a period of 15 days. Each module includes 5 hour lecture excluding 1 hour quiz. The Major objective of the course was to develop a deep understanding of their own emotions, strengths, and triggers in the individuals.



AGREEMENT SIGNING CEREMONY

Between Integral University & Central Council for Research in Unani Medicine, Ministry of AYUSH, Govt. of India



Prof. Javed Musarrat, Vice Chancellor, Integral University & Dr. N. Zaheer Ahmad, Director General, Central Council for Research in Unani Medicine (CCRUM), Ministry of AYUSH, Govt. of INDIA in a joint session.



CARNAVAL ET ARTS- FIESTA '23, INTEGRAL UNIVERSITY



Integral University organized Fiesta '23, a Cultural, Literary, Technical and Sports Fest from 17 March-19 March, 2023. The introductory session opened with the grandeur and blessed disquisition by Hon'ble Chancellor of the University, Prof. Syed Waseem Akhtar. His inspiring words pronounced unity and diversity in the various cultural realm that the university displays. The Hon'ble Vice-Chancellor of the University, Prof. Javed Musarrat, propelled the session by his invigorating discourse on the importance of Art, Culture and other Co-Curriculars, that help advancing and progressing students' personality.

The Fest encompassed assorted ingenious events such as Voice of Integralites, Tamsili Mushaira, Solo Singing, International Students Performance (Narekele African & English Song). Also, the students of various Departments participated in numerous Literary Activities like Debate, JAM, Slogan Writing, Essay Writing, Poetry Recitation, Poster Making, Nukkad Natak and many more. The students from Engineering and Computer Sciences organized various technical programmes like AR Bowling, Robo Soccer, CAD Design Competition, Robo War, Innovista and alike.

The most remarkable event of the day was the International Flag Show/Ethnic Walk, by the foreign students of the University. The event continued till 19th March, 2023.

Detailed Programme:

Day-1: 17th March 2023

Venue: Main Stage, University Lawn

Anchor: Students (Md. Junaid and Ms. Lubna Hashmi)

Details of Inaugural Ceremony

10:30 AM Arrival of dignitaries

10:35 AM Welcome of the dignitaries

Chief Patron: Prof S.W. Akhtar, Hon'ble Chancellor & Founder, Integral University, Lucknow

Eminent Guest: Madam Chancellor Mrs. Azra Waseem

Patron: Dr. Syed Nadeem Akhtar, Hon'ble Pro Chancellor, Integral University, Lucknow

Patron: Prof. Javed Musarrat, Hon'ble Vice Chancellor, Integral University, Lucknow

Patron: Prof. Mohd Haris Siddiqui, Registrar, Integral University, Lucknow

Patron: Prof. Monowar Alam Khalid, Dean Students' Welfare, Integral University, Lucknow

10.40 AM

10.45 AM

10.50 AM

10.55 AM

11.00 AM

11.05 AM

11.10 AM

11.20 AM

11.25 AM

11.30 AM

Venue:

Anchor:

2:00 PM-3:30 PM

3:30 PM-4:30

04:30 PM Onwards

Chief Guest:

Day-2:

Venue:

Anchor:

Time Event

09:30AM-10:30 AM

10:30 AM-10:45 AM

10:45 AM-12:00 Noon

12:00 Noon-01:30 PM

01:30 PM-03:00 PM

05.00 PM onwards

Shaam-e-Integral (An evening of Ghazals)

Venue:

Anchoring by:

05.00 PM onwards

Day-3:

Venue:

Anchor:

Time Event

10:00 AM-10.05 AM

10.05 AM-10.10 AM

10.10 AM-10.15 AM

10.15 AM-10.30 AM

10.30 AM-10.35 AM

Lighting of the Lamp

University Tarana

Briefing about the FIESTA by the student (Ms. Mariyam Fatima)

To request the Chancellor Sir to bless the students and declare the FIESTA open

Blessings by Madam Chancellor Mrs. Azra Waseem

Fiesta Theme Song

International Flag Show/Ethnic Walk

Song by Students of High Note Music Society (Hindi Song)

International Students Performance (Narekele African & English Song)

Vote of thanks by student (Syed Zeeshan)

Main Stage, University Lawn

Students (Md. Junaid and Ms. Lubna Hashmi)

Voice of Integralites (Solo Singing)

PM Qawwali

Tamsili Mushaira

Prof S.W. Akhtar, Hon'ble Chancellor & Founder, Integral University, Lucknow

18th March 2023

Main Stage, University Lawn

Students (Md. Salman and Ms. Hadia Alvi)

Debate

Performance by Music Society Choir (Hindi Song)

Old is Gold (Solo Songs)

Break

Grapple of Nomads (The Band Show)

Dr. Radhika Chopra (Shaam-e-Integral)

Dr. Radhika Chopra (Shaam-e-Integral)

Shaam-e-Integral (An evening of Ghazals)

Main Stage, University Lawn

Dr. Saba Siddiqui

Dr. Radhika Chopra (Shaam-e-Integral) Integral University, Lucknow

19th March 2023

Main Stage, University Lawn

Students (Ashar and Ms. Ashfa)

Floral Welcome and Introduction of Chief Guest Dr. Syed Taqi Hassan Abedi,

Canadian Physician and eminent Urdu Scholar

Introduction of Chief Guest Dr. Syed Taqi Hassan Abedi by Dr. H. M. Arif

Song by Shashwat

Recitation of Naat by Dr. Syed Taqi Hassan Abedi

Memento presentation to the guest by Hon'ble Chancellor Sir

10:35 AM-10:40 AM	Vote of Thanks by Dr. H. M. Arif
11:00AM – 12:30 PM	Skits
01:30 PM onwards	Valedictory and Prize Distribution
Venue:	Main Stage, University Lawn
Anchoring By:	Students (Ashar and Ms. Ashfa)
Time Events	
01:30 PM	Welcome of Chief Guest, Shri. Upendra Upadhyaya, Minister of Information & Electronics Technology, Government of Uttar Pradesh
01:45 PM	University Tarana
01:50 PM	Report by Prof. M. A. Khalid, Dean Students' Welfare, Integral University, Lucknow
01:55 PM	Reporting Fiesta activities by Students (Ashar and Ms. Ashfa)
02:00 PM	Housa Nigerian Song (International Students)
02:10 PM	Cultural Swap-Variou Indian States
02:20 PM	Address by Chief Guest: Shri. Upendra Upadhyaya
	Address by Patron: Hon'ble Vice Chancellor
	Address by Patron: Hon'ble Pro Chancellor
02:40 PM	Presentation of Mementoes:
Chief Guest:	Shri. Upendra Upadhyaya
02:45 PM	Distribution of Prizes (Coordinating Students: Nawazish and Ms. Hooria)
03:00 PM	Vote of thanks by student (Ms. Misbah Arif Khan)
03:05 PM	National Anthem
Fiesta 2023	Sports Closing Ceremony
Venue:	University Main Sports Ground
05:00 PM onwards	Fiesta Sports Closing

Tamsili Mushaira

Under the cordination of Dr. Hafiz Mohd Arif, Head, Department of Languages, Dr. Naseem Ahmad, Assistant Professor, Department of Chemistry, and Dr. Mohammad Aamir Qayyoom, Assistant Professor, Department of Mathematics and Statistics, the Cultural Committee of Integral University hosted Tamseeli Mushaira on the occasion of Fiesta-2023 on March 17, 2023. The Tamseeli Mushaira served as an arena for students to demonstrate their skills in poetry, rhetoric, and prosody. The style, delivery, and traditions of poetry are just as important as the language used or the subject matter.

As the Mushaira commenced, Mr. Syed Faisal Kamal (Alumnus) eloquently expounded on the rich history of the art form and extended a warm welcome to the esteemed guests. The Tamseeli Mushaira was graced by esteemed personalities such as Prof. S. W. Akhtar, the Chancellor and Founder of Integral University, Mrs. Azra Waseem, the Director of Techno Academy, Prof. Syed Nadeem Akhtar, Prof. Javed Musarrat, the Vice Chancellor of Integral University, Prof. Aqeel Ahmad, OSD to Chancellor and Prof. Abdul Rehman Khan, COE IU, who were all present as guests of honour and chief guest,



respectively.

The contenders were all set and were completely enthusiastic to emerge victorious. The performers exhibited great confidence and executed their tasks with excellence. Also, Mr. Syed Faisal Kamal (Alumnus) has done a splendid job with the Nizamat.

Shaam-e-Integral

On the occasion of FIESTA-2023, a grand event of Sham-e-Integral was organized to enhance the grace and elegance of the event. The Ghazal was presented by the melodious voice of the renowned artist Dr. Radhika Chopra on 18th March at 5:30 pm in the University Lawns. All the authorities, faculty members, and students enjoyed the mesmerizing evening of the Fiesta' 2023.



Sham-e-Integral, an evening of Ghazal by Dr. Radhika Chopra

Fiesta's Highlights



Mrs. Waseem Azra, Co-founder, Integral University, along with Pro-Chancellor & Vice-Chancellor



INTERNATIONAL STUDENT'S INTRODUCTION PROGRAMME 2023



GRADUATION DAY CEREMONY FOR INTERNATIONAL STUDENTS



HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC) INTEGRAL UNIVERSITY

Human Resource Development Centre (HRDC), Integral University, Lucknow, organized a Three-Day Faculty/Administrative Staff Induction Program from 1st to 15th October 2022 for newly inducted Faculty Members, Teaching Supporting and Administrative Staff of the year 2022. The induction program had been 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 detailed program was as follows:

Session No.	Topics Covered	Resource Person
1	" About the University " History, Vision & Mission of University - Structure of University	Prof. Syed Aqeel Ahmad (Director HRDC)
2	" Service rule " Conduct of Employee	Prof. T. Usmani
3	" Integral Learning Initiative (ILI) Learning Management System of the University	Mrs. Kavita Agrawal (Coordinator ILI)
4	Library - Process of Library Membership Registration, issue of books, online access, etc.	Dr. Prachi Shukla (Assistant Librarian)
5	Media Room/ Lecture Recording Room - Demonstration of E-content Creation	Mohammad Zubair (Coordinator, Department of Mass Communication)
6	Transport - Operational Routes, Timings, Fee	Mr. Parvez Akhtar (Transport In-charge)
7	CCGGD - Contribution for Placement, etc	Dr. Nilanjan Mukherji (Director CCGGD)
8	Internal Quality Assurance Cell (IQAC) " Introduction " Accreditation process " AQAR Portal - Structure & Utilization " Responsibilities & Expectations Outcome-Based Education (BT, CO, PO, PSO mapping and attainment, etc.)	Prof. N. R. Kidwai (Dy. Director IQAC)
9	" Introduction & Structure of the department " Academic Roles & Responsibilities " Academic & Social Conduct " Administrative Roles & Responsibilities a. Program Coordinator b. Course Coordinator c. Departmental Web Coordinator d. DQAC Coordinator e. Departmental Training & Placement Coordinator f. Employee Management System (EMS) g. Student Management System (SMS)	Mrs. Kavita Agarwal (HoD CSE)
10	" Admission Process " Ordinances " Syllabus System - CBCS, OE, DE " Academic Calendar " Course File & Student Feedback	Dr. Alvina Farooqui (HoD Bioengineering)
11	IIRC " Introduction " Research Policies & Conduct	Dr. Snober S. Mir (Assistant Director, IIRC)

Session No.	Topics Covered	Resource Person
12	IPRMC Introduction Vision & Activities Eligibility Research Awards Documents Incentivization of Publications Implementation of IU Research Initiative	Dr. Snober S. Mir (Assistant Director, IIRC)
13	CIED Introduction Vision & Activities	Dr. Asthma Farooq (Incubation Manager)
14	About Examination process Evaluation Scheme Continuous Assessment (CA) a. Unit Test b. Quiz c. Assignment Attendance End Semester Exam (ESE)	Prof. Abdul Rahman Khan (Controller of Examination)
15	Alumni Cell - Activities & Achievements	Dr. Salman Khan (President IUAWA)
16	Medical Aid (Hospital Facilities) - Protocol for Normal & Emergency Situation	Prof. Dr. Baljeet Singh Arora (Medical Superintendent, IIMSR)
17	Solar Gallery - Sensitization for Green Initiatives	Prof. T. Usmani (Director, Solar)
Visit to University Facilities		
Session No.	Topics Covered	Resource Person
18	Chancellor's Gallery	Mr. Seemab Ahmad (Dy. Registrar Admin)
19	Central Library	Dr. Prachi Shukla (Assistant Librarian)
20	Media Room/ Lecture Recording Room	Mohammad Zubair (Coordinator, Department of Mass Communication)
21	Solar Gallery	Prof. T. Usmani (Director, Solar)
22	Gymnasium, Sports & Yoga Facilities - Facility Details	Dr. Mohd. Zafar (Director IUSA) Mr. Aman Khan (Gymnasium Trainer)

A total of 143 participants including faculty members, teaching support, and administrative staff had attended the induction program. The induction program witnessed detailed deliberations on topics mentioned on the list above. The program was opened by Prof. Syed Aqeel Ahmad, Director of HRDC, wherein he enlightened the new inductees 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.

A glimpse of the Induction Program held from 01 to 15 October 2022

One-Week STC "Open-Source Technologies (ICT-131)" (HRDC, Integral University, Lucknow, a Remote Center of NITTTR, Chandigarh) from 17th October to 21st October 2022

The Human Resource Development Centre, Integral University as a remote center of NITTTR, Chandigarh had organized an AICTE Recognized Short Term Course through Information and Communication Technology (ICT) on "Open-Source Technologies" from 17-21 October 2022 at the Integral University,

Lucknow. This Short-Term Course was organized in association with the National Institute of Technical Teachers Training & Research, Chandigarh under the Ministry of Education, Government of India.

As an outcome of the course, the participants gained knowledge about the various open-source software tools which will help them to present their work efficiently and effectively. A total of Fifteen technical sessions were constituted from a wide variety of topics and each session was led by a team of experts

7014- IIRS ISRO Outreach Program on "RS and GIS Applications in Atmospheric and Oceanic Hazards"

Organised by Human Resource Development Center, Integral University, Lucknow, from February 27 to March 3, 2023.

Human Resource Development Centre (HRDC), Integral University Lucknow, is one of the Remote Centers of the Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Govt. of India, Dehradun, India. HRDC successfully organized the 7014- IIRS ISRO Outreach Program on "RS and GIS Applications in Atmospheric and Oceanic Hazards" from February 27 to March 3, 2023, for working professionals and students in association with Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun.

Indian Institute of Remote Sensing (IIRS) under the Indian Space Research Organization (ISRO) is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geo-Informatics, and GNSS Technology for Natural Resources, Environmental and Disaster Management. Formerly known as the Indian Photo-interpretation Institute (IPI), founded in 1966, the Institute boasts to be the first of its kind in entire South-East Asia.

The technical sessions constituted a wide variety of topics taken by a team of experts viz.:

Date	Day	Time	Topic	Speaker
21/02/2023	Monday	15:00-16:00hrs.	Introduction to Atmospheric and Oceanic Hazards	Dr. D. Mitra
		16:00-17:30hrs	Overview of Earth Observation Satellites and Sensors for Atmospheric and Oceanic Hazards Studies	Dr. C.M. Kishtawal
28/02/2023	Tuesday	15:00-16:00hrs.	Applications of Satellite Data for the Study of Extreme Rainfall Events	Dr. Charu Singh
		16:00-17:30hrs	Gaseous Air Pollutants: Monitoring and Modeling	Dr. Shuchita Srivastava
01/03/2023	Wednesday	15:00-16:00hrs.	Tsunami Modelling and Coastal Inundation	Dr. Siva Srinivas K.
		16:00-17:30hrs	Application of Satellite Data for Tropical Cyclone Studies	Dr. S.K. Singh
Date	Day	Time	Topic	Speaker
02/03/2023	Thursday	15:00-16:00hrs.	Satellite-Based Monitoring of Aerosol Particulate Matter	Dr. Yogesh Kant
		16:00-17:30hrs	Satellite Data-Based Fog Estimation and Analysis	Ms. Pooja Jindal
03/03/2023	Friday	15:00-16:00hrs.	Overview of Storm Surge	Prof. A. D. Rao
		16:00-17:30hrs	Geo-web Portals for Disaster Management Support and Applications	Mr. C.M. Bhatt

Participants learned a lot about RS and GIS Applications in Atmospheric and Oceanic Hazards in these programs. Almost 26 participants attended this outreach program.

Institute, Coordinator, and Participant Certificate by ISRO:

IIRS ISRO Outreach Program on "Advances in Remote Sensing Techniques for Geological Applications" (Human Resource Development Center, Integral University, Lucknow) from March 13-24, 2023.

Human Resource Development Centre (HRDC), Integral University Lucknow is one of the Nodal Centers of the Indian Institute of Remote Sensing (IIRS),



Indian Space Research Organization (ISRO), Department of Space, Govt. of India, Dehradun, India. HRDC, successfully organized the 114-IIRS ISRO Outreach Program a Two-Week Online Course on "Advances in Remote Sensing Techniques for Geological Applications" March 13-24, 2023 for working professionals and students in association with the Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun.

Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organization (ISRO) is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geo-Informatics, and GNSS Technology for Natural Resources, Environmental and Disaster Management. Formerly known as the Indian Photo-interpretation Institute (IPI), founded in 1966, the Institute boasts to be the first of its kind in entire South-East Asia.

These Programs emphasized on Overview of the Earth Observation System and recent initiatives for terrestrial and planetary studies & RS and GIS

Applications in Geosciences, Advances in

- Thermal and Microwave RS for Geological Applications
- Data Processing Techniques in Geology
- RS Techniques for Glacial Health Monitoring and Climate Change
- Hyperspectral RS and spectroscopic analysis for mineral exploration
- RS Techniques for Geological Hazards with Emphasis on Landslides

Name of Resource Persons:

Dr. R.P. Singh, Director, IIRS

Faculty Members of the Geosciences Division

Dr. R.S. Chatterjee, GD, GDMS

Dr. Shovan L. Chattoraj Dr. Pratima Pandey

Mrs. Richa U. Sharma Mr. Suresh Kanaujiya

Dr. Mamta Chauhan Mrs. Jappji Mehar



Prof. Syed Aqeel Ahmad, Head Department of Civil Engineering & Director of HRDC, Integral University in introductory session



DEPARTMENT OF HUMANITIES & SOCIAL SCIENCES

The Department of Humanities and Social Sciences, founded in 2019, stands as a testament to academic diversity and societal insight. With an innovative approach, the department delves into five distinct subjects: Psychology, History, Sociology, Economics, Political Science. Collectively, the Department of Humanities and Social Sciences fosters critical thinking, cultural awareness, and social consciousness, shaping well-rounded individuals who are adept at navigating the complexities of our globalized world.

Guest Lectures:

Birth Anniversary of Freedom Fighters of the Nation Mahatma Gandhiji & Lal Bahadur Shastriji-

The Department of Humanities & Social Sciences, celebrated the birth anniversary of freedom fighters of the nation Mahatma Gandhiji and Lal Bahadur Shastriji on 1st October 2022. Rich tributes were paid to the great leaders of the India through organising a Guest lecturer by Professor Parwez Nazir, (Professor, Department of History, Aligarh Muslim University, Aligarh) on the theme: "राष्ट्रपिता महात्मा गाँधी एवं पूर्व प्रधानमंत्री लाल बहादुर शास्त्री का व्यक्तित्व और राष्ट्र निर्माण में योगदान". In addition, Essay writing & Poster making competitions were also organized. This program received a welcoming response from faculty and scholars.

Sardar Patel-the Architect Of Unification

The Department of Humanities and Social Sciences organized an online exhibition and Guest Lecture to celebrate the life and contribution of Sardar Vallabhbhai Patel on 31st October, 2022. Dr. Pankaj Kumar (Guest Speaker) in his lecture emphasised how Sardar Vallabhbhai Patel, iron man of India united India as one nation. Dean, Prof. Shahid Ali Khan shared his valuable thoughts regarding the sacrifices and contribution which Sardar Patel had made to unify India as one country. In order to remember Sardar Vallabhbhai Patel role as a nation builder, everyone took pledge for National Unity Day.

Scope of Economics in Job Markets

Faculty of Humanities and Social Sciences, organized a webinar on "Scope of Economics in Job Markets" on 16th November 2022. The event was also streamed live through the official YouTube channel of the Humanities Department. Mr. Tariq Azim (guest speaker) started his lecture with an understanding of the Scope of Economics and covered almost all the aspects of Jobs opportunities with a degree in economics and their applications in every walk of life.

World AIDS Day

The event was organized by Department of Humanities and Social Sciences, to spread awareness about Mental Health of HIV & AIDS on 1st December 2022. A Guest lecture by Professor Rakesh Kumar Tripathi (King George's Medical

University) organised on the theme: Mental Health of People living with HIV & AIDS; Challenges and Preventions. In his lecture, Professor Rakesh Tripathi, emphasised that How HIV & AIDS disease Spread and affect the physical and mental health of patients. On the same day, the Department also conducted, Skit on the theme of awareness of HIV & AIDS, Rangoli making competition, Poster making competition, and dialogue delivery about different aspects of HIV & AIDS.

World Human Rights Day

The Department of celebrated the World Human Rights Day on 9th & 10th December, 2022. Keeping in mind the theme of this year's celebration - Dignity, Freedom, and Justice for All, the Department organized Poster Making Competition, Essay Writing Competition, and Debate Competition on 9th of December. On 10th December, the Department organized a Guest lecture on "Human Rights: Politics and Practice" which was delivered by Prof. Ramesh Dixit (Former HoD, Department of Political Science, University of Lucknow). He delivered a very informative and enlightening lecture which covered from the genesis of Human Rights to contemporary development in it.

चौरी-चौरा दिवस - Faculty of Humanities & Social Sciences, Integral University organized an online lecture entitled "चौरी चौरा दिवस: क्रान्तिकारियों की भूमिका" on 11th February, 2023. An eminent speaker Dr. Sushil Kumar Pandey, (Babasaheb Bhimrao Ambedkar University) gave the expert lecture and highlighted different aspects of Chauri Chaura Diwas. The role of Krantikaris (revolutionaries) was known for their outstanding bravery and was an important name in the Freedom Struggle against the British.

Dr. B.R. Ambedkar Jayanti

The Department celebrated the 132nd Birth Anniversary of Dr. B.R. Ambedkar on 15th April 2023. On this occasion, the department organized an online Guest Lecture on the theme - "Ambedkar ka समावेशी लोकतंत्र". Prof. Afroz Alam, (Maulana Azad Urdu National University, Hyderabad) Telangana was invited as guest speaker. He highlighted the contribution of Ambedkar towards the development of India's democracy and how he perceived democracy as a means of Liberty, Equality and Fraternity in the society.

World Environment Day

The Department organized different activities to celebrate World Environment Day 2023, entitled LIFE (Lifestyle for Environment). In this connection, several programmes were organized. On 3rd June, 2023- E-Poster, Slogan writing & Essay writing competition regarding sustainable practices and Mission LIFE.

In the Awareness Programme on "Creating Less Paper to Avoid Use of Paper" and "Make Plastic-Free Campus," all the students, faculty members and

other university staff participated. The purpose was to create awareness about the Paper-less and Plastic-free Campus environment. The faculty members undertook a "Kulhad Distribution Drive" in which Kulhads were distributed to different Canteens in the university campus. The department also conducted an online Pledge campaign, "Lifestyle for the Environment", introduced by the Government of India, in which several students and faculty members participated.

Training Program On Financial Literacy

The Department organized a training program "Training Program on Financial Literacy" in Collaboration with Punjab National Bank, Dasauli Branch on 9th June, 2023. The program aimed to equip the students with essential financial knowledge and skills that will empower them to manage their personal finances and planning for their future. The Resource person of the training program was Ms. Deepti Pandey, Assistant General Manager, Punjab National Bank, Lucknow, who delivered an informative presentation on the topic.

Value Added Course on

ANCIENT HISTORY FROM THE PURVIEW OF CIVIL SERVICES EXAMINATION Department of History, Faculty of Humanities & Social Sciences, Integral University organised a Value-Added Course (VAC) for the students of Integral University. The 30 hours online value-added course was organised from February 15, 2023, to May 12, 2023, on YouTube & Integral University LMS portal (ILI). This course on "ANCIENT HISTORY FROM THE PURVIEW OF CIVIL SERVICES EXAMINATION" is offered primarily for UG, PG, and PhD students of all departments of Integral University and other Universities as well. This Value-Added Course was explicitly designed for students preparing for the Civil Services Examination and aimed to deepen their understanding of History. This Value-Added Course undoubtedly benefited those students who are preparing for or interested in civil service exams as well as other competitive exams.

Career Counselling Program

The Department organized a session on Career Counselling "Choose a Job You Love and You Will Never Have to Work a Day in Your Life" on June 06, 2023. The major objectives of this Counselling session were:-To enlighten students about various career options from academics to civil services exams, from the judiciary to business and creative career options. To give insight to students about competitive exams such as NET/JRF, TET/TGT/PGT, Civil Services examination, and Judiciary. The guest speaker Dr. Saleem (guest speaker) delved into a broad range of career options that incorporated the objective of the career counselling session.

Achievements

Prof. Zeba Aqil (Head)

➤ Prof. Zeba Aqil, 2023. What Makes Learning Interesting, Innovative Pedagogies and Learning in edited book Innovative pedagogy and learning, World Lab Publication.

➤ Prof. Zeba Aqil, 2023. Development of Spiritual Maturity Scale for Medical Students, Journal of Fundamental and Comparative, Research.

ACHIEVEMENTS OF THE STUDENTS

- Singh Om Shrivastva, Winner in Inter collegiate Tug of war Tournament organised by Integral University Sports Academy, 2022-23
- Mohd Wahid, Winner in Inter collegiate Tug of war Tournament organised by Integral University Sports Academy, 2022-23
- Saman Fatima, winner in Javelin Throw organised by Integral University Sports Academy, 2022-23
- Winner of 2nd prize in skit organised during the Fiesta celebration by Integral University, 2022-23 (Team Members- Astha Nigam, Farheen Khan, Shivani Srivastava, Shivani Kashayap, Pushpa, Azra Bano, Rabiya Ashraf, Ankit Kumar Singh, Aditya Kumar Gautam, Daisy



Report of Events Organized by Department of Anatomy, IIMS&R in 2023

Dates	Title	Events Report
17.08.2023	Debate Competition	A Debate Competition on "College Life on with & Without Ragging" was organized on 17th August 2023 for the students of MBBS 1st Prof. 2022-23 between 2.00-4.00 PM in LT-11 organized by the Department of Anatomy IIMS&R in collaboration with Medical Education Unit, IIMS&R. There were 10 students (05 speaking for the motion and 05 against) who participated in the debate and rebuttal round. The following students were awarded the first, second, and third positions. First position- Wagisha Vishen Second position - Harshita Bhargava Third position - Eram Shamshad The rest of the students were awarded certificates of participation.
22.08.2023	Quiz Competition	An Anatomy Quiz Competition was organized on 22nd August 2023 for the students of MBBS 1st Prof. 2022-23 between 2.00-3.00 PM in LT-11 organized by the Department of Anatomy IIMS&R in collaboration with Wolters Kluwer. All the students participated in the quiz. The top three students were given a book prize and the 10 best students were awarded certificates. The following students received the first, second, and third positions. First position - Aliya Rafe Second position - Misba Naaz Third position - Mohd. Afzal Ansari



The Department of Anesthesiology

The Department of Anesthesiology, IIMS&R concluded the 4-Day value-added course on "Basic Cardio Vascular Life Support (BCLS)" from 22nd August to 25th August, 2023 (9 AM TO 4 PM).



The Annual Anatomy Quiz 2023

22 AUGUST 2023 | **02:00 PM Onwards**

Venue
LT - 11 (Phase - 2)
Integral Institute of Medical Sciences & Research

Organized by:
Department of Anatomy
Integral Institute of Medical Sciences & Research
Integral University, Lucknow, U.P.

The program was mainly aimed at Hands-on experience in Cardiopulmonary Resuscitation Techniques in a case of cardiac arrest management of various arrhythmias & concept of team effort. 5 AHA certified Instructors led the course for 4 days:

1. Mr Ram Naresh Yadav, BLS AND ACLS Instructor, Department of Hematology, SGPGL
2. Dr. Vishal Arora, Professor & Head, Department of Anesthesiology, IIMS&R
3. Miss Hemlata Hirwani, KGMU, Lucknow.

174 Participants enrolled for the BCLS Course. Participants from various streams of medicine like Obstetrics and gynecology, Surgery, Medicines, and Paramedical Staff participated enthusiastically.

Physical manuals were provided 3 days before the commencement of the course. The pass percentage was 100% with very good results. Certificates were provided online within 7 days.

Department of Community Medicine

National Medical Commission Policy and Coordination Division from Ministry of Housing and Urban Affairs, Cleanliness drive part of Swachhata Pakhwada-Swachhata Hi Seva (SHS), 2023 at 1st October 2023 at 10:00 AM, in Integral Institute of Medical Sciences & Research, Integral University, Lucknow.

The Department of Community Medicine, Integral Institute of Medical Sciences and Research, organized a CME on the topic 'Climate Change and Health' on 17th May 2023 (Wednesday) between 2:30 pm to 3:30 pm in LT-1, ground floor, Phase-I, IIMS&R. The speaker was Dr. Aditi Mohta, Assistant Professor in the Department of Community Medicine, IIMS&R.

The Department of Community Medicine, Integral Institute of Medical Sciences and Research, in the spirit of celebrating National Vaccination Day, Organized health talk on 21st March 2023 between 10:00 am to 11:00 am on the ground floor of OPD block Phase-III, IIMS&R

The Department on the occasion of World Tuberculosis Day, Organized a health talk on 24th March 2023 between 10:00 am to 11:00 am at the ground floor of OPD block, Phase-III, IIMS&R.

The Department in the spirit of celebrating World Health Day, organized a quiz for MBBS Batch 2020 students on 6th April 2023 between 2:00 pm to 4:00 pm in LT-5, 5th floor Phase-II, IIMS&R?

Guest lecture

A guest lecture on the topic 'Marvels of Intervention Cardiology: Wires and Balloons as Guardians of Life' was held on 24/05/2023.

The Department on the occasion of World Breast feeding Week 2023, organized a health talk on 2nd August 2023 (Wednesday) at 11:00 am on the ground floor of OPD block, Phase III, IIMS&R.

A health awareness session on "Prevention of fatty liver" was conducted online on 5th September 2023 in LT-10, Phase II, Integral Institute of Medical

Sciences and Research (IIMS&R), Lucknow.

A value-added course on 'Research Methodology' was organized by the Department of Community Medicine-IIMS&R from 30 January to 04 February 2023. The students participated with a great deal and enthusiasm.

Department of Dentistry

Highlights of the major activities and achievements and a brief on "Best Practices successfully implemented during the Year 2023 (Jan - Sept 2023)

CME on "Recent Advances & Innovations in Dentistry" "Today's Vision Tomorrow's Reality"

A CME on "Recent Advances & Innovations in Dentistry" "Today's Vision Tomorrow's Reality" was organized by the Department on 15/02/2023 for all the faculty and residents of the IIMS&R and the speaker was Dr. Divya Singh, Associate Professor, Department of Dentistry.

- A CME on "Dental Implants & Their Advances" was organized by the Department on 12/07/2023 for all the faculty and residents of the IIMS&R and the speaker was Dr. Mohd. Rehan Siddiqui, Assistant Professor, Department of Dentistry.
- An "Oral Hygiene Day" awareness Event for the General Public as well as Patients coming to the Dental OPD was organized by the Department of Dentistry on 08/08/2023.
- Regular academic activities like seminars, case presentations, etc. were continued in this session.

Dermatology Department

Highlights of the major activities

Skin disorders are very common among any community and although these may not be fatal most of the time, they are responsible for significant morbidity and decreased quality of life among the majority of the patients. The Department of Dermatology and STD of IIMS&R has been functioning since 2013 and is providing services for diagnosing and managing various skin diseases, sexual disorders, leprosy, and common cosmetological problems.

Inter-departmental CPE was conducted on the topic "Histoid Leprosy" on 28.06.23. The students participated with great zeal to understand the concept of Leprosy

Inter-departmental CPE was conducted on the topic "Histoid Leprosy

Inter-departmental CME conducted on the topic "Skin at different Ages" on 02nd Aug 2023 to enhance the knowledge of students on the concern topic

Inter-departmental CME conducted on the topic "Skin at different Ages.

Department Otorhinolaryngology (ENT)

Highlights of the major activities

A CME lecture was organized by the department of ENT on 15th March 2023 on "Allergic Rhinitis- an update". The lecture was delivered by Dr. Falak Faiyaz, PG JR, department of ENT, IIMS&R Lucknow. It was moderated by Dr. Pankaj Kumar

Verma, Associate Professor in the ENT department IIMSR.

A Poster presentation competition and Seminar was organized by the department of ENT on 16th March 2023 on the occasion of "World Hearing Day" on "Ear and hearing care for all". The program was held in the Central Auditorium at Integral University, from 2:00 PM to 4:00 PM. It was attended by MBBS students, faculty, residents, and interns from IIMSR

- Poster presentation competition and seminar was organized by the Department of ENT on World Hearing Day

A guest lecture was organized by the department of ENT on 8th June 2023 on the occasion of "World No-Tobacco Day". The theme of the occasion was "Grow Food Not Tobacco". The lecture was held in the Central Auditorium at Integral University, from 2:00 PM to 3:00 PM. It was attended by MBBS students, faculty, residents, and interns from IIMSR.

- Guest Lecture on World No-Tobacco Day.

Department of General Medicine

Ref.No.IIMSGR/MED/2023/

DATE - 10.10.2023

Sr.No.	TOPIC	DATE	SPEAKER
1	SEVERE MITRAL STENOSIS CAUSE RHEUMATIC HEART DISEASE	09.10.2023	"DR.ANSHUL YADAV (PG-JR-3)"
2	NATIONAL NUTRITION MONTH HEALTH TALK IN PEDIA WARD	16.09.2023	"DT. RAFAT ZUBAIDA DT.SHALINI YADAV"
	NATIONAL NUTRITION MONTH HEALTH TALK IN PEDIA WARD	16.09.2023	"DT. RAFAT ZUBAIDA DT.SHALINI YADAV"
3	NUKKAD NATAK	27.09.2023	
4	NUKKAD NATAK	27.09.2023	"(DIETITIAN) DT. RAFAT ZUBAIDA DT.SHALINI YADAV"



Integral Institute of Nursing Sciences and Research

Highlights of the major activities/ achievements:

- Addition of Value added course on CPR, Forensic Nursing & Disaster Management.
- Conducted 3 days career counseling from 22 nd May to 27th May 2023 on career
Counseling & Personality development Programme of alumni students of B.Sc. Nursing & Post. Basic B.Sc. Nursing Programme.
- One month's Professional development Programme on "Time Management" held From 28 November to 23 December 2022.
- Organized Green practice activity, "Solutions To Plastic Pollution on 5th June 2023 to create awareness among the students.
- Institute organized National Nurse's Day on 12 th May 2023
- Conducted Poster competition on National Nurses Day 2023
- Nursing Department organized Women's Day on 9 th August 2022, "DigitALL:

Innovation and technology for gender equality".

- Organized Debate competitions on "Embrace Equity" 22 August 2022
- Conducted Orientation Programme on 2 July 2022 for newly admitted students of

GNM, ANM, B.Sc., Post Basic B.Sc. Programme.

- Teachers successfully conducted all activities on LMS like quiz, assignments and unit test.
- Organized seminar on World Breastfeeding week "Step up for Breastfeeding-

Educate and Support" on 1-7 August 2022.

- Conducted Health checkups & Immunization camps .
- Organized Food Exhibition on Nutrition Week in 2023.



ORIENTATION PROGRAMMES MBBS



Dr. Madan Lal Brahma Bhat, former Vice-Chancellor of King George's Medical University, Mrs. Azra Waseem, Co-founder of Integral University & Mr. Syed Fauzan Akhtar, Executive Director, (IIMSR, IIAHSR, IINSR)



Orientation Program

Foundation Course - MBBS Batch 2023-24

Organized by
INTEGRAL INSTITUTE OF MEDICAL SCIENCES & RESEARCH



1st September, 2023

09:00 AM onwards

Central Auditorium, Integral University

INSPIRING EXCELLENCE



INTEGRAL INTERNATIONAL SCHOOL

Motto:

Committed to Excellence in Education

Vision:

To Prepare dynamic and caring citizens of tomorrow, to meet the challenges of a global society, While retaining their traditional values.

Mission:

To be a centre for Excellence in Education which, in keeping with the rich heritage of India, will Stress on the simultaneous development of body, mind and spirit, and endeavour to create compassionate, responsible and innovative global citizens, committed to the development of India and the world.

Our Aim:

- ❖ To accept and respect all individuals without any bias or prejudice, irrespective of differences in origin, religion, ethnicity or otherwise and create an inclusive learning community.
- ❖ To help learners exploit their potential to the fullest and help them improve and grow, both academically and personally.
- ❖ To provide a dynamic and broad spectrum learning environment that will foster critical thinking skills in students and help them become life-long learners.
- ❖ To create an awareness among the learners of their social responsibilities, and equip them with skills to adapt to the changing needs of a global environment.

Life at The Integral International Campus:

- ❖ Sprawling Campus
- ❖ Wi-fi enabled, bright, airy class rooms with smart boards
- ❖ Excellent Library facilities o State-of-the-art Computer laboratories
- ❖ Counselling
- ❖ Excellent Sports Facilities
- ❖ IGCSE trained faculty
- ❖ Multi-purpose Activity Block
- ❖ Career Guidance Cell
- ❖ Fully equipped laboratories for Physics, Chemistry, Biology and Environment Science







Integral University has been granted grade A+ by NAAC

"Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction, and skillful execution; it represents the wise choice of many alternatives". These sagacious words of William A. Foster aptly highlight the need for making conscientious efforts toward achieving quality in all the spheres of human activity and more so in academic settings where impressionable minds are forged with the vision of evolvement of society. IQAC of the university is actively engaged in quality assurance through initiating policy formulation, developing and improving data collection and initiating strategies for improvement.

Integral University, one of the premier educational institutions in India, has been awarded A+ grade by the National Assessment and Accreditation Council (NAAC) in the second cycle of accreditation. NAAC accentuates the University's ongoing commitment to fostering an environment conducive to learning, research, innovation, and community service and awarded the A+ grade in recognition of the University's excellent infrastructure, superior student performance, research & innovation, and overall institutional excellence. A seven-member team from NAAC, an autonomous body of the University Grants Commission (UGC), arrived at Integral University on Monday, May 8, 2023, to conduct a comprehensive assessment towards accreditation that concluded on May 10, 2023.

The NAAC re-accreditation reaffirms Integral University's standing as a premier center of academic excellence and its commitment to providing quality education that equips its students with the necessary skills and knowledge to excel in the 21st century.

Receiving the A+ grade reflects our continuous strive for academic excellence and the commitment of our faculty, students, and administration toward maintaining high standards in education, research, and community service. This A+ accreditation sets a new benchmark in Integral University's pursuit of academic excellence and the extraordinary achievement places Integral University among a select few universities in the country to have reached this lofty standard.

The team IQAC is thankful to the higher management for their unwavering commitment to excellence and strategic vision. They had set clear objectives, provided the necessary resources and have been pivotal in

helping us navigate the challenges of the NAAC SSR that has been instrumental in guiding our team through the rigorous accreditation process.

The IQAC wishes to place its appreciation for the efforts put up by all the Criterion in-charge, the mentors, the DQAC coordinators, Central and Departmental Criterion team members, the Directorate of Procurement, officers and members of the administration, the accounts office, infrastructure and maintenance unit and all the support staff, alongside all of the University's invaluable stakeholders, including faculty, students, parents, and alums, for their unwavering support and dedication in attaining this remarkable achievement.

As we move ahead to face new challenges, we have no doubt that the faculty, staff and students shall stand together to drive our University towards even greater success.



Integral University Shines Bright

NATIONAL AND INTERNATIONAL RANKINGS, AFFIRMING EXCELLENCE IN 2022-2023

Integral University's recent achievement of a prestigious A+ grade and an impressive 3.4 score awarded by the National Assessment and Accreditation Council (NAAC) serves as a resounding endorsement of our unwavering dedication to delivering quality education. It is with immense pleasure that I share the remarkable accomplishments of Integral University in national and international rankings, further emphasizing our steadfast commitment to academic excellence and our relentless pursuit of setting new standards in higher education.

Here is a comprehensive look at our significant milestones for the session (2022-2023) :



INSTITUTE OF MEDICINE & ALLIED SCIENCES

RANKED

4th

STATE OF
UTTAR PRADESH

&

RANKED

15th

NATIONAL RANKINGS



IIRF-2023

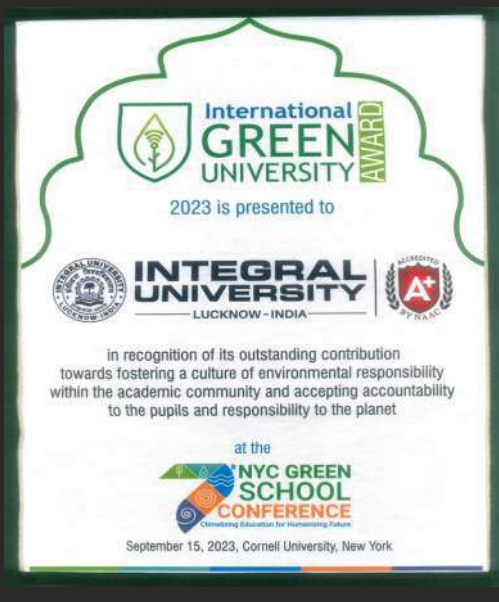
- **IDA Awards** : Integral University has been honored as the "**Torch Bearer in Higher Education category**"-2022 and recognized as the **winner of the Indian Didactics Association (IDA) Awards -2023** for "**Effective Implementation and Integration of ICT in Higher Education,**" acknowledging our dedication to cutting-edge teaching practices.
- **UI Green Metric World University Ranking** : Our commitment to environmental responsibility is exemplified by our ranking of **28th in India and 712th globally** among 956 universities from 80 countries that participated in the **UI Green Metric World University Ranking** conducted by Universitas, Indonesia.
- **International Green University Award-2023** : In recognition of our outstanding contributions to fostering a culture of environmental responsibility within the academic community, Integral University proudly received the **International Green University Award-2023** at the **7th New York School Conference** held at **Cornell University, New York**.

I would like to express my heartfelt gratitude to our committed faculty, diligent researchers, the dedicated IQAC/NIRF team, and the tireless staff across various departments. Special appreciation goes to the VC Secretariat, Controller's Office, Finance and Procurement sections, and all others who have made substantial contributions.

While we take a moment to celebrate these remarkable achievements, we must also acknowledge that our quest to establish new standards in higher education and attain a more prominent position in both national and international rankings requires unwavering dedication and continued hard work.

Together, we remain steadfast in our mission.

Prof. Javed Musarrat
Vice Chancellor



The Faculty of Law, Integral University was established in the year 2016 with the approval of the Bar Council of India. Since its establishment, it has always aimed towards achieving the University Motto-inspiring excellence. The faculty is thriving under the able guidance of Dr. Naseem Ahmed (Dean) and Dr. Seema Siddiqui (Head) and through five Societies who are constantly working on organizing various activities covering every socio-legal aspect.

The Session 2022-23 can be marked as a year profuse with activities that commenced with the 14-Day Interdisciplinary Faculty Development Program on the theme "India's Policies and Prospects in Achieving Sustainable Development Goals" organized by the Faculty of Law in collaboration with IQAC, Integral University, Lucknow and UNAI from 13th July to 26th July 2022 through Virtual Mode.

The Constitution Law Society, Faculty of Law, has celebrated Constitution Day, which is also known as 'National Law Day' or 'Samvidhan Diwas', on 26 November. The Constitutional Law Society, Faculty of Law continuing its tradition this year too has celebrated the Day with great zeal and enthusiasm. The Event was organized with the successful completion of 3 National Level Competitions i.e. 3rd National Online Quiz Competition, the 5th National Poster Making Competition, and the 7th National Essay Writing Competition. Students throughout the nation participated very actively in all the competitions with creative minds and motivation.

The Environmental Law Society, Faculty of Law, Integral University, organized a ROUND TABLE CONFERENCE on the theme "Right to a Clean, Healthy Environment as a Human Right" on the occasion of World Human Rights Day on the 10th of December 2022. The 2nd National Online Extempore Competition was organized by the Legal Aid Society, in collaboration with the Women Grievance Cell on 11th February 2023. The theme of the competition Nari Shakti was in correspondence with Goal 5 Gender Equality and Goal 10 Reduced Inequalities of the United Nations Goals of Sustainable Development this year.

The Legal Aid Society also organized four free legal aid camps in the session 2022-23, Barakhempur, Tehsil- B.K.T. Lucknow; Ambedkar Basti, Bhakhmau village; Ambedkar

The Faculty of Law, Integral University, Lucknow, in collaboration with SASAKAWA-INDIA LEPROSY FOUNDATION (S-ILF), organized a workshop on "LEPROSY: BREAKING MYTHS" under the aegis of YOUNG PARTNERS PROGRAM" on 15th of February 2023. The guest speaker, Mr. TANZEEL KHAN (Development Professional) delivered a very informative lecture with 150+ students registering for the event. The Faculty of Law, Integral University has organized Rendezvous: A Grand Alumni Meet on 3rd June 2023 for all its pass-out batches of the Faculty in Hall 1, Central Auditorium from 10:00 AM onwards. It was an amalgamation of two events, the Alumni Meet and the

Graduation Day Celebration for all the passing out students of the faculty. The Faculty of Law for the very first time introduced the concept of conferment of DEAN'S MEDAL and LETTER OF APPRECIATION to give recognition to those students who have majorly contributed and supported in the overall development of the department. The Environmental Law Society, Faculty of Law organized this online lecture on the 5th of June 2023, topic- "Mission Life- What is Needed Today is Mindful and Deliberate Utilization of Natural Resources Instead of Mindless and Destructive Consumption" in conformity with the Sustainable Development Goals set forth by the United Nations. Prof. Md. Zafar Mahfooz Nomani, Dean, Faculty of Law, AMU.

The Moot Court & Debating Society, Faculty of Law successfully organized a 2nd Intra-Debate Competition, Workshop on "Fundamental Rules of Memorial Drafting, "3rd Intra Moot Court Competition" and 2nd National Online Judgment Writing Competition on different occasions during this academic session maintaining and encouraging the academic and co-curricular development of the students and the departments

The Cultural and Literary Society, Faculty of Law, Integral University, Lucknow on the Birth Anniversary of Dr. B.R. Ambedkar, organized the Dr. B.R. Ambedkar Memorial Lecture (Online) on "Discrimination and Justice: Beyond Affirmative" on the 13th of April 2023.





The esteemed panel of guests, who graced the Constitution Day Celebration-2022, were Hon'ble Chancellor Sir Prof. S.W. Akhtar, Hon'ble Pro-Chancellor Dr. Syed Nadeem Akhtar, Vice Chancellor Prof. Javed Musarrat, Registrar Prof. (Dr.) Mohd. Harris Siddiqui, Chief Guest of the Hon'ble Mr. Justice Shamim Ahmed (Judge, Allahabad High Court, Lucknow Bench) and Dean Faculty of Law Prof. (Dr.) Naseem Ahmad.



Newsletter Released

Brief Report on The Minister for Minority Affairs visit to Integral University for the release of University Newsletter 2022

The Minister of State for Minority Affairs, Waqf and Haj, Mr. Danish Azad, visited Integral University. A high-level meeting was organized to discuss the projects, schemes and job-oriented courses offered by the university, and minority welfare schemes and employment prospects offered by the government. The meeting was chaired by the Founder & Chancellor, Prof. Waseem Akhtar. Appreciating the sincere efforts which are being made by the Govt. of Uttar Pradesh, Dr. Nadeem Akhtar, the Pro Chancellor, requested Mr. Danish Azad to assist the university in promoting its mission to provide quality education to all. Mr. Azad also graced the event of the release of the University Newsletter 2022. The event of the release of the University Newsletter was hosted by Dr. H.M. Arif Nadvi, Chief Editor (Newsletter) and Head, Department of Languages, Integral University. The event was coordinated by Dr. Aareena Nazneen, Editor (Newsletter) and Assistant Professor, Department of Languages, Integral University, Dr. Arshi Khan, Assistant Professor (Languages) and Ms. Vanya Srivastava, Assistant Professor (Languages). The Vice Chancellor, Prof. Javed Musarrat, delivered the welcome address and proposed Vote of Thanks. Mr. Danish Azad was overwhelmed by the progressive culture of the university and praised its insightful vision and mission.

Some of the glimpses of the visit:



Hon'ble Chancellor welcomes Mr. Danish Azad, Minister of State for Minority Affairs, Waqf and Haj,



The release ceremony of the University Newsletter 2022.

International Faculty Development Program

Department of Languages successfully organized the Third Season of Online International Faculty Development Program on Literature, Society and Thoughts: An Effort Towards Sustainable Development

The Department of Languages, Faculty of Humanities and Social Sciences, successfully organized the Third Season of International Third Season of International Faculty Development Program on Literature, Society and Thoughts: An Effort Towards Sustainable Development, under the aegis of Human Resource Development Centre (HRDC), Integral University, from 10th July to 21st July, 2023.

The Online International FDP aimed to walk through the apposite issue of Climate Change and Sustainability through Literature, Society and Thought through discussions and deliberations with the eminent international and national academicians, which include:

1. Prof Vishal Gupta, University of Alabama
2. Prof Elisabetta Marino, University of Rome "Tor Vergata", Italy
3. Prof Deb Dulal Halder, University of Delhi
4. Prof Murli Manohar, University of Hyderabad
5. Prof Nishi Pandey, University of Lucknow
6. Prof Sandeep Kumar, Banaras Hindu University
7. Prof Navneet Goel, BITS Pilani, Rajasthan
8. Prof Nagendra Kumar, IIT Roorkee, Roorkee
9. Prof Savita Kaushal, Jamia Millia Islamia, New Delhi
10. Prof MC Kesava Murty, Dravidian University, Andhra Pradesh
11. Prof Alka Singh, Ram Manohar Lohia National Law University, Lucknow

The expert speakers hold forth the elaborative relevance of literary scholarship and environmental concerns by expanding on vital issues such as Literary Pandemic, Feminist Killjoy, Artificial Intelligence, Computational Linguistics, Environmental Sustainability, Bloom's Taxonomy and Quality Education, among many. The program was well-received by the participants all across comprising noted academicians and industry-experts.



Online International Faculty Development Program Season III | Inaugural Session I 10 July 2023

The organizing committee is highly indebted to Prof Syed Waseem Akhtar, Hon'ble Founder & Chancellor, Integral University, Prof Syed Nadeem Akhtar, Hon'ble Pro Chancellor, Integral University, Prof Javed Musarrat, Hon'ble Vice Chancellor, Integral University, Prof Haris Siddiqui, Registrar, Integral University, Prof Syed Aqeel Ahmad, Director HRDC, Integral University, Prof Shahid Ali Khan, Dean FOHSS, Integral University, Prof HM Arif, Head Languages, Integral University and Prof Elisabetta Marino, University of Rome "Tor Vergata" for joining the Inaugural Session and setting the cadence of the IFDP. We are obliged by the salient assistance to all our academic endeavors and specially associating with this program for its resounding success.

The program was convened by Dr Aareena Nazneen, Convener IFDP & Assistant Professor, Languages, Ms. Vanya Srivastava, Convener IFDP & Assistant Professor, Languages, Dr Arshi Khan, Convener IFDP & Assistant Professor, Languages and Dr Zeba Rizvi, Convener IFDP & Assistant Professor, Languages.

Hindi Diwas

The Department of Languages commemorated National Unity on Hindi Diwas, 14 September 2023



The Department of Languages celebrated Hindi Diwas on 14th September 2023. The program celebrated and highlighted the importance of Hindi and other Indian languages in maintaining unique cultural diversity and vibrance of India. It also reflected on the factors leading to the debilitating status of Indian languages and what could be done to restore their dignity and stature.

The noted academician, Dr Saurabh Malviya working as Associate Professor, Makhnallal Chaturvedi University, Bhopal, Madhya Pradesh and is also deployed as 'Special Officer' of Uttar Pradesh Basic Education Directorate, was the eminent speaker of the event. He efficiently highlighted the socio-cultural, economic benefits of Indian languages in the age of technological advancement.

The Chief-Guest, Prof. Syed Aqeel Ahmad, Head, Department of Civil Engineering and Director, Human Resource Development Center (HRDC), Integral University, beautifully reflected on the interdependence of Urdu and Hindi languages in sustaining the cultural unity of India. The audience enthusiastically enjoyed the sessions of the eminent speakers.

The students of BA Hons English II Year, Zaid, Nikita Verma and Fatima Amin presented the exceptional self-composed poem and speech in Hindi. The program ended with memento presentation to the Guest Speakers, followed by the National Anthem.

The program was convened by Prof. Shahid Ali Khan, Dean, Faculty of Humanities and Social Sciences, Integral University and Prof. (Dr) HM Arif, Head, Department of Languages, Integral University. It was organized by Dr Aareena Nazneen, Assistant Professor, Languages and Ms. Vanya Srivastava, Assistant Professor, Languages.

Language Workshop

The Department of Languages organized Language Workshop to promote the certificate courses in German, Arabic, Urdu, Hindi and Computational Linguistics

The Department of Languages organized the Language Workshop to promote its newly launched certificate courses in German, Arabic, Urdu, Hindi and Computational Linguistics on 25 September 2023 at Academic Block D, Third Floor. The aim of the workshop was to facilitate and apprise students with the vocational benefits and language competency provided through the certificate courses.

The sessions of workshop were conducted by the external expert, Dr Zareen Mahmood, and faculty members, Ms. Vanya Srivastava, Dr Ilyas Khan, Dr SM Sabih, under the convenorship of Prof. (Dr) H.M. Arif, Head, Department of Languages and Dr Aareena Nazneen, Assistant Professor, Languages. The student coordinators, Aagaz Pratap Singh, MA English II Year, and Mahvish Ansari, MA English I Year, enthusiastically coordinated the program.

The students of various departments enthusiastically participated in the workshop and showed active interest in the certificate courses.

Magazine Launch 2023

The Department of Languages successfully released the second edition of Students' Literary Magazine-Inspira

The Department of Languages successfully launched the second edition of Students' Literary Magazine- Inspira on 12 October 2023. The magazine has been a time-honoured venture of Dr Arshi Khan, under the invaluable guidance of Prof H.M. Arif (Head, Languages), assisted by Ms. Eram Fatima, Student Editor, of the magazine. The Inspira intended to give a platform to students for raising a hat to their creative zeal and social awareness.

The launch was a grand affair cherished by the esteemed presence of Hon'ble Founder and Chancellor, Prof Syed Waseem Akhtar, Hon'ble Pro-Chancellor, Prof. Syed Nadeem Akhtar, Hon'ble Vice-Chancellor, Prof. Javed Musarrat, Syed Adnan Akhtar, Executive Director, Directorate of International affairs, IU, Mr.Fouzan Akhtar, Executive Director, IIMSGR, IU, Dr.Nida Fatima, Deputy Director CIED, IU, Prof. Syed Aqeel Ahmad, Director, HRDC, IU, Prof.T.Usmani, Chairman, Doctoral Studies & Research, IU, Dr.Atif Siddqui, Head, Electrical & Electronics, and Dr Naila Suhail as the special invitee.

The Head, Department of Languages, Prof H.M. Arif welcomed the dignitaries, special invitees, and the guest of honor with flair elan and set the spirited momentum of the event. The students staged brilliant performances accentuating the theme of the magazine, 'socio-cultural problems of society and its remedy'.

The opening performance was a Nazm by Ishrat Khan, alumnus, Dept. Of Languages, who in his unique poetic style presented his immense sense of reverence to Hon'ble Chancellor, Pro-Chancellor and Vice-Chancellor. Student of BA English, Anika Rahman, elaborated upon fettering prejudices of the society. Shivani, a student BA English, reflected on the magnanimous role of a teacher in the students' life. The high energy Beat Boxing show by Abdullah Ali and Group Song by Btech students thrilled the audience. The self-composed poems by Umra, MA English, filled the energetic atmosphere with sublimity. The comedy skit "Ek Bhoot ki Katha" depicting the life of a male-ghost victim to a matriarchal setup hilariously brought out humanistic concerns of modern times. The most striking performance of the program was "Agneepath" a skit in two parts- emphasizing on Women Education and Brain Drain, performed by the students of BA English.

The program was well received by one and all. Hon'ble Chancellor Sir expressed his strong admiration of the event and the magazine. Hon'ble Pro-Chancellor Sir praised the Department's endeavor in bringing out a huge cultural diversity and literariness through the program and congratulated Prof H.M Arif for his vision and practices towards the progression of the Department. Hon'ble Vice-Chancellor Sir talked about the culmination of the spirit of creativity and learning through the magazine and also suggested of its expansion at the University level.

The program concluded with the Vote of Thanks by Dr Arshi Khan, Coordinator, Literary Society followed by National Anthem. Ms Eram Fatima, Research Scholar (Languages), held the strings of event through her dynamic compèring. Dr. Khan and Ms. Fatima with the guidance of Prof HM Arif, coordinated the event for its grand success.

The Honorable Vice Chancellor, Prof. Javed Mussarrat, Controller of Examination, Prof. Abdul Rahman Khan and Dean, Faculty of Humanities and Social Sciences, Prof. Shahid Ali Khan, were present in the Freshers Party of Department of Languages as a part of their Official Departmental Visit.

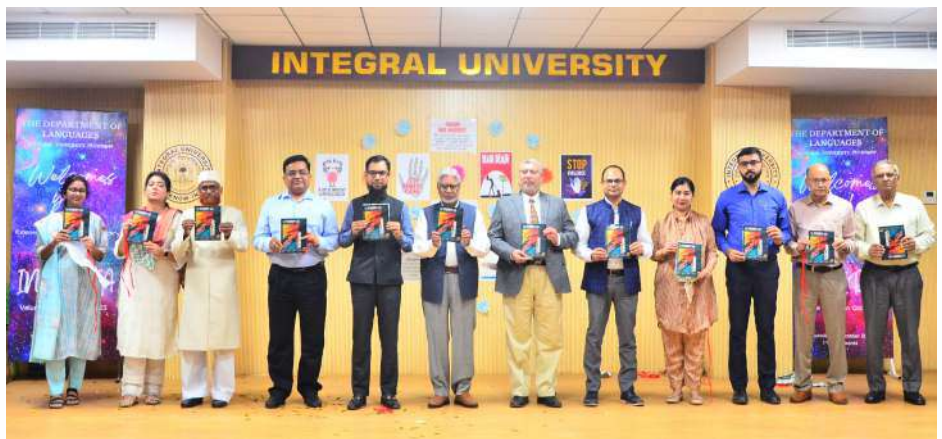


A visit to the Department of Languages



Magazine Launch 2023

The Department of Languages successfully released the second edition of Students' Literary Magazine-Inspiria



DEPARTMENT OF MECHANICAL ENGINEERING

Mr. Joshua Zick, a Bachelor of Engineering student at, Technische Hochschule Nuremberg, Germany, under the DAAD Research Internships in Science and Engineering (DAAD RISE Worldwide), scheme opted for a week internship on "System Design, Performance Evaluation and Techno-Economic Analysis of One MW Grid Interactive Solar System" installed at Integral University, Lucknow. Mr Joshua Zick completed his internship under the supervision of Dr. P.K.Bharti, Professor and Er. Shara Khursheed, Assistant Professor Department of Mechanical Engineering from 1.8.2022 to 9.9.2022.



DAAD Research Internships in Science and Engineering

Department of Mechanical Engineering organized One day workshop on "Nondestructive Testing and Career Opportunities" in Association with Quest Institute Pvt. Ltd, Lucknow. Expert Er. Anchal Kumar Singh working as a Chief Executive Officer, at Quest Institute Pvt. Ltd, Lucknow. Mr. Singh discussed

the various fields in which students can explore their careers along with the scope and importance of higher studies. Workshop encompassed the various topics related to Nondestructive Testing like the importance of NDT in the industry, various methods of nondestructive testing; advantages of NDT, application areas, commonly used methods of NDT, and career opportunities in NDT.

Department of Mechanical Engineering, Integral University, Lucknow organized a Two-Days workshop on "Mechanical, Electrical and Plumbing-MEP" in collaboration with Sofcon India Pvt. Ltd., Lucknow on September 27-28, 2022, the basics and applications of HVAC were well explained in this workshop. The expert discussed various calculations involved and geometric visualizations of HVAC concepts focusing on Mechanical and Electrical needs. Contemporary topics like VRV / VRF air conditioning were also discussed along with applications.

Department of Mechanical Engineering organized a guest lecture on the topic "Precision Manufacturing" by Er. Amitava Banerjee, former Additional General Manager, HAL Lucknow, on 03/04/2023. The expert lecture covered topics related to the process of producing high-quality products with tight tolerances and high accuracy, CNC technology, 3D Printing, and Artificial Intelligence. The session concluded with an interactive question-and-answer session

Department of Mechanical Engineering, Integral University, Lucknow organized a guest lecture on "CAD/CAM applications in Design and Manufacturing" on December 07, 2022. The resource person for the guest lecture was Er. Khalid Abbasi, Assistant Professor, Department of Mechanical Engineering, Amity University, Lucknow. He explained to students about the various features of CAD/CAM programming and briefed them about 3D programming.

An interactive session on "Women Empowerment "was organized by the Department of Mechanical Engineering in collaboration with the Women's Study Centre on 30th August 2022. Ms. Manjary Upadhyaya welfare activist shared her personal experiences on the occasion. She also discussed various safety issues of women and emphasized on acquiring knowledge for their empowerment.

NATIONAL CONFERENCE ON EDUCATION AND DEVELOPMENT

Empowering and Uplifting the Underprivileged at Integral University, Lucknow



From left: Prof. Javed Musarrat, Dr. Najeeb Jung, former LG of Delhi and Ex-VC, Jamia Milia Islamia, Prof. Syed Waseem Akhtar, Lt. Gen Zameer Uddin Shah & Mr. Shahid Siddiqui, Former MP

National Conference on Education and Development: Empowering and Uplifting the Underprivileged at Integral University, Lucknow

Integral University, Lucknow in association with Alliance for Economic and Educational Development of the Underprivileged (AEEDU) organized the 2nd National Conference on Education and Development-Empowering and Uplifting the Underprivileged on 29-30th April 2023.

The AEEDU aims to promote education, empower underprivileged communities, and bring under one umbrella NGOs and other institutions with the common mission of uplifting the underprivileged. In the same lieu, the Conference is an attempt to improve quality and promote excellence in primary, elementary, and secondary education among the educational institutions.

The opening session of the conference was graced by eminent personalities with Dr. Najeeb Jung, former LG of Delhi and Ex-VC, Jamia Milia Islamia, as the Chief Guest. Mr. Jung emphasized the importance of modern education inspired by the global knowledge system for the effective development of underprivileged communities.

The session was also enriched by the Former Deputy Chief of Army Staff and ex. VC- at Aligarh Muslim University, Lt. Gen Zameer Uddin Shah, delivered the welcome address highlighting the significance of the change of mentality, systems, world views, and actions with the unified front for overcoming the problem of under representation of the minorities. The Founder and Chancellor of Integral University, Prof. Syed Waseem Akhtar, enhanced the significance of the conference by presenting the progressive culture and state-of-the-art functioning of Integral University to promote the growth and development of the under represented communities. Mr. Shahid Siddiqui,

Former MP and editor of Nai Duniya, furthered the tone of the conference by underlining the effective use of the demographic dividend of India as one the most potent tools for enhancing quality education and initiatives for the upliftment of society. The Former Chief Election Commission of India, Dr. S.Y. Quraishi, continuing the significance of quality education mentioned breaking the stereotypes concerning the religion, status of women, and democracy of the underprivileged communities.

The session was closed by the Vice Chancellor of Integral University, Prof. Javed Musarrat, who commended the dignified speakers for the successful conduct and culmination of the session and hoped to carry forward the enlightening learning of the conference.



Field Visit to Primary Health Care Unit at Sansarpur, Kursi Road, Lucknow, UP

On 17-02-2023, 60 First-year D. Pharm students and coordinators from the Faculty of Pharmacy of Integral University embarked on a field visit to the Primary Health Care Centre in Sansarpur, Kursi Road, Lucknow, UP. During the visit, students were introduced to the various departments and services offered at the Primary Health Care Centre. Students learned about the importance of accurate patient data collection and the role, it plays in diagnosis and treatment. They also observed consultations between healthcare professionals, including doctors, nurses, and pharmacists. Furthermore, students got the opportunity to interact with patients and understand their healthcare needs.

Field Visit to an Old Age Home: Aastha Health Resort

On 01 May, Sixty D. Pharm students in the first year boarded a field visit to Aastha Health Resort, an Old Age Home located in Mahanagar, Lucknow, UP.

During the visit, students engaged in conversations with the elderly residents, listening to their life stories and experiences. This interaction allowed the students to develop a better understanding of the physical and psychological changes that accompany aging. It instilled in them a deep sense of empathy, compassion, and respect for the elderly population.

Blood Donation Camp

A voluntary blood donation camp was successfully organized in collaboration with IIMS&R, Integral University on 06/03/2023 (Monday) to help the patients in need. A number of volunteers both boys and girls came forward for blood donation and donated blood to the blood bank of IIMS&R. The main focus of the blood donation camp is to raise awareness about blood donation which helps to save life of people.

Awareness Campaign on Lifestyle Disorder, Cancer, AIDS & Chronic Diseases

The Awareness Campaign on Lifestyle Disorder, Cancer, AIDS & Chronic Diseases was successfully held in Village Para with the motive to appeal to the general public on the importance of lifestyle changes in preventing health issues like Diabetes, Hypertension, Cancer, AIDS, and other chronic diseases. Pamphlets based on the Prevention of Lifestyle Disorders, Cancer, and AIDS were distributed among the general public in the village para.

Another Awareness Campaign on the Prevention of Adverse Drug Reactions and Food Drug Reactions was successfully held in Village Bhakhamau. Pamphlets based on the Prevention of Adverse Drug Reactions and Food Drug Reactions were distributed among the general public in village Bhakhamau.

Awareness Campaign on Stop of Misuse of Narcotics & Psychotropic Drugs in Village Kauriamau

The motive was to appeal to the general public on the importance of stopping of misuse of Narcotic and Psychotropic drugs among the young generations. As healthcare expert, we, pharmacists, also aware the general public about the harmful consequences of Narcotic and Psychotropic drugs, smoking consumption of alcohol etc., and emphasized to abstain from Narcotic and Psychotropic drugs. Pamphlets based on the Stop of Misuse of Narcotics & Psychotropic Drugs were distributed among the general public in the village of Kauriamau.

Antimicrobial Awareness Week

It promotes the dissemination of knowledge to prevent and minimize resistance. In this context, the Faculty of Pharmacy observed World Antimicrobial Awareness Week from November 18th, 2022 to 24th November, 2022 as promoted by WHO. The program was successfully organized through various events, as discussed below.

Events/Activities:

Online Quiz: An online quiz competition was organized on 18/11/2022 (Friday) for all Diploma, UG, and PG students.

Seminar: A seminar was successfully held on 21/11/22 (Monday) between 2:00 to 3:00 PM on the theme "Preventing Antimicrobial Resistance Together". The speaker (Dr.) Quazi Shaheer Ahmad, Head, Department of Pharmacology, IIMS&R discussed the context and the need for creating awareness amongst the community concerning antimicrobial resistance. It was held at IIMS&R, Integral University.

Hospital visit/Rural visit: The above event was followed by awareness drives in adopted villages and a hospital visit on 22/11/2022 (Tuesday). These villages are Para, Kodiumau and Bhakhamau. Hospital visits included a visit to Balrampur Hospital, a Government Hospital in Lucknow. The main focus of the staff and students of Pharmacy was to raise awareness among physicians, health care specialists, and the general public on the rational use of antibiotics.

Nukkad Natak (Street Play):

The events of the awareness week concluded on 22/11/2022 (Tuesday) through a street play enacted by the student participants in the adopted villages to apprise the role of pharmacists in obviating antimicrobial resistance.

Second Professional Development Program (PDP) on "Strategies to overcome challenges in Drug Development".

Drug development faces the double challenge of increasing costs and increasing pressure on pricing. Keeping in this view, the Faculty of Pharmacy organized the Second Professional Development Program (PDP) on "Strategies to Overcome Challenges in Drug Development". The duration of the PDP was from 12th December to 17th December. The sessions were held online on the Google Meet Platform. A total of 196 participants have been registered throughout the country and abroad.

Following were the highlights of the PDP:

- " Recent advances in computer-aided drug design and their applications.
- " Recent advances in Immunotherapeutics
- " New approaches and guidelines for the standardization of Phytopharmaceuticals.
- " Emerging Trends in Novel Drug Delivery Techniques.
- " Regulatory aspects and perspective of Safety Pharmacology Studies.
- " Novel Approaches in Medicinal Chemistry.

Workshop/Hands-on Training

An online workshop on "SeeSAR - A Drug Design Software" was organized in collaboration with Zastra Innovations and BioSolveIT on 1st June 2023.

The workshop aimed to familiarize participants with SeeSAR, a 3D desktop modeling platform for drug design developed by BioSolveIT, and its practical applications in the field of Structure-Based and Ligand-Based Drug Design (SBDD and LBDD). The workshop attracted a restricted number of 30 participants, with 28 faculty members from various departments participating.

3rd National Pharmacovigilance Week was observed from 17-23 September, 2023. Organized by: Adverse Drug Reaction Monitoring Centre (AMC) Faculty of Pharmacy and IIMSR, Integral University, Lucknow, Under the aegis of Pharmacovigilance Programme of India (PvPI), Indian Pharmacopoeia Commission, Ministry of Health & Family Welfare, Government of India.

The 3rd National Pharmacovigilance Week was celebrated from September 17-23, 2023 by the ADR Monitoring Centre (AMC), Faculty of Pharmacy in collaboration with IIMSR, Integral University. The theme of the Pharmacovigilance Week was 'Boosting Public Confidence in Pharmacovigilance.' To celebrate the week, various events were organised, such as a walkathon and poster presentation, quiz, and sensitising sessions for health professionals, students, patients, and school children.

On September 18, 2023, a group of motivated students participated in a walkathon to commence the Pharmacovigilance Week.

An awareness session was organized on September 18 for health care professionals through a lecture delivered by Prof. Abha Chandra, Dean, Faculty of Health & Medical Sciences, Integral University. The topic of her address was "Adverse Drug Reactions & need of Pharmacovigilance". She gave a deep insight of the topic through several examples highlighting the topic. She emphasized on the significance of ADRs reporting. A total of 4 lecture sessions were followed by a poster session where students were awarded medals and certificates.

Short skits/films/sketches organised by the Department of Pharmacy, Faculty of Pharmacy

In the view of this successful moon-landing by Chandrayaan-3, to celebrate and commemorate India's historic achievement, the students from various courses at the Faculty of Pharmacy, Integral University under the aegis and guidance of Prof. Syed Misbahul Hasan, Dean and Prof. Juber Akhtar, Head of the Department, organised various events like Poster presentation, Speech or Extempore and recorded Videos on various themes like:

- 'India on Moon'
- 'New India on Moon'
- 'Moon is not far away'
- 'Lunar Journey of New India'
- 'Self-reliant India's Chandrayaan'

Guest Lecture on the topic "Natural Sources: Plants and Microbes; Importance and Significance in Pharmacy" by Prof. Amalesh Samanta at Faculty of Pharmacy

The Faculty of Pharmacy at Integral University organized a captivating guest lecture on September 2, 2023, featuring Prof. Amalesh Samanta, a distinguished academician and Professor from the Department of Pharmaceutical Technology at Jadavpur University, Kolkata. The lecture centered on the intriguing topic, "Natural Sources: Plants and Microbes; Importance and Significance in Pharmacy."

Prof. Samanta was introduced by Dr. Mohd Irfan Khan, Associate Professor to the Pharmacy students, highlighting his illustrious academic career and his significant contributions to the field of pharmaceutical technology, particularly in the area of natural sources and their relevance to pharmacy. His lecture was insightful and comprehensive. He delved into the significance of natural sources, including plants and microbes, in pharmaceutical research and drug development.

A Report of Guest Lecture on "Anti Ragging Awareness" August 18th, 2023

As per the directives of UGC & Higher Education Department, Government of Uttar Pradesh, the Office of Dean, Students' Welfare, Integral University observed "Anti Ragging Awareness Week" from 12th August to 18th August, 2023. UGC has framed regulations on curbing the menace of ragging in higher educational institutions, which are mandatory and need to be implemented by higher education institutes, through proper monitoring and ensuring strict compliance.

In view of above, Faculty of Pharmacy organized a guest lecture on the theme of "Anti Ragging Awareness" on 18th August 2023. The programme started at 2:30pm in seminar hall, at Department of Pharmacy with the warm welcome address by Dr. Ahsan Ahmed Khan (Programme Coordinator). Ms. Shabana Khatoon and Mr. Usama Qutub (Programme coordinators) introduced the guests to the gathering including students and faculty members. The aim of organizing this lecture was to create awareness about the menace of ragging and its prohibition in order to maintain "Ragging free campus" in the university.

Dr. Seema Siddiqui, Head, Department of law, Integral University, delivered a lecture on the topic "Anti Ragging Awareness". Dr. Seema Siddiqui started her speech with an explanation to world "ragging". She apprised the gathering about the consequences of ragging which in her opinion would be devastating for both the parties.

Seminar cum workshop on 'Implementing cGMP - Best Practices for Manufacturing Excellence'

On the occasion of National Current Good Manufacturing Practice Day On October 10, 2023, a significant event was held at the Faculty of Pharmacy, Integral University, Lucknow, India, to commemorate the National Current Good Manufacturing Practice (cGMP) Day. This event was a seminar cum workshop with a focus on "Implementing cGMP: Best Practices for Manufacturing Excellence". The event featured Mr. Mahmood Alam Siddiqui, Former Assistant Production Manager at Cipla, Sikkim, as the distinguished speaker. The seminar cum workshop aimed to educate and train participants, particularly students and professionals, on the importance of cGMP in the pharmaceutical and manufacturing industries. His presentation was focused on the fundamentals of cGMP and its practical implementation in the pharmaceutical manufacturing sector. He provided an in-depth understanding of the basics of cGMP, its regulatory framework, the importance of quality assurance, risk management, data integrity, and the consequences of any violations.

Following the informative lecture, Mr. Mahmood Alam Siddiqui conducted an interactive workshop where participants, primarily students, had the opportunity to gain hands-on experience with various instruments used in pharmaceutical manufacturing.

Keynote lecture by Mr. Gyani Pularu, Ex-Manager at Pfizer during orientation

The Orientation Program was held for first year students admitted to several pharmacy programs at the Department of Pharmacy, Integral University, Lucknow, from August 24 to August 26, 2023. The program featured a keynote lecture by Mr. Gyani Pularu, Ex-Manager at Pfizer, and aimed to provide students with valuable insights into the pharmaceutical industry and their academic journey.

Mr. Gyani Pularu, an industry expert and former Manager at Pfizer, delivered an insightful lecture on the evolving pharmaceutical landscape and the role of pharmacists in the industry. He shared his experiences and provided valuable insights into career opportunities for pharmacy graduates. A panel discussion featuring successful alumni from various pharmacy programs was organized. Alumni shared their career journeys, offering guidance and motivation to current students.

'World Pharmacists' Day' was celebrated on September 25, 2023 at Faculty of Pharmacy, Integral University, Lucknow

The annual Pharmacy event at Integral University was not only a showcase of talent but also a day of inspiration and motivation. This year's Pharmacist Day theme was "Pharmacists strengthening health systems- Angdaan Mahadan". The commitment of both students and faculty to the field of pharmacy was clearly evident, and it was a day well spent in appreciation of their dedication and hard work.

The event included captivating guest lecture by our alumni Dr. Pragati Shakya, Scientific Officer from the UP Food and Drug Administration. Dr. Shakya's session was nothing short of extraordinary. She began with a self-composed poetry that beautifully elaborated on the essential role of pharmacists in society and on Angdaan Mahadaan. Her poetic words left a lasting impact on everyone in attendance.

Herbal Garden Plantation Drive:

The event took a moment to connect with nature as the dignitaries, led by Dr. Pragati Shakya and Prof. (Dr.) Syed Misbahul Hasan, moved to the Herbal Garden for a plantation drive.

Student Engagement Activities:

The students actively participated in various activities throughout the day, showcasing their creativity and skills which included Pharma Rangoli, Just-A-Minute, Pharma - Antakshari etc.

Celebration of 'National Pharmacy Week' from 15 Oct through 21 Oct, 2023.

The 'National Pharmacy Week' was created to recognize the vital contributions that Pharmacists are making every day to Patient care and to Pharmaceutical industry. In this context, Department of Pharmacy celebrated National Pharmacy Week from 15 Oct - 21 Oct, 2023. In the

weeklong event, various activities were organized for students viz. slogan writing, debate competition, online quiz and an awareness drive to apprise them on the importance and role of a Pharmacists in today's scenario. A bulk of students from Pharm. D and D. Pharm participated with great enthusiasm. The event was concluded with declaration of first three winners under each event.



Lucknow, Uttar Pradesh, India
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PLANTATION DRIVE

Integral University organized a plantation drive at its lush green campus

Integral University organized a plantation drive at its lush green campus on 18th August 2023 as part of the plantation initiative, which is aligned with the Indian government's 'Green India Mission', which aims to increase forest and tree cover to enhance ecosystem services and promote sustainable forest management.

The plantation drive was organized by the Dean, Students' Welfare, Professor Monowar Alam Khalid, who addressed the participants and emphasized the urgency of taking proactive steps towards plant conservation. He highlighted the integral role that trees and plants play in purifying the air, conserving soil, providing habitat for wildlife, and beautifying our surroundings. He said that the plantation drive was not merely a one-day event, but should be a long-term commitment to nurture and care for the

saplings that were planted. Integral University students, faculty and staff members enthusiastically planted a diverse range of saplings, including native trees, ornamental plants, and medicinal herbs. The act reflects the university's dedication to ecological balance and sustainable landscaping practices. The plantation drive at Integral University's Lucknow campus inspired and motivated students and faculty members and set an example of the positive change that can be brought about when individuals and institutions unite for a common cause. The event not only raised awareness about the conservation of plants but also ignited a sense of ownership and connection with the environment, which will help in biodiversity conservation in the long run.



**INTEGRAL UNIVERSITY**
LUCKNOW - INDIA



OBSERVES
PLANTATION DRIVE — A GO GREEN INITIATIVE
AT UNIVERSITY CAMPUS

CONVENER
PROF. M.A. KHALID
Dean, Students' Welfare
Integral University, Lucknow



Skill Development Workshop on Design & Assembling of LED Lights and Demonstration to Industrial Automation:

The Department of Electrical & Electronic Engineering, University Polytechnic, Integral University, Lucknow organized a One-Day Skill Development Workshop in Collaboration with ElectroCus Solution on "Design & Assembling of LED Lights and Demonstration to Industrial Automation (Industry 4.0)" on 12th June 2023. The program was organized under the guidance and mentorship of Prof. Intezar Mahdi, Principal of University Polytechnic, Integral University, Lucknow. The workshop aimed to teach the diploma students the designing and assembling of LED lights through practice and instructions. The students were also demonstrated the process of Industrial Automation using PLC panels.

Workshop on Design & Assembling of LED Lights and Demonstration to Industrial Automation (Industry 4.0)"

Quiz Competition EPSILON-2022:

The Department of Applied Mathematics, University Polytechnic, Integral University organized, a Quiz Competition "EPSILON-2022" theme "Explore the Game of Knowledge" in two rounds. The first round was held on 07.12.2022 in which around 100 students of polytechnic actively registered and participated. The second round was held on 15.05.2023 among the top four teams. The quiz aimed to inculcate in students the importance of the subject of Mathematics' across all academic fields and its application in various fields. The quiz was conducted in several rounds namely buzzer round, rapid fire round, visual round, stick and chit round. The teams engaged in brain-wrenching sessions which were exciting for the participants and the audience.

Creative of Explore the Game of Knowledge

Value-Added Course (VAC) on "Non-conventional Sources of Energy and its Scope (DMV-01)"

The Department of Mechanical Engineering, University Polytechnic, Integral University, Lucknow, organized an online Value-Added Course (VAC) on "Non-conventional Sources of Energy and its Scope (DMV-01)" for the students of Integral University from May 01, 2023 to May 31, 2023, using ILI-LMS.

Scientia Fair- 2022:

The Department of Applied Sciences, University Polytechnic, Integral University, Lucknow organized "Scientia Fair- 2022" on 11.11.2022 on the occasion of National Education Day. It was a competitive exhibition where students presented their projects in the form of reports, display boards, and models from the fields of Science and Engineering. The exhibition allowed the students to apply their classroom and bookish knowledge into

practice and develop a taste for 'Learning by doing'. The students explained the working and usage of their models to the expert jury members which inculcated their confidence and self-reliance. The competition displayed the teamwork spirit of the students and allowed them to showcase their skills and talents.

Celebration of World Habitat Day:

The Faculty of Diploma in Architecture, University Polytechnic, organized a 3-Day Event from 13-10-2022 to 15-10-2022 on the occasion of World Habitat Day. World Habitat Day is marked on the first Monday of October each year, whereby the objectives of the United Nations reflect on the living conditions in our towns and cities and the essential right to adequate housing for all. The day is also intended to remind the world that everyone has the power and the responsibility to shape the future of towns and cities. Various activities namely, Rangoli Design, Tattoo Making, face painting, Escape Room, Poster Making, Mehdi Competition, Just A Minute, Singing Competition, Debate Competition, Best out of Waste, Clay Modelling, and Photography Competition were conducted.

A guest Lecture on the theme "Mind the Gap. Leave No One and No Place Behind" was also delivered by Architect Dr. Ritu Singh, Assistant Professor at R. R. Institute which drew attention to the growing inequalities and vulnerabilities that have been exacerbated by the triple 'C' crises - Covid-19, Climate and Conflict.

Celebration of World Habitat Day

Workshop cum Guest Lecture on "Python-Importance, Applications and Future Scope":

The Department of Computer Science & Engineering, University Polytechnic in collaboration with Soft flew Technologies and Training Institute, a sister concern company of Skyview Smart Solutions, Lucknow, organized a Workshop cum Guest Lecture on "Python-Importance, Applications and Future Scope" on 2nd March 2023.

The purpose of this event was to create more knowledge and awareness about the language, its importance, and applications in the present time and to know its future scope. The workshop was intended to develop the students' technical abilities, so they can make the most of it and build a successful career. The team of expert speakers and trainers from Soft flew Technologies, Project Manager Mr. Shamik Zafar, Trainers Mr. Nirbhay Singh, Mr. Zainuddin Khan, and Mr. Shahab Ahmad Siddiqui Conducted the sessions.

Workshop cum Guest Lecture on "Python-Importance, Applications, and Future Scope": A Glimpse

School of Pharmaceutical Sciences visits Coca Cola,

Umrah, Barabanki, Uttar Pradesh, India

School of Pharmaceutical Sciences (SPS), Faculty of Pharmacy, Integral University, Lucknow, India organized a visit to Coca Cola, Umrah, Barabanki, Uttar Pradesh, India on 4th of April 2023 from 01:30 pm to 04:00 pm for the first year students of Diploma in Pharmacy, SPS.

The visit was planned to inculcate students with the industrial environment and its work flow. Visit to industry satisfies the Sustainable Development Goal (SDG) number 4 i.e. Quality Education and SDG 9 i.e. Industry, Innovation and Infrastructure. This Visit also complements International Pharmaceutical Federation (FIP) Goal number 02 i.e. Early Career Training Strategy and FIP Goal No. 09 i.e. continuing Professional Development Strategies.

On 4th of April 2023 first year students of Diploma in Pharmacy, were taken to Coca Cola, Umrah, Barabanki, Uttar Pradesh, India, as an active learning process mentioned in the D.Pharm curriculum recommended by Pharmacy

Council of India- Education Regulation 2020. Students prepared themselves thoroughly before visiting the industry. A total of 46 students from the first year visited the industry. Students were given a tour of the entire manufacturing area, packaging & labeling area and massive warehouse. The representatives from staff were well cooperative with the students in demonstrating the process of manufacturing of beverages and technologies used in the same. They also patiently and satisfactorily answered the curiosity driven questions of the students.

The visit concluded with a memorable group photograph and soft drinks as gift samples to students. The visit was well coordinated by Ms. Widhika Singh (Lecturer, SPS), Mr. Asad Ahmad (Lecturer, SPS) and Ms. Mahvish (Lab Incharge, SPS).



DEPARTMENT OF PHYSICS

Highlights of the major activities and achievements

1. **Extension Activity: Plantation Drive - A Go Green Initiative under the aegis of आजादी का अमृत महोत्सव-स्वतंत्रता सप्ताह Detailed Report on Extension Activity**

About the Event

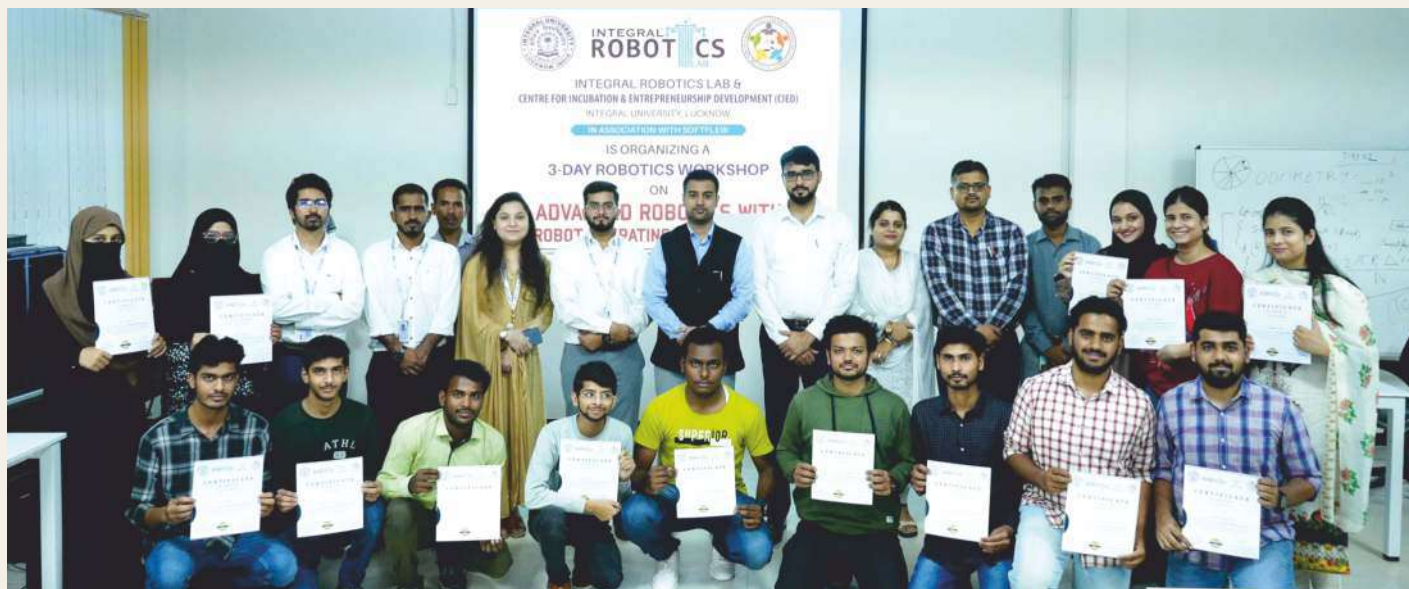
Considering the manifold benefits of planting a tree, the Department of Physics, Integral University, in collaboration with WORK NGO, U.P. East Chapter, conducted a Plantation drive - A Go Green Initiative under the aegis of 'Azadi Ka Amrit Mahotsava - Swatantrata Saptah' in Paikramau village (adopted village) on 15th August 2022. The Conveners, Coordinators, Faculty, Students, and Volunteers of WORK NGO reached the Paikramau village by college bus at 2:30 PM. After reaching the Prathmik Vidhyalaya, they interacted with the local villagers. Prof. M. A. Khalid, Dean of Students' Welfare, Integral

University and Mohd. Zubair Khan, Head, NGO - WORK, U.P. East Chapter, briefed about the importance of the plantation activity to the local villagers. Prof. M. A. Khalid and Dr. Seema Srivastava, Head, Department of Physics, Integral University also felicitated the volunteers of WORK NGO by presenting them with a memento and certificate of appreciation for their active participation in this noble cause. The program ended on a high note with the distribution of refreshments to the staff, children, and local villagers.

Achievements of Faculty Member:

Dr. Mohd Shahalam, Assistant Professor, Department of Physics, has been selected for the prestigious Visiting Associateship Program at the Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune, for three years with effect from August 1, 2023 till July 31, 2026.

Robotics Workshop on "Advanced Robotics with Robot Operating System (ROS)"



A Three-Day workshop on "Advanced Robotics with Robot Operating System" was organized by the Integral Robotics Lab and the Centre for Incubation and Entrepreneurship Development in collaboration with Soft-flew Technologies on 29th April 2023 to 1st May 2023 to impart in-depth understanding of Robot Operating System (ROS) and its advanced concepts.

The participants learned about the significance of robotics, introduction to the Arduino board, two-wheel differential drive, odometry, wheel encoders, design and control of robotic systems, how to analyse, evaluate, and validate robotic systems in complex environments, through the interactive session taken by the expert. Participants also extended the concept to implementing the algorithms on hardware, through our state-of-the-art Integral Robotics Lab. The program was a success and provided students with the necessary knowledge and skills to design to develop innovative and intelligent products.

The workshop was organized under the guidance of Mr. Syed Adnan Akhtar, Executive Director, Directorate of International Affairs and Centre for Incubation and Entrepreneurship Development, and it was attended by 30 students from Computer Science Engineering (CSE), Electrical Engineering (EE) and Mechanical Engineering (ME). As part of the workshop, a questionnaire was conducted to assess the participants' learning outcomes.

The workshop ended with the concluding remarks emphasizing that the participants should relate scientific knowledge to robotic systems, by critically considering their interaction with societal aspects. The participants expressed a desire for another robotics workshop with hands-on training, and industry-oriented topics, which was well received by the team of the Integral Robotics Lab. The faculty coordinators were Dr. Faiyaz Ahmad (Dept. of CSE), Dr. Mohammad Atif Siddiqui (Dept. of EE), Dr. Sumita

Chaturvedi (Dept. of ME), Mr. Mohammad Zaid (Research Assistant) and student coordinators Samiya Farooque, Shafat Insha and Mohd Farhan Haroon (Dept. of CSE).



STUDENTS WELFARE

From the Office of DSW

AURA at Isabella Thoburn College, Lucknow 2023



Integral University students had the opportunity to compete in a variety of competitions during AURA-2023, which was hosted by Isabella Thoburn College in Lucknow, from May 18-19, 2023. Clash of Ideas (English Debate), Author's Alliance (Self-Composed Poetry), Kavyanjali (Hindi Swarachit Kavita), Lok Rang (Fusion Group Dance), Stage Revolution (Rock Band Performance), Glam the Damn (Best out of Waste), and Nukkad Natak (Street Play) were among the events in which our students enthusiastically participated and demonstrated their full dedication. They made us proud by earning first place in Clash of Ideas, third place in Glam the Damn, second place in Stage Revolution, and second place in Nukkad Natak.

Global Peace Summit 2023

International and Indian students from Integral University attended the "Global Peace Summit 2023" on January 24, 2023, in Lucknow's Lal Bahadur Shastri Auditorium. In order to raise awareness of the Sustainable Development Goals 2030, particularly Goal No. 4 (Quality Education), and the UN UDHR, which focuses on Human Right No. 26 (The Right to Education), the Summit was organized by Youth for Human Rights India, a Non-Profit Charitable Organization, in collaboration with United Nations Global Compact-

Network India, their knowledge partner. Students from different nations who represented Integral University interacted with other students from more than 50 participating nations. The program was well-coordinated under the guidance of Prof. Monowar Alam Khalid, Dean of Students' Welfare, who was also invited as Guest Delegate and Keynote Speaker and presented a talk on the topic "Sustainable Development Goals 13, 14 & 15-Keys for Nature Harmony and Peace" at the Summit.

Participation in G20 Events

Based on the State Government's directive, and by the ongoing G-20 Events in Uttar Pradesh, Integral University organized several programs on February 7, 2023, led by the Dean, of Students' Welfare, Integral University, in which the large number of students, faculty, and staff members enthusiastically participated. Some of the key events were as follows:

- " The Department of Civil Engineering hosted an Essay Writing Competition for students.
- " The School of Pharmaceutical Sciences hosted a department-wide Essay Writing Competition and Debate Competition, with topics ranging from Indian Culture and New Life Style to Digital Economy and Linking with Economic Growth, Women-Led Development, Realizing Youth Potential, and Green Revolution. The essays received were innovative, informative, argumentative, and humorous.
- " A debate competition and an essay writing competition were organized by the Department of Electronics and Communication Engineering. Many students enthusiastically participated and shared their unconventional viewpoints. Students concentrated on advancement's social, scientific, and engineering components to raise effective awareness.
- " The Department of Languages organized essay writing and debating competitions. The students competed with enthusiasm and excitement.
- " The Department of Environmental Science hosted a debate competition.




INTEGRAL UNIVERSITY
 LUCKNOW - INDIA



FACULTY OF HUMANITIES & SOCIAL SCIENCES
 Integral University, Lucknow

चौरी चौरा दिवस

क्रांतिकारीयों की भूमिका

SPEAKER

Dr. Saad Ahemad
 Assistant Professor at Nelson Mandela Centre
 for Peace Building & Conflict Analysis,
 Jamia Millia Islamia, New Delhi-25


11:00 am Onwards
Saturday, Feb 11, 2023
 Online

CONVENORS

Prof. Zebe Aqil Head, Department of Humanities & Social Sciences Integral University, Lucknow	Prof. Shahid Ali Khan Dean, Faculty of Humanities & Social Sciences Integral University, Lucknow	Prof. M.A.Khalid Dean, Student's Welfare Integral University, Lucknow
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MODERATORS /CO-CONVENORS

Dr. Khwaja Danish Hameed Assistant Professor of Modern History Department of Humanities & Social Sciences Integral University, Lucknow	Dr. Soumya Pandey Assistant Professor of Psychology Department of Humanities & Social Sciences Integral University, Lucknow	Dr. Rubina Khatoon Assistant Professor of Psychology Department of Humanities & Social Sciences Integral University, Lucknow
Dr. Tabinda Anjum Assistant Professor of History Department of Humanities & Social Sciences Integral University, Lucknow	Dr. Sadira Shenaaz Assistant Professor of History Department of Humanities & Social Sciences Integral University, Lucknow	

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The competition attracted a large number of students.

Chauri-Chaura Diwas 2023

The Faculty of Humanities & Social Sciences organized a guest lecture on behalf of Integral University and the Office of Dean, Students' Welfare, as part of the "Azadi Ka Amrit Mahotsav" to commemorate the memories of the 'Chauri Chaura' incident, which occurred on February 4, 1922. It was a significant event in the Indian national movement since it led to Gandhiji's withdrawal from the non-cooperation movement. The incident shows us that violence always undermines the basic cause of a protest and serves no purpose. On February 11, 2023, distinguished speaker Dr Saad Ahemad from the Nelson Mandela Centre for Peace Building & Conflict Analysis, Jamia Millia Islamia, New Delhi delivered an online guest lecture to Integral University students and faculty/staff members.

Participation in Global Investors Summit (GIS) at Lucknow

As per the orders of the state's Chief Secretary and Principal Secretary (Higher Education), Integral University students and faculty members visited the Global Investors Summit (GIS) on February 13, 2023. Nearly 50 students



and faculty members from the Department of Commerce and Business Management, led by Amit Kumar Goel, Assistant Professor (Coordinator), attended the Summit at Vrindavan Yojana in Lucknow. During the visit, the team went to Saraswathi Hall and met with the Uttar Pradesh Government's Additional Secretary of Higher Education and other dignitaries. Participating in GIS were well-known businesses and up-and-coming start-ups to raise a significant amount of capital to expand their operations, which in turn would expand a nation's economy and create more job possibilities for the state's future youth. The current GIS-2023 has been represented by well-known businesses like RELIANCE, H.A.L., PAWAN HANS Ltd, and start-ups like Danta Ventures and Instashield India Pvt. Ltd.

Sadak Suraksha Jagrukta Maah

Under the supervision of the Dean of Students' Welfare, Integral University organized a number of programs to commemorate "Sadak Suraksha Jagrukta Maah" from 5 January to 4 February 2023, in which hundreds of students, teachers, and staff members eagerly participated. The following were some of the major events that were conducted:

- " On the occasion of Netaji Subhash Chandra Bose Jayanti, a human chain was formed for road safety, and an oath ceremony was held.
- " Integral University took over a road crossing (Dasauli Chauraha) opposite the university gate on Kursi Road in Lucknow to put up posters and banners to educate students, staff, and commuters passing through the road about road safety.
- " Poster and essay competitions on road safety were conducted by the NSS unit of Integral University, Lucknow
- " As per the guidelines of the state government, Integral University, Lucknow, conducted an online road safety awareness program by inviting officials from the transport department. Mr. Pankaj Sharma, Road Safety Manager, Road Safety Training Park, Lucknow, conducted the online training along with Dr. Udit Narayan Pandey, Assistant Regional Transport Officer, Lucknow, and Mr. Ehtesham from Maruti Suzuki.
- " The Department of Civil Engineering, Integral University, Lucknow, organized a "Road Safety Awareness Programme" at Dasauli Kursi Road, near the University Gate number 2.



The University, apart from the academic activities, has also been playing pivotal role in developing sportsman spirit among the students and promoting the games.

International Day of Yoga

Commemorating the 8th International Day of Yoga, as per directive of Ministry of AYUSH, Government of India, and "Amrit Yoga Programme" of Higher Education Office, Government of Uttar Pradesh, Integral University, Lucknow, celebrated Yoga Day, with the theme "Yoga For Humanity" at its campus. University regularly celebrates this important day with its students, faculty and staff, who enjoy participating in this event, in spite of early morning hours. The event was organized at its lush green and beautiful Central Lawn of the university campus from 6.00 AM onwards on 21st June 2023. The event started with the introduction and importance about the International Day of Yoga by Prof. Monowar Alam Khalid, Dean, Students' Welfare, who emphasized that Yoga should be a regular part of our lives for physical, mental and spiritual health. The Yoga exercises were conducted by professional Yoga Trainers Ms. Kamlesh Singh the event was coordinated by Integral Sports Academy. The event was graced by the presence of senior faculty members like Prof. Syed Aqeel Ahmad, Director, HRDC & Head, Department of Civil Engineering, Dr. Rashid, Principal, Integral International School, Dr. Mohd. Zafar, Director, Sports etc along with students from faculty of medicine and various departments from university. Initially, it started with few warm up sukshmayayama like Greevasanchalan, Skandasanchalan involving bending, stretching, shoulder movement, trunk movement and knee movement etc. and later other Asanas performed were Tadasana, Vrikshasana, Padmashtasana, Pachimotasana, Arkad dhanurasana, Bhujangasana, Dhanurasana, Sukhasana, Vrajasana, Dandaasana, Paschimottanasana, Ardha Matsyendrasana, Setu Bandha Sarvangasana, Bhujangasana, Shalabhasana, Shawasana etc. After the performance of Yoga, all the participants witnessed live streaming of Prime Ministers address from Mysuru on Yoga at Central Auditorium.

1st State Ranking Table Tennis Tournament hosted by Integral University in association with Uttar Pradesh Table Tennis Association in which participants across the nation participated. A three day event, 7th July to 09 July 2023, was a grand success.

Integral University 1st U.P. State Ranking Table Tennis Tournament powered by Stag conducted by Lucknow District Table Tennis Association under the direction of Uttar Pradesh Table Tennis Association, was held at Integral University, Kursi Road, Lucknow. Prof. S.W. Akhtar, Founder & Chancellor, Integral University, Dr. Syed Nadeem Akhtar, Pro - Chancellor, Dr. Javed Musarrat, Vice - Chancellor, and Shri Arun Kumar Banerjee, Secretary UPTTA, Treasurer, TTFI graced the event.

Friendly Football Match to Welcome (Mr. John Murphy)

Sport Fest "Fiesta Sports" - 2023.

Fiesta Sports boost student abilities in major sports and helps them understand the importance of sports in daily life. It also motivates the students to participate in different sports at district, state as well as at national level. Integral University Sports Academy always focuses on sports activities and also develops skills by coordinating in various sports events. The event was held between 24th Feb 2023 to 12th March 2023. The event witnessed 1900+ students from 18 different departments who participated as per following details:

- | | |
|------------------|--------------------------|
| ❖ Cricket | ❖ Football |
| ❖ Basketball | ❖ Volleyball |
| ❖ Lawn Tennis | ❖ Kabaddi |
| ❖ Badminton | ❖ Table Tennis |
| ❖ Carom | ❖ Chess |
| ❖ Tug of War | ❖ Track and Field Events |
| ❖ 100 Meter Race | ❖ Shot Put |
| ❖ Discus Throw | ❖ Javelin Throw |

AIU North-Zone Badminton(M) Championship

The Integral University Sports Team of Badminton(M) took part in the AIU North-Zone Volleyball Championship held in DCRM Sonapat from 20th February 2023 to 24th February 2023. In which the team received the participation award.

AIU North-Zone Cricket (M) Championship.

The Integral University Sports Team of Cricket (M) participated in the AIU North-Zone Cricket Championship held in Kurukshetra University from 23rd February 2023 to 4th March 2023. In which the team received the participation award.

Integral University Students participate in Inter - Collegiate Sports events

Participation in "Udghosh"-2022 held at IIT Kanpur and awarded with Bronze medal Javelin (M) pragnan pal

Participation in Second campus Lucknow University "ZEST5.0 2023" and awarded with the silver medal in Javelin throw (M) pragnan pal

Participation in Second campus Lucknow University "ZEST5.0 2023" achieving the Gold Medal in Badminton Doubles (M) Pragnan pal

"Udghosh"-2022 held at IIT Kanpur achieving Bronze Medal Volleyball (M) (Amir Raza)

"COSAC 22" Held at KMC University Lucknow achieving the Gold Medal in Table Tennis (M) (Kosik Mishra.) "COSAC 22" Held at KMC University, Lucknow achieving the Gold Medal in Shot-put (W) (Homa Shaheen) "COSAC 22" Held at

KMC University Lucknow achieve the Bronze Medal in Table tennis (W) (Ankita).
 "ULLAS" 2023 Held at Shri Ramswaroop Memorial University Lucknow,
 achieving the silver medal in Volleyball (M). Amir Raza
 Students won the gold medal FOR "ZEST" 2023 Football (M) (Jaish Malik) and

for Badminton doubles (Shail Farooq)
 Students achieve the Gold Medal in Badminton Doubles (M) in Zest
 Students achieve the Bronze Medal in Power Lifting In Zest Sports 2023





SYRIA & TURKEY DONATION DRIVE FOR EARTHQUAKE

On 6th February 2023, a magnitude 7.8 earthquake hit southern Turkey near the northern border of Syria. It was devastating to know that the earthquakes and underlying vulnerabilities resulted in the deaths of at least 56,000 people in Turkey and Syria. The calamity victimized millions of people who have been rendered homeless. Integral University extended a helping hand to both countries and the Directorate of International Affairs (DIA) in association with Integral University Social Services (IUSS) took the responsibility to help the earthquake victims for the sake of humanity and mankind. The power to better the lives of others is considered a privilege. It comes with a feeling of contentment and gratitude as well. In addition to reinforcing our ideals, acting on these intense sentiments of responsibility gives us a sense that our actions are consistent with what we believe. Community work facilitates and fosters partnerships within communities and enhances opportunities for students' capacity-building at the regional level to achieve Social Development Goals.

The donation drive was successfully held from 1st March 2023 till 3rd March 2023. Donation booths were set up at various locations inside the campus to

raise awareness among everyone and collection of funds. Hon'ble Founder and Chancellor Prof. S.W. Akhtar announced 100% scholarship schemes for the affected students from Syria and Turkey. The donation drive was an initiative of Mr. Syed Adnan Akhtar, Executive Director, DIA, who officially handed over the proceeds of the donation drive to H.E. Firat Sunel, Ambassador, Embassy of Turkey. The Ambassador was grateful to Integral University's contribution towards humankind, and generous support to the affected people of Turkey.

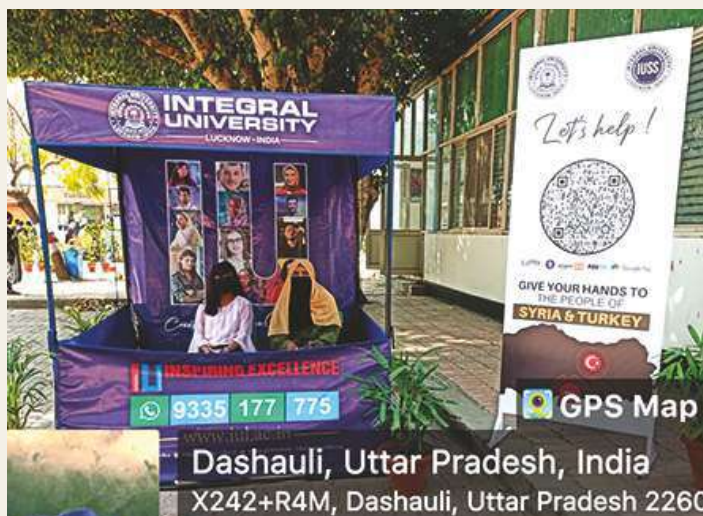
The donation drive was led by Prof. Monowar Alam Khalid, Dean, Students' Welfare, under the mentorship of Mr. Shariq Nafees, Senior Manager, DIA, and Ms. Nashra Javed, Assistant Manager, IUSS. Over 10 volunteers played an instrumental role in making the donation drive impactful and effective. The funds collected through donation drive sent to the Embassy of Turkey in New Delhi.



H.E. Firat Sunel, Ambassador, Embassy of Turkey receiving the cheque from Mr. Syed Adnan Akhtar, Executive Director, Directorate of International Affairs, Integral University



Students donating funds for the Syria & Turkey Donation Drive.



Student volunteers at the donation booth.

INTEGRAL UNIVERSITY HOSTS JOHN MURPHY,

CFO & President of Coca-Cola and Chief Financial Officer of The Coca-Cola Company.

Integral University in Lucknow hosted John Murphy, CFO & President of Coca-Cola, and Sanket Ray, President of Coca-Cola India & Southwest Asia.

John Murphy, President & Chief Financial Officer, The Coca-Cola Company interacted with the staff and students of Integral University, Lucknow. Integral University, Lucknow, on March 27, 2023, welcomed John Murphy, President & Chief Financial Officer, The Coca-Cola Company, and Sanket Ray, President for Coca-Cola India and Southwest Asia. John Murphy, President & Chief Financial Officer, The Coca-Cola Company interacted with the staff and students of Integral University on the topic "Indian youth and its role in shaping global economy". John Murphy, President & Chief Financial Officer, The Coca-Cola Company did a kick-off of a friendly soccer match between the National and International student teams of Integral University.

During his visit to the campus of Integral University in Lucknow, John Murphy interacted with the students and faculty of the university, answering their questions and advising the students to aspire for bigger goals and move fast with passion as every day is important.

John Murphy congratulated and appreciated the Founder and chancellor, Prof Syed Waseem Akhtar for his vision for the university and for creating the infrastructure which supports quality education for all. He appreciated and thanked the leadership team, faculty, and students of Integral University for the overwhelming welcome and energy on the campus.

The esteemed guests also visited the Chancellor's Gallery and had a glimpse of the journey of Integral University under the aegis of the Founder and chancellor, Prof Syed Waseem Akhtar, Integral University.



VISIT AND GUEST LECTURE

AT “KING MONGKUT’S INSTITUTE OF TECHNOLOGY LADKRABANG, (KMITL), BANGKOK, THAILAND

as a part of functionality of the MoU

It is a matter of great pleasure to share the report of the Visit at King Mongkut’s Institute of Technology Ladkrabang, Bangkok, Thailand. Integral University had signed a Memorandum of Understanding (MoU) with KMITL in April, 2023 for a period of three years. Two Faculty members from Integral University, Lucknow, namely Prof. Alvina Farooqui and Dr. Moiz Akhtar visited KMITL to further the discussions on future collaborative activities between the two organisations and also to sensitise the faculty and students about to the latest academic as well as research trends at Integral University.

The visit commenced with a welcome address by Dr. Pitcha Prasitmeeboon, Vice President for International Affairs, KMITL, Thailand and a presentation which aimed to acquaint us about various programs running in the Institute alongwith the possibilities of exchange of students in Undergraduate Programs and Postgraduates Programs. Her presentation enlightened us with the approximately 12 major programs of study covering a diverse range of disciplines as well as collaborations with strategic Partners were also discussed.

The major Highlights of the presentation are as follows:

1. International Programs
2. Dual Degree Programs
3. Double Degree Programs
4. Area of Study /Research (Industry, Sustainable Energy & Environment, Agriculture, Biomedical, Logistics & Supply Chain)

5. Exchange Programs (Semester Exchange, Cultural Exchange, summer Camp, Internship)

Prof. Alvina Farooqui delivered the lecture on the topic “Cyanobacterial Bioactive compounds- From pond scum to miracle molecules: Potential options for environmental sustainability”, for the students of Faculty of Sciences. Prof. Alvina presented an elaborate overview of the Programs and facilities at Integral University, Lucknow and showcased the glimpses of her research work based on diverse applications of cyanobacteria: a novel bioresource for sustainable ecosystem to sensitize the young researchers.

Prof. Alvina answered the queries raised by the faculty and students. The program proved to be very informative for all the participants and got a lot of appreciation from faculty members and scholars.

Dr. Wipawee Dejitsahdi, with specialisation in Algal bioproduct research and Dr. Cherdasak Maneeruttanarungroj with specialisation in Green Algal biotechnology, Lecturers in Department of Biology, KMITL will be collaborating with Prof. Alvina Farooqui and her team for research related to Microalgal Biotechnology for sustainable development.

The MoU activity was well coordinated by Mr. Shariq Nafees, Sr. Manager, Directorate of International Affairs and under the able guidance and mentorship of the Executive director, Mr. Adnan Akhtar.





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- **Prof. (Dr.) Mohammed Haris Siddiqui**
Director,
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