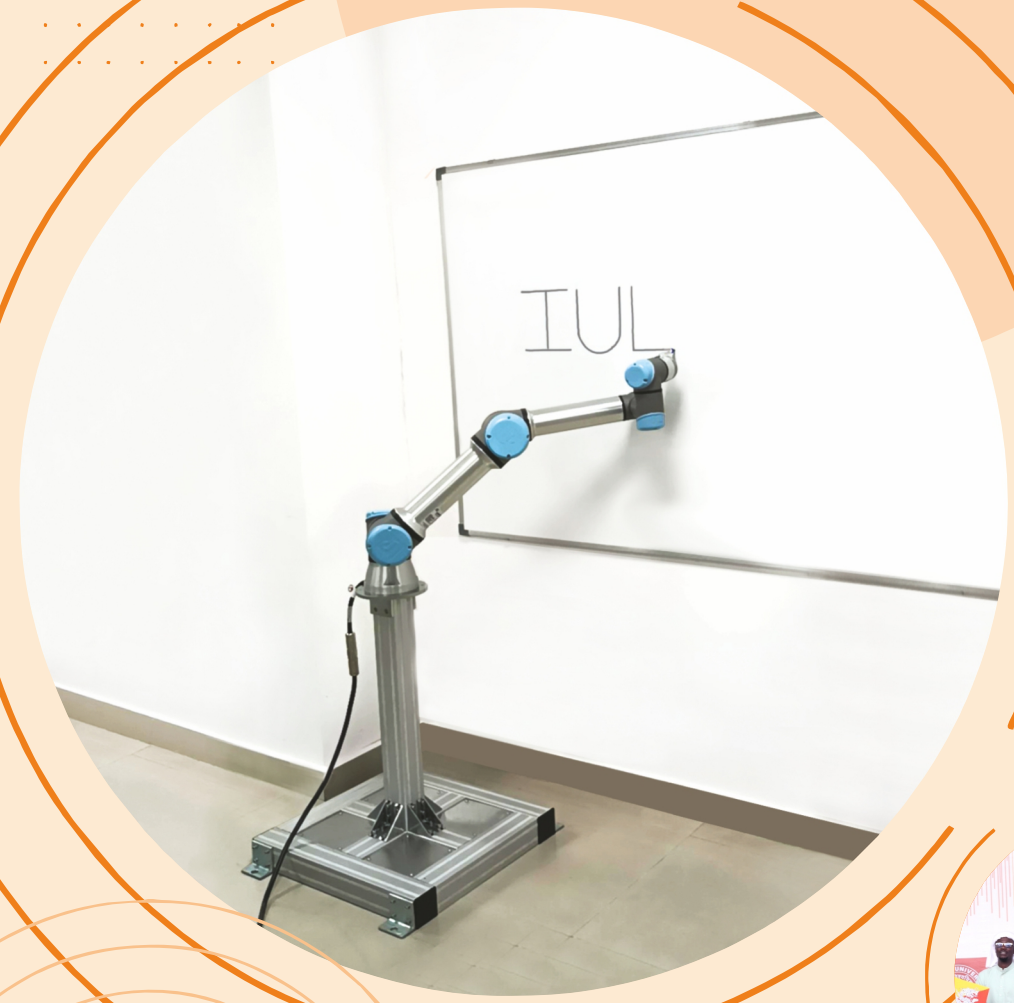
Newsletter

Vol. 5: No. 2, October 2022









INTEGRAL UNIVERSITY
LUCKNOW INDIA

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- Established under UP State Act No. 9 of 2004
- Approved by University Grants Commission Under Section 2 (f) & 12B
- Approved by MCI, PCI, INC, CoA, NCTE, UPSMF, IAP, BCI & DEB
- Member of Association of Indian Universities
- Accredited by NBA
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- Recongnised as a Scientific & Industrial Research Organisation by the Department of Scientific & Industrial Research, Ministry of Science & Technology, Govt. of India.

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FOUNDER AND CHANCELLOR,
INTEGRAL UNIVERSITY

PATRON

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PRO-CHANCELLOR,
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Editorial



[Dr. H.M. Arif Nadvi]
Chief Editor

Dear Readers,

We are happy to present the Integral Newsletter, October 2022 Issue with special acronyms:

DEAR (drop everything and read) + **USSR** (uninterrupted sustained silent reading).

The present offering essentially reflects upon noteworthy educational and other allied activities, events and achievements, glimpses of research & innovations, august visits, collaboration & MoUs, Alumni Contributions, Ethos of Multiculturalism, Patriotism & Unity in diversity , Ecofeminism & Gender Equality, Mystery of the Universe & Beauties of Nature, Modern teaching & learning progression and many more exciting news to disseminate the latest knowledge and innovative learning.

The University has been rising up and touching the zenith by virtue of perseverance, visionary dedication and courage of the giant figure, Professor S.W.Akhtar , that the world may witness once in a century. Words aren't enough to express how we all honored to serve the university under his exemplary guidance. It is he who transforms opportunities into realities with indomitable spirit. Integral University, a rare phenomenon, is a hermeneutic of his long journey. His life story echos H.W.Lngfellow's sacred song:

Trust no Future, howe'er pleasant!
Let the dead Past bury its dead!
Act,- act in the Living Present!
Heart within, and God o'erhead!

The university has opened up new horizons of opportunities and contour of the of educational excellence under the determined leadership of Dr.Syed Nadeem Akhtar, the Pro -Chancellor of the university. All the Departments in the university sustainably strive to put innovative ideas into actions under the charismatic leadership of Prof. Javed Musaarat, Honble Vice – Chancellor, Integral University. Appreciating the over all support by the Custodian of the Univesity, Prof.M.Haris Siddiqui, the Editorial Team extends deepest thanks to him. It is, Indeed, highly desirable to receive the expert opinions from the readership for the next issue. Sincere thanks to all for their valuable contributions.

Happy Reading! Keep Reading! Books are the best companions!

اداریہ

تاثراتی کلمات پیش کرتے ہوئے "چہ می گویم" جیسی کشمکش کا شکار ہوں۔

زیرِنظر "شمارہ" امکان خطاء کے اعتراف کے ساتھ بطور امانت پیش خدمت ہے۔

الفاظ کے پیرائے اور تصویروں کے سہارے صدائے انٹیگرل اور نوائے بانی ادارہ، پہچانے کی ادنی سی کوشش ہے۔ یہ ایک المیہ بھی ہے اور تلخ حقیقت بھی کہ زندگی سے زیادہ عزیز "مشاغلِ زندگی" اور قصّہ پارینہ بن چکیں "روایات کتب بینی" کے ماحول میں قارئین سے مرکوز ریڈنگ کی توقع کرنا، دشت پراسرار میں قندیل تلاش کرنا ہے۔ پھر بھی۔

اسی دریا سے اٹھتی ہے وہ موج تند و جولاں بھی نہنگوں کے نشیمن جس سے ہوتے ہیں تہہ و بالا

"یہ اخبار نامہ" فی الواقع گہوارۂ علم و دانش کی گوناگوں سرگرمیوں کا ترجمان اور مشمولات شب و روز کا عکاس ہے۔ یقیناً اِس گلشن کی سیر و جولانی بے کیف محسوس ہوگی اگر اُس مرد با توفیق، اسم بامسمّی، بانی چمن پروفیسر سیّد وسیم اختر صاحب کا تذکرہ نہ کیا جائے جس نے اپنی دانش مندی، ہوش مندی، عرق ریزی اور تجدیدی کوششوں کے ذریعہ اس ادارے کو زرخیز بنا کر سریّا تک پہنچا دیا۔ ہم سب دعا گو ہیں کہ اے اللہ انہیں سلامت رکھنا، ابھی تو اِس مسافر نے سفر شروع ہی کیا ہے اور اسے بہت دور تک جانا ہے۔

ہمیں فخر ہے کہ انھوں نے اپنی خصوصی نگہداشت اور مثالی تربیت کے ذریعہ ایسے جانشین انٹیگرل کو دئے ہیں جنکی سوچ و فکر اور سادہ فطرت پر آپ کا عکس ہے، یہ ہونہار خلف ہیں: ڈاکٹر سیّد ندیم اختر، سیّد فوزان اختر اور سیّد عدنان اختر جنکے کاندھوں پر انکے مشن کو پائے تکمیل تک پہنچانے کے لئے بہت بڑی ذمّہ داری ہے۔ انٹیگرل یونیورسٹی کی ہمہ جہتی ترقی میں وائس چانسلر، پروفیسر جاوید مسرّت کی دن رات کوششوں کا دخل ہے، جو ہر محاذ پر اس یونیورسٹی کو ایک معیاری یونیورسٹی بنانے کے عہد پر قائم و دائم ہیں۔ جملہ انٹیگرل فیملی کے لئے نیک خواہشات اور اُن تمام حضرات کا شکریہ جنہوں نے اپنے قیمتی کنٹری بیوشن سے اسے منظر عام پر لانے کے قابل بنایا۔

Socio-Cultural and Academic Engagement of Hon'ble Founder & Chancellor,

Prof. S.W. Akhtar



Prof. S.W. Akhtar presided over the official welcome ceremoney held for the visit of His Excellency Mr. George M Kondiwa, High Commissioner of Malawi to India, at Integral University, Lucknow on 17/ 08/ 2021.

Presided over the official welcome ceremoney held for the visit of Her Excellency Ms. Stella Budiringaya, Ambassador of Burundi to the republic of India, on Wednesday, 18th August 2021.

Presided over the function "Sham-e - Nikhat Fiction Award" at Kaifi Azmi Academy, organised by Fatima Charitable Trust and Welfare Society, on 13/Nov/2021.

Presided over Prize Distribution Ceremony, M.S. I, Inter College, Buxipur, Gorakhpur, organised by Jalsa-e-Seerat-un- Nabi (SAW), Committee.

Hon'ble Chancellor attended the National Executive Meet of the Association of Muslim Professionals as a 'Chief Guest', on 5th March 2022, at Integral University, Lucknow.

Hon'ble Chancellor attended and presided over International Women's Day, on 8th March 2022, at Integral University, Lucknow.

Hon'ble Chancellor attended and presided over the 'National Farmers Day' Celebration on 12 March 2022, at the Central Auditorium, Integral University, Lucknow.

Presided over the official welcome ceremoney held for the visit of Her Excellency Ms. Hayet Talbi EP Bilal, Ambassador of Tunisia to India, visited Integral University, on Friday, May 13, 2022.

Hon'ble Chancellor, Integral University, presided over the Orientation Program, held on 12 September 2022, at Integral University.

He graced the Magzine Launch Event, organised by the Dept. of Languages, on 18th May 2022.

He inaugurated the mega event "Fiesta" of the University, on 24th to 26th March 2022.

He pays visit to the University consistentaly for close monitoring.

He has been actively participating in social, cultural and academic programs, conducted by National & International organaizations to promote the modern and research oriented education and to spread the message communal harmony .

He was invited to preside over "National Unani Doctors Welfare Association (NUDWA) Lucknow Unit" on 26 Oct. 2022 at Atal Bihari Vajpai Scientific Convention Center, KGMU, Lucknow.

Message from
Founder & Chancellor

"Life isn't about finding yourself.
Life is about creating yourself"

-George Bernard Shaw

I wish to congratulate all the stakeholders for the latest edition of Newsletter 2022. The Newsletter is a testimony to all the quality teaching, research and other academic activities in the University. As a research and innovation driven institution, Integral University believes in blending modernity with tradition for nurturing talent. Thus, University compliments the classroom leaning with various extracurricular activities. We, constantly aim to provide the students a holistic development to gain an edge in today's rapidly globalizing world.

I look forward to reading about the activities and achievements of the various Departments that bring out the aforementioned vision of the university. I am sure the Newsletter will become a must-read chronicle of the dedicated new approaches in teaching - learning, facilitating the University's academic interface.

I congratulate the Editorial Team on the admirable work done in bringing out this Newsletter.

I wish a bright future for the University. Thank you all!

(Prof. S.W. Akhtar)

Message from Pro-Chancellor



We are all proud members of an institute built on a solid academic foundation, adopts a modern approach, and believes in flexibility and adaptability, ensuring that our students are future-ready.

As member of the Integral family, each of us aspires to excel. We are committed to promoting Inclusivity and diversity because we believe that the hallmark of any University or higher education seat is its students' diversity. This brings various cultures together and promotes cross-learning amongst students of multiple regions, languages, beliefs, and backgrounds. The university is home to students from more than thirty-three countries.

We are all set to take the flight with a powerful vision coupled with an equally strong belief system, impressive infrastructure, great leadership, highly committed faculty, and bright students – Integralites! The sky's the limit.

To you, dear student, who will soon be stepping out as the ambassador of this university, you are well equipped with competence, discipline, and character to chart your path – fly high and make us proud!

IT IS OUR TIME NOW!

[Dr. Syed Nadeem Akhtar]

Message from Vice-Chancellor

INTEGRAL UNIVERSITY
इंटीग्रल विश्वविद्यालय

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Date – 03.11.2022

MESSAGE

Greetings to all from Integral University, Lucknow, an institution of higher education, imparting quality education and training in the field of Engineering and Technology, Undergraduate and Post-graduate studies and research in Biosciences, Pharmacy, Management, Social sciences & Humanities, Law, Agriculture, Engineering & Technology, nursing, medical and paramedical sciences. In the competitive era of the 21st century, Integral strives to bring a global perspective to all its programs and activities. To attain this, we continuously update our courses and syllabi, keeping in view the changing needs of different professions, industries, and social landscapes. Indeed, the 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.

The student is the most important soul on our campus. We create opportunities and inspire our students to achieve their goals. Integral University offers more than just a great learning experience. We aim to provide the knowledge, create new knowledge, and offer a multicultural perspective that stimulates students to think, explore, inquest, analyze, innovate, and thrive as dynamic members of a global society in their chosen career path. 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. Our well-qualified faculty and trained staff are dedicated to engendering the all-around development of our students, and to kindling their inherent literary and creative talents, as well as, sportsmanship. In the year 2022, Integral University has secured a place in the rank-band of 151 to 200 by The National Institutional Ranking Framework (NIRF), Ministry of Education, Government of India. It has also **earned 3rd rank amongst the State Private Universities in Uttar Pradesh and is positioned among the top 100 universities in the country** in the Indian Institutional Ranking Framework (IIRF), New Delhi. We at Integral University nurture and ignite the fertile minds for their professional and personal success, and are committed to creating responsible citizens as the epitome of utmost ethics, and social and moral values.

I welcome all the new faculty, staff, and students, who have preferred to become an integral part of this premier University. I am sure that they will feel privileged and satiated on being associated with us and make us proud of their academic excellence, as a member of the Integral fraternity.

I also congratulate the editorial team of Annual Magazine for their admirable endeavor in the successful accomplishment of this magazine.

(Prof. Javed Musarrat)
Vice-Chancellor

Message from Registrar

INTEGRAL UNIVERSITY
इंटीग्रल विश्वविद्यालय

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MESSAGE

For more than one and half a decades, the university has been instrumental in opening new doors of academic and welfare activities for its students. It has been our first and foremost endeavour to open a reservoir of knowledge and to keep it filling with state-of-the-art dimensions befitting to all students and research scholars of the university, so that they may be able to foster and cultivate their path to success in all spheres of life.

I acknowledge that during the academic year 2021-2022, the university has introduced many new courses taking into consideration the demand of the time, so that the students may get benefitted and to facilitate the students, the required infrastructure has also been provided by the university. The Ph.D. and P.G. courses in specific new areas have been introduced and simultaneously, the university has been organizing Workshops, Seminars and Symposiums from time to time to dole out and boost the energy of wisdom in students.

I feel immense pleasure that the Department of Languages is going to publish a ***News Letter 2022*** of the university covering all aspects and activities. I heartily congratulate the Chief Editor and the Head of the Department of Languages and his subordinates who have given full assistance and cooperation in finalizing this very important task.

(Prof. Mohammed Haris 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



Since its inception, Integral University has continued to play a prominent role in the development and expansion of prospects for quality education and research. In pursuit of the mission to provide Excellence in all walks of education , the University has been leaving no stone unturned to reach the zenith and, in providing manpower to contribute towards the emerging demands in countless industries through exemplary leadership, strategy and execution.

The preceding years have been hard-hitting. The world of education has had to switch to online scholarship, Virtual meetings, etc. In the time of crisis and crunch, the university strategically positioned to face the challenges ahead.

I take this opportunity to congratulate the Higher Authorities and entire Integral Family of the University for making and maintaining an auspicious learning milieu as the world adjusted to the new Horizons.

I am delighted and honored to write a few lines for the University Newsletter 2022.

I congratulate all stake holders for realizing dreams and ambitions! As you have many skies over you, I appeal to step into the global arena to achieve that greatness with the aim of producing long-term and constructive change to our world.

I wish also to congratulate the parents and guardians for the support they have extended to their wards and to the University.

Congratulations to the editorial team and I wish them luck and best wishes!

MR. SYED M. FAUZAN AKHTAR

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



Prof. Javed Musarrat, Hon'ble Vice-Chancellor ranked by AD World Scientist and University Rankings 2022.

Professor Musarrat is an eminent scientist and has been ranked sixth among the top Microbiologists in the country, according to the latest rankings released by AD Scientific Index (Alper-Doger Scientific Index). This index is a global ranking and analysis system that provides metrics based on the scientific performance and the added value of the scientific productivity of individual scientists. The AD scientific index uses the full and last five years' values of the i10 index, h-index, and citation scores in Google Scholar to establish a consolidated ranking within various subjects.

Professor Musarrat , an alumnus of Aligarh Muslim University (AMU) , has also been ranked "Number 1" in Medical Sciences and Microbiology at AMU, out of 197 Scientists, working in this area of research. Professor Musarrat has over 11,300 citations, an h-index of 59, and a total i10 of 157. This metric puts him amongst the elite group of scientists and academicians who have contributed immensely through their quality research. He has published 200+research articles in peer-reviewed Scopus and Web of Science indexed Journals.

Source & Methodology
https://www.adscientificindex.com/scientist.php?id=342321

Awards

Recipient of Award of Appreciation by the Nigerian Students Community in Recognition of Outstanding Contributions to the Academic Achievements and the Personal Growth of the Nigerian Students of the University.

Recipient of Appreciation Memento "PACT 2030", from QS-Iguage for making PACT 2030, a resounding success during Goa Summit in March, 2022, in absentia, where Integral University has been recognized as a signatory to Pledge-Act-Change-Transform (PACT-2030) for UN-2030

agenda for Sustainable Development.

He chaired the Inaugural Session of the National Webinar on "Academic Leadership and Institution Building: Some Reflections", organized by Faculty of Commerce & Business Management, Integral University on 12th July, 2021.

He attended as Patron and Keynote Speaker, in the Inaugural Session of the National Seminar on "Structural Reforms in Higher Education Proposed in the NEP 2020", organized by Human Resource Development Cell, Integral University on 24th August, 2021.

He chaired and delivered a Keynote address in the Inaugural Session of the Two-Week PDP on "New Trends and Advancements in Bioengineering", organized by the Department of Bioengineering, Integral University, during 15th to 29th Nov, 2021.

He participated as a Guest of Honour in the National Campaign on "Antimicrobial Resistance in Fish" at ICAR-National Bureau of Fish Genetic Resources on 22nd Nov, 2021.

He participated in Awareness Walk flagged by the Hon'ble Chancellor and, the event was graced by the Hon'ble Pro-Chancellor and other high dignitaries and authorities of the University.

He was the Guest of Honour in the Inaugural Session of the National Symposium on "Immunization & Sustainable Health Innovations", for achieving "Sustainable Development Goal for Good Health and Well Being of the United Nations" , organized by Integral Institute of Medical Sciences & Research, Integral University on 28th April , 2022.

Participated as a Chief Guest in the National Symposium on "Psychological and Mental Health" during Covid Times ZHF Award Ceremony on 13th February, 2022, organized by Dr. Zakir Husain Foundation, Aligarh.

He delivered a talk on "Realization of Sustainable Development Goals: An Overview", on 20.04.2022, in the Central Auditorium of Integral University, to bring awareness about SDGs.

He participated as a Chief Guest in the Installation Ceremony of "Alumni Welfare Association Qatar Chapter" of Integral University on 30th June, 2022, at Hotel Sheraton Doha.

He attended Consultative Meeting (online) on 'National Higher Education Qualifications Framework (NHEQF)', organized by UGC, on 26.07.2022.

Participated as a Chief Guest in the National Seminar, on 'Intellectual Property Rights', organized by the Central Council for Research in Unani Medicine, Ministry of Ayush, Government of India, on 30.08.2022.

He presented Success Story of Integral University in 3rd Tech VC Conclave on 'NEP-2020: A New Normal for Technical Education' at hotel the LaLiT Ashoka, Bangalore, on 15th September 2022.

He chaired a curtain raiser meeting with His Excellency Mr. George Mkondiwa, the High Commissioner of Malawi to India, during his visit to Integral University, on 17th August 2021. His Excellency also delivered a talk on Africa-India Relations - The Case of Malawi.

Chaired a curtain raiser meeting with Her Excellency Ms. Stella Budiringaya, the Ambassador of Burundi to the Republic of India , during her visit to Integral University , on 18th August 2021.

Chaired a curtain raiser meeting with His Excellency Mr. Ahmad Sule, the High Commissioner of Nigeria to India, visited Integral University, on 27th & 28th August 2021.

Chaired a curtain raiser meeting with His Excellency Mr. Mustapha Jawara, the Ambassador of the Gambia to the Republic of India, during his visit to Integral University, on 11th October 2021.

Chaired a curtain raiser meeting with Her Excellency, Ms. Hayet Talbi, the Ambassador of Tunisia to India, during her visit to Integral University , on 13th May 2022.

Chaired a curtain raiser meeting with Ambassador Kabiru Sadauki Minister/Head of Industry Trade and Investment, the High Commission of Nigeria during his visit to Integral University on 23rd June 2022.

Chaired the high-powered delegation for meeting with the Hungarian Delegation at the Embassy of Hungary in New Delhi, on 20th May 2022, for Collaboration with the University of Public Services, Budapest, Hungary.

Meeting with Mr. Raj Nath Singh, Hon'ble Union Defence Minister, Government of India at, his residence on 13th Nov. 2021.

Round-table Meeting with Justice Narendra Kumar Jain, Hon'ble Chairman, National Commission for Minority Educational Institutions (NCMEI), Government of India , during his visit to Integral University, on 22nd December, 2021.



Hon'ble Chancellor & Vice Chancellor meeting with
Mr. Raj Nath Singh, Hon'ble Union Defence Minister, Government of India at his residence on 13th Nov. 2021



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Round-table meeting with Justice Narendra Kumar Jain, Hon'ble Chairman, National Commission for Minority Educational Institutions (NCMEI), Government of India , during his visit to Integral University, on 22nd December, 2021.



Integral University Welcomes

Mr. Syed Adnan Akhtar joined Integral University in March 2022 as the Director of International Campus, and Centre for Incubation and Entrepreneurship Development. He is an alumnus of the Delft University of Technology, Netherlands, where he pursued his Masters in Systems and Control. Thereafter, Mr. Akhtar worked as a Researcher at the Technical University of Munich (TUM), Germany. At TUM, he worked on the development of exoskeleton for stroke patient rehabilitation, funded by the Horizon 2020 framework programme of the European Union. He has also been involved at the National Centre of Excellence for Technologies in Internal Security at IIT Bombay.

Mr. Akhtar takes keen interest in robotics. He is also the driving force behind the development of the Integral Robotics Lab (www.robotics.iul.ac.in), that facilitates robotics research for doctoral, graduate and undergraduate students, and houses state of the art equipment. The Centre for Incubation and Entrepreneurship



Development, a recognised incubator by the UP Government, now houses over 10 start-ups, clocking over crores in turnover. Mr. Akhtar is an avid cyclist and loves to travel.

Editor's Reflection



Dear Readers,
Greetings !!
"Success comes to those who work hard and stay with those, who don't rest on the laurels of the past"
We respire in a world, which is part of incessant change and challenges with the opulence of solicitude, kindness, generosity, and potential in the soul of students. The determination of every educator should be to unlock that treasure, and Integral University is an excellent example where everyone endeavours indefatigably for this to nurture blooming minds with the belief that "the heart of education is the education of the heart" Aristotle once said that "Educating the mind without educating the heart is no education at all".
We are delighted to present the current issue of the Newsletter-2022, Integral University, to bring up an accumulating flashback of the events and achievements, academic activities, faculty news, international relations, etc. This Newsletter is a humble and modest effort to attract the attention of the outside world to the sincere and honest efforts of our colleagues, engaged in promoting research and learning. It reflects our growth and unfolds our imaginations and inspirations to provide a spectrum of our critical and creative skills, starting from writing to editing and moving through designing the Newsletter with dedication and determination to inspire excellence.
Happy reading!

Dr. Aareena Nazneen
Assistant Professor, Department of Languages

प्रिय पाठकों,
इंटीग्रल विश्वविद्यालय विगत 24 वर्षों से शोध एवं शैक्षणिक गतिविधियों के माध्यम से राष्ट्र निर्माण के पथ पर माननीय संस्थापक एवं कुलाधिपति प्रोफेसर सैयद वसीम अख्तर के नेतृत्व में अग्रसर है। ऊर्जावान माननीय प्रति कुलाधिपति प्रोफेसर सैयद नदीम अख्तर के मार्गदर्शन में इंटीग्रल विश्वविद्यालय दिन–प्रतिदिन नवाचारों का प्रयोग कर शैक्षणिक क्षेत्र में नवीन आयाम स्थापित कर रहा है। अल्पकाल में ही विश्वविद्यालय के यशस्वी माननीय कुलपति प्रोफेसर जावेद मुसर्रत के अनुभव का सदुपयोग कर विश्वविद्यालय नए कीर्तिमान स्थापित करने की ओर अग्रसर है। प्रशासनिक क्षमताओं में कुशल एवं निपुण प्रोफेसर हारिस सिद्दीकी, कुलसचिव द्वारा उच्च प्राधिकारियों के प्रशासनिक एवं प्रबंधकीय निर्णयों को क्रियान्वित कर विश्वविद्यालय में सौहार्दपूर्ण वातावरण सृजत किया गया है। इसके अतिरिक्त शैक्षणिक, शोध एवं विकास हेतु विश्वविद्यालय से आबद्ध एवं संबद्ध प्रत्येक व्यक्ति अपने अनुशासित कृतियों का योगदान प्रदान कर रहा है।
तत्तक्रम में इस वार्षिक पत्रिका **"न्यूज़ लेटर"** में विश्वविद्यालय की प्रमुख गतिविधियों को समाहित करने का प्रयास किया गया है तथा विभागाध्यक्ष, भाषा विभाग एवं मुख्य संपादक डॉ0 हाफिज मोहम्मद आरिफ नदवी के अथक प्रयासों से यह कार्य ससमय संपादित हो सका। आशा है कि उक्त "न्यूज़ लेटर" अपने उद्देश्यों को प्राप्त करने में सफल होगा।

शुभेच्छा
डॉ0 आरीना नाज़नीन
असिस्टेंट प्रोफेसर, भाषा विभाग

Integral University's 29th Foundation Day Celebration



Floral Welcome to Prof. S.W. Akhtar, the Founder & Chancellor, Integral University, Lucknow



The Founder of the University



Dr. S.R. Azmi Nadvi, Principal of Darul Uloom Nadwatul Ulama, Lucknow.



Dr. Syed Nadeem Akhtar, Pro-Chancellor, Integral University, Lucknow



Prof. Javed Musarrat, Vice-Chancellor, Integral University



Dr. Syed Nadeem Akhtar, Pro-Chancellor, Integral University, Lucknow



Prof. Javed Musarrat, Vice-Chancellor, Integral University



Dr. H.M. Arif Nadvi, Head, Dept. of Languages, Integral University

The Founder's Gallery





Service to Humanity

COVID-19 Medical Oxygen Plant





Hon'ble Prof. Syed Waseem Akhtar inagurating 800 LPM Oxygen Generation Plant along with the guests of honour, Dr. N.C. Prajapati, Director General, Directorate of Medical Education & Traning Govt. of U.P. and Dr. Alok Kumar, Secretary/Registrar, Uttar Pradesh State Medical Faculty Govt. of U.P.

> "Agriculture is the noblest of all alchemy: for it turns earth, and even manure, into gold, conferring upon its cultivator the additional reward of health."
>
> -Paul Chatfield

The Department of Agriculture

Integral Institute Agricultural Science and Technology (IIAST)

Major Activities



Left- Prof. Mohd. Haris Siddiqui, Prof. Nazir Ahmed Ganai, Prof. Panjab Singh, Prof. Syed Waseem Akhtar, Prof. Javed Musarrat, Dr. Sanjay Singh and Shri Vivek Kumar Singh,

National Farmers Day

The Department of Agriculture, Integral Institute of Agricultural Science and Technology (IIAST), celebrated National Farmers Day, on 12th March 2022.

National Farmers Day is celebrated every year on 23rd December to commemorate the birth anniversary of former Prime Minister, Shri Chaudhary Charan Singh. However, this year, it was delayed because of the Covid Pandemic. Prof. Syed Waseem Akhtar, Hon'ble Chancellor & Founder, Integral University, Lucknow, Prof. Panjab Singh, Hon'ble Chancellor, Rani Lakshmi Bai Central Agricultural University, Jhansi, Prof. Javed Musarrat, Hon'ble Vice Chancellor, Integral University, Lucknow, Dr. R.K. Mittal, Hon'ble Vice-Chancellor, Sardar Vallabhbhai Patel University of Agriculture and Technology, Meerut, Dr. Narendra Singh Rathore Hon'ble Vice-Chancellor, Maharana Pratap University of Agriculture & Technology, Udaipur, Prof. Nazir Ahmed Ganai, Hon'ble Vice-Chancellor, Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir, Srinagar, Jammu and Kashmir, Dr. Sanjay Singh, Director General, Uttar Pradesh Council of Agricultural Research, (UPCAR), Lucknow, Shri Vivek Kumar Singh, Director, Directorate of Agriculture, Govt. of U.P., Prof. Mohd. Haris Siddiqui, Director, IIAST, and Registrar, Integral University, graced this occasion. The MoU was signed between Uttar Pradesh Council of Agricultural Research (UPCAR) and Integral University to explore, extend and strengthen the functional relationship between the two institutions. During the program, the progressive farmers, Shri Ali Imran Jafari, Shri Devendra Kumar, Shri Mukesh Kumar, Shri Ashok Kumar, Shri Udhav Singh, Shri Ajay Kumar, and Shri Ghulam Mohommad were honoured for their contribution towards the betterment of agriculture. They were awarded for their distinguished innovation and contribution to enhance the agricultural economy through organic, farming, Integrated Farming System, Chickpea Production, Mushroom Cultivation, Seed Production of Paddy and Wheat, Jaivik Kheti, Banana Cultivation, Poultry Farming, and Beekeeping, respectively. The Institute also honoured the Krishi Vigyan Kendras for their role in the dissemination of knowledge and support to the farmers.

IIAST also organized a Farmers Day exhibition where KVK Sitapur-II, KVK Kaushambi, KVK IISR, and the ICAR and CSIR institutes, viz, Indian Institute of Sugarcane Research, Central Institute of Subtropical Horticulture, Central Integrated Pest Management Center, Biotech Park, Central Institute of Medicinal and Aromatic Plants, National Botanical Research Institute, Central Drug Research Institute, Directorate of Agriculture, CSSRI Regional Research Station, Lucknow, and IIAST, displayed their products and technologies.

Seeds Day

The Department celebrated International Seeds Day on 26th April 2022, to make the students aware of the importance of seeds. The guest speaker, Dr. Sujit Kumar addressed on the topic: **The Indian Seed Sector to Farmer's Rights, Seed Treaty, and UPOV.** Dr. Sujit Kumar is the Scientific Officer (Plant



Prof. Panjab Singh, Hon'ble Chancellor, Rani Lakshmi Bai Central Agricultural University, Jhansi,

Breeding) at Uttar Pradesh Council of Agricultural Research, Lucknow, and another speaker Professor C.P. Sachan discussed the Seed Scenario in emerging technology in the light of the Post-WTO regime.

World Bee Day

The Department celebrated World Bee Day on 20th May 2022 to make the students aware of the importance of honeybees. An educational and interactive lecture on "Bees- The Nature Nurturing Creatures"was held. The students acknowledged the role of bees and other pollinators in the ecosystem. They became aware of the importance of pollinators in our environment, the threats faced and the important role of pollinators in the sustainability of the ecosystem as well. The Guest speaker was Dr. HS Singh, Principal Scientist, and Head, Division of Entomology, ICAR-Central Institute of Subtropical Horticulture, Lucknow.

Pathway to Success

A career guidance interaction session "PATHWAY TO SUCCESS" was organized by the Competitive Exam Committee, IIAST, Integral University, Lucknow, on 11th May 2022, for the students of B.Sc./B. Tech. (3rd Year). The objective of this session was to motivate students for future careers in Higher Studies, to intensively guide students for Agricultural Competitive Examinations like UPCATET, IBPS, IFFCO, UPSC, etc., and to build a sense of awareness and to provide guidance, necessary literature, books, brochure, and other information about various Agriculture competitive examinations were distributed.

Dr. Bipin Kumar, a scientist at Water Technology Center (WTC), ICAR-IARI, and actively involved in career counseling and guidance, discussed their career options after graduating in Agriculture.

The Instructional Farm (Unit-6), NADEP, Azolla, and Vermicompost units of the Integral Institute Agricultural Science and Technology were inaugurated by Padma Bhushan, Dr. Rajendra Singh Paroda, Former Director, General IARI, New Delhi, and Chairman of TAAS, New Delhi, and H.E. Mr. Ahmed Sule, High Commissioner of the Federal Republic of Nigeria to India, in the gracious presence of Prof. S.W. Akhtar, the chancellor of Integral University, on the momentous occasion of the XIII Convocation.

Rural Agricultural Work Experience (RAWE)

A-One-Week RAWE Orientation Programme was organized from 27th September 2021 to 4th October 2021, as per the directives of the Fifth Dean Committee of the Agricultural Education Division of the Indian Council of Agricultural Research. The students of B.Sc. (Hons.) Agriculture 4th-year organized Kisan Goshthi event in different nearby villages, linked with different KVK's viz, Unnao, Maljha, Pikhana, Rashidpur, Dhora, and Buxikhera as a part of their Rural Agricultural Work Experience Program organized.

Professional Development Program (PDP)

The Department organized a Two-Week virtual Professional Development Program on "Recent Trends in Agriculture for Sustainable Food and Nutritional Security" from 23rd November to 7th December 2021. Eminent Speakers from prestigious institutes shared their perspectives on recent technological trends with faculty/research scholars throughout India on this platform. Bishop Prof. (Dr.) Rajendra B. Lal, Vice-Chancellor, SHUATS, Prayagraj graced the occasion as Chief Guest. Other distinguished guests were Dr. A.K. Singh, DDG, Agricultural Extension, ICAR, Mr. Alok Ranjan (IAS), former Chief Secretary and Agriculture Production Commissioner, Dr. M. J. Khan, Chairman, Indian Chamber of Food and Agriculture, Dr. Shailendra Rajan, Director, ICAR-CISH, Lucknow, enriched the participants with their experience and Intellect. The Introductory Address was delivered by Pro-Vice-Chancellor, Prof Aqil Ahmad, Co-Patron, PDP. The Inaugural Address was given by the Hon'ble Vice- Chancellor Prof. Javed Musarrat, Patron, PDP, and the Presidential Address by Hon'ble Chancellor & Founder Prof. Syed Waseem Akhtar, Chief Patron, PDP. The Valedictory Session was organized on 7th December 2021. The Chief Guest of the valedictory Session was Dr. Ashwin Dutt Pathak, Director, ICAR-IISR, Lucknow. The distinguished Guest was Dr. Virendra Shishodia, Additional Director Agriculture, Govt. of U.P., and Dr. A.K. Nigam, Former Director, Institute of Applied Statistics and Development Studies, was the guest of honour. The PDP summary and outcomes were presented by Prof. Mohammed Haris Siddiqui, Dean, Faculty of Agricultural Science & Technology, Integral University, Lucknow. The Presidential Address was delivered by the Hon'ble Vice Chancellor Prof. Javed Musarrat, Patron, PDP.



Mrs. Azra Waseem, Director of the Integral International School, Lucknow (second from the Left with the Dignitaries



Extension Activities

The Department arranged a campaign to create awareness regarding Soil Conservation on 29.10.2021 in Bhakamau and Achramau villages of Lucknow District, Uttar Pradesh. The objectives of the program were:

To encourage farmers for adopting soil testing techniques, to adopt Soil Management strategies, to create awareness about the importance of the soil health card, the benefits of a healthy ecosystem, and to give an insight into the soil health card portal. Many of the farmers were motivated and ready to take initiatives toward the adoption of new technologies for soil conservation. The village pradhan also acknowledged this effort of IIAST and encouraged the farmers to provide soil samples from their fields to get the soil health card to assess the current status of soil health.

The Department organized a Training Program on Mushroom Cultivation for female farmers on the occasion of International Women's Day i.e. on 08/03/2022. Around 75 female farmers attended the training program.

The Department under the aegis of the National IP Awareness Mission, the Government of India, organized an Awareness Program on Intellectual Property Rights and Related Issues on 22nd March 2022. The speaker was Mr. Anant P. Srivastava, Assistant Controller of Patents and Designs,

Guest Lectures

The Department organized an online Guest Lecture on 15th July 2021, by Dr. Arun A. David on: **The Role of Organic manure in Agriculture.**

An online Guest Lecture on 16th July 2021, by Dr. Ved Prakash Chaudhary on **"Conservation of Agriculture and Crop Residue Utilization".**

An online Guest Lecture on 17th July 2021, by Dr. Rajiv Kumar Singh "IFS: A **Model for Sustainable Livelihood Security of Small and Marginal Holder".**

The Department organized an educational and interactive 'Guest Lecture' on 4th February 2022, by the guest speaker Dr. Ranjan Bhattacharyya. The Topic of discussion was **Soil Carbon Sequestration for Sustainable Agriculture.**

A guest Lecture' on **"Precision Nutrient Management for Higher Crops Productivity and Profitability"** on 7th February 2022, by Dr. Pravin Kumar.

Visits

The students of B.Sc. (Hons.) Agriculture II year, Department of Agriculture, Integral Institute of Agricultural Science and Technology (IIAST), Integral University, Lucknow, visited CSIR-National Botanical Research Institute on 11th May 2022, to spectate the National Technology Day Program. The laboratories of the Institute were opened for the students to make them understand and acknowledge the importance of science.

World Milk Day

"World Milk Day" is celebrated every year on June 01, to raise awareness about the importance of milk and dairy products in our daily lives. The students of the Department of Agriculture, Integral Institute of Agricultural Science & Technology (IIAST), and the Department of Bioengineering visited the Dairy Plant to celebrate this occasion. The visit was planned to make students recognize the value of milk in our lives and the significance of the dairy sector. The whole activity was carried out at the Lucknow Producer's Co-Operative Milk Union Limited also known as Parag New Dairy Plant, Chak Ganjaria, Sultanpur Road, Lucknow, Uttar Pradesh, 226002.

The MoU was signed between Uttar Pradesh Council of Agricultural Research (UPCAR) and Integral University to explore, extend and strengthen the functional relationship between the two institutions.

Kisan Pathshala

Kisan Pathshala, also popularly known as Million Farmers School, is an extension programme initiated by the government of UP in 2017 with a view to encourage the use of modern farming techniques, to make farming more profitable, sustainable, and resilient. Unlike traditional extension services, Kisan Pathshala integrates various facets of agricultural knowledge into a packaged format and delivers it through village-level training and dissemination of knowledge to the farmers. Keeping the above objective in mind, a Kisan Pathshala was organized by the Department of Agriculture, Integral Institute of Agricultural Science & Technology (IIAST) on 1st Oct 2022. to sensitize the natives of the village Achramau of Tehsil Bakshi ka Talab.

The Programme was observed under the guidance of Prof. (Dr.) Mohd Haris Siddiqui, Dean, Faculty of Agricultural Science and Technology and Dr. Saba



Prof. Nazir Ahmed Ganai, Hon'ble Vice-Chancellor, Sher-e-Kashmir University of Agricultural Sciences & Technology of Kashmir,



Dr. Sanjay Singh, Director General, Uttar Pradesh Council of Agricultural Research, (UPCAR), Lucknow, and Shri Vivek Kumar Singh, Director, Directorate of Agriculture, Govt. of U.P.

Siddiqui, Head, Department of Agriculture, IIAST. The faculty coordinators, Dr. Sunil Kumar, Dr. Mustfa Hussain and Ms. Akanksha Singh along with supporting staff, Syed Faisal Kirmani and Suraj Awasthi accompanied the experts and students of B.Sc (Hons.) Agriculture II Year and III Year to Mega Academy, where the Pathshala was organized. The farmers of village Achramau and other nearby villages attended the Pathshala. The information regarding Integrated Pest Management and Value Addition of vegetable and fruit crops of Kharif season was successfully imparted to farmers by the experts of IIAST. Dr. Salman Ahmad, Assistant Professor, IIAST, successfully disseminated information about preventing and monitoring of major pests of vegetable crops and also gave information regarding proper time, dose and methods of application of pesticides and discussed the cultural and biological methods of pest management. Dr. Md. Abu Nayyer, Assistant Professor, IIAST, addressed on the topic, **Value Addition of Vegetable crops** and explained about easy storage, processing and marketing of value-added products. Mr. Anupam Singh and Mr.Ahmad Shahnewaz gave interesting and valuable information to farmers regarding new techniques of IPM and Value Addition in fruit crops. The interaction and communicational approach of experts of Kisan Pathshala was impressive with natives of villages who were inquisitive and flooded the session with queries.

A beautiful **Nukkad Natak** was also performed by the students of B.Sc (Hons.) Agriculture II Year and III Year, depicting the condition of farmers and the role of agriculture policies. The message was to respect the hard work of Annadata. The Pathshala was concluded after taking the Feedback of farmers for assessing their level of satisfaction, which revealed that the majority of farmers attending the Kisan Pathshala were highly satisfied with the way Pathshala was organized and the quality of content which was delivered.

Student READY (Rural Entrepreneurship and Awareness Development Yojana) Orientation Programme

A Ten-Day student READY (Rural Entrepreneurship and Awareness Development Yojana) Orientation Programme was organized by the Department of Agriculture, Integral Institute of Agricultural Science and Technology (IIAST), as per the directives of fifth Dean Committee of Agricultural Education of 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. There are five components of this programme:

- Rural Agricultural Work Experience (RAWE)
- In-Plant Training/Agro Industrial Attachment (AIA)
- Experiential Learning / Hands on Training
- Skill Development Training
- Students' Project

All these components are interactive and are conceptualized for building skills in project development and execution, decision-making, individual and team coordination, approach to problem-solving, accounting, quality control, marketing and resolving conflicts, etc., with end to end approach. Fifth Deans' Committee has recommended the RAWE and AIA programme in VIIth Semester and Experiential Learning / Hands on Training (HOT) in VIIIth semester for B.Sc (Hons.) Agriculture.

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.

The members of the RAWE committee Dr. Malik Mobeen, Mr Nadeem Khan, Dr. Faria Fatima Dr. Khalid Habib, Dr. Sunil Kumar and Dr. Ayush Bhushan enthusiastically organised the whole event under the guidance of Prof. Mohd. Haris Siddqui, Dean, Faculty of Agricultural Science and Technology and Dr. Saba Siddiqui, Head, Department of Agriculture.





Republic Day & Independence Day

celebrated at Integral University



Hon'ble Founder and Chancelloer, Prof. Syed Waseem Akhtar



Hon'ble Vice-Chancelloer, Prof. Javed Musarrat









International Yoga Day (21 June)

celebrated at Integral University







Interactions with the Alumni

> "I think the success of any school can be measured by the contribution the alumni make to our national life."
>
> -John F. Kennedy

Integral University alumni are the reflection of its past, representation of its present, and a link to its future. Alumni are a huge talent pool whose guidance can be beneficial to the present students and other fellow alumni in their respective areas of study.

Alumni Interaction by Er. Mohammad Adil Masood, Facility Manager in the Ministry of Education and Higher Education, the State of Qatar on 15th November 2021

An Alumni interaction was organized by the Department of Civil Engineering, Integral University, Lucknow, on 15th November 2021, for the students of B. Tech & M.Tech. The guest speaker on this occasion was Er. Mohammad Adil Masood, B.Tech, from Integral University, in the year 2014, and presently working as a Facility Manager in the Ministry of Education and Higher Education, State of Qatar.

The Programme was hosted by Muntashir Abbas Naqvi, a third-year student, who gave a brief introduction about the guest speaker. Prof. Syed Aqeel Ahmad, HoD, Department of Civil Engineering, welcomed the guest, senior faculty members, and all participants.

It was an event at which the current batch of students benefited from the experience of the Department's alumni, who have their mark in the different professional sectors across the globe. Er. Mohammad Adil Masood motivated the students, and explained the strategies to apply at various levels of jobs in India and abroad. He shared vital information about different types of work on project sites. He also discussed in detail the requirement of freshers by the MNCs in India and abroad.

He also shared his experience of the time when he was a student at Integral University and enlightened the promising opportunity that beckons budding Civil Engineers and answered the questions put up by the students.

Gliglimpses of the Expert Lecture (online)

Alumni Welfare Association & Department of Civil Engineering jointly organized an online Alumni Interaction program for students, on 23rd September 2021, from 02:30 pm to 03:30 pm. in the Civil Engineering Department. The guest speaker of this program was Alumnus Er. Ahmad Faraz, Co-Founder & Joint Managing Director of Hotspot Construction Company, Uttar Pradesh (India) & Former Senior Quantity Surveyor in Carillion Qatar LLC, Qatar. Dr. Sabih Ahmad, Associate Professor, Department of Civil Engineering, welcomed Er. Ahmad Faraz and introduced him to students.

Er. Ahmad Faraz advised the students that there is no other alternative to hard work & sincerity when they are in a job. He also discussed the importance of other international codes such as British and American codes particularly if they are interested in site engineer jobs in the Middle East countries. He also discussed the importance of Civil Engineering softwares such as MS Project, and the Primavera used in planning civil engineering projects and designing software such as STAAD-Pro, E-tabs, SAP-2000, etc.

Honouring the guest, Prof. Syed Aqeel Ahmad interacted with the students after the questions and answers session. He emphasized that students should learn academics thoroughly during their stay in the department and clear their doubts with faculty members.

An online Alumni Interaction by Er. Shivsagar Verma Deputy Manager Planning in M/S GEM Engserv. Pvt Ltd., held on 17th July 2021.

An Alumni interaction was organized by the Department of Civil Engineering, Integral University, Lucknow, on 17th July 2021, for the students of B. Tech & M.Tech. The guest speaker on this occasion was Er. Shivsagar Verma, B. Tech from Integral University 2014, and, presently working as a Deputy Manager Planning in M/S GEM Engserv. Pvt Ltd.

The Programme was hosted by Mr. Anwar Ahmad, Associate Prof. in the Department, who gave a brief introduction to the guest speaker and welcomed the guest.

Mr. Shivsagar Sharma shared vital information about different types of works on project sites. He also discussed the importance of different softwares, like Primavera and discussed its use in planning projects. The Programme ended with a vote of thanks by Mr. Rajiv Banerjee, Associate Prof. Dept. of Civil Engineering Integral University, Lucknow.

The Alumni talk on **"Contracts Administration in Project Management"** was held on September 23, 2021



The Alumni Interaction on "Artificial Intelligence & Machine Learning with Data Science"

Realizing the need for alumni interaction and interest of the students in novel concepts of Artificial Intelligence & Data Science, the DAC of the Department of Computer Science & Engineering in association with Innovitt Global, organized an online Alumni Interaction & Webinar on the topic, **"Artificial** Intelligence & Machine Learning with Data Science" on Saturday 11th September 2021.

Before the interaction with students, a welcome address was given by Dr. Jameel Ahmad, Assistant Professor, Department of Computer Science & Engineering, The alumnus Mr. Mohd. Arif, CEO of Innovate Global, Training Department of Workshop and Internship, addressed the students and interacted with them on various issues regarding future actions and carrier building. Subsequently, Er. M. G. Beg, Senior Corporate Training and Software Engineer, Innovitt Global, shared valuable knowledge about recent trends in Artificial Intelligence, Machine Learning & Data Science. The session concluded with a vote of thanks by Dr. Jameel Ahmad.

An Alumni interaction was organized by the Department of Mechanical Engineering in association with Alumni Welfare Association, Integral University, Lucknow, on March 14, 2022, for the students of B. Tech & M.Tech in the Central Auditorium. The guest speakers were Mr. Sanyog Kumar Singh, (B. Tech ME, 2015 batch), Officer, Fire & Safety, Sopan Operation & Maintenance Co. Pvt. Ltd. & Mr. Osama Ansari, (B. Tech ME, 2016 batch), Senior Analyst, Strategy & Marketing, Micelio Mobility, Bangalore.

The Programme was hosted by the Department of Mechanical Engineering & Alumni Welfare Association. Alumni Mr. Sanyog Kumar Singh & Mr. Osama Ansari were welcomed by the Head of the Department of Mechanical Engineering Dr. P.K.Bharti, and Mr. Ali Saad along with the Departmental alumni coordinators Mr. Abdul Ahad Khan & Mr. Meraj Ansari.

It was an event by which the students were motivated and got the opportunity to learn from the experience of the alumni, who have made their mark in the professional domains.

Mr. Sanyog Kumar Singh motivated the students and explained the strategies to apply for various jobs in fire safety in India and abroad. He shared vital information about different types of works performed at the fire safety project sites. He also discussed in detail the requirement of freshers by the MNCs in India and abroad.

Mr. Osama Ansari also addressed the students & discussed challenges & job opportunities in his domain of expertise, (EV Industries) and encouraged students to work hard.

Expert Lecture on : "Introduction to Thermal Engineering"

The Department of Mechanical Engineering organized an online expert lecture on the topic "Introduction to Thermal Engineering" on March 30, 2022. The Expert speaker was Mr. Shankar Jarasandh Wadne, Senior Faculty Member, ACE Engineering Academy and an alumnus of WCE, Sangli.

The guest lecture started with the welcome address by Dr. P.K.Bharti, Head, Department of Mechanical Engineering. Thermal Engineering is a discipline of Mechanical Engineering that deals exclusively with heat energy and its transfer between not only different media but also into other usable forms of energy. It encompasses concepts involved in dealing with heating and cooling systems and the transfer of heat. Knowledge of thermal engineering is very instrumental for the areas like power industry, the automobile industry, and the heating ventilation, and air conditioning (HVAC) industry.

Mr. Shankar Jarasandh Wadne introduced the basic concepts of thermal engineering and explained the most commonly asked topics in GATE and other competitive examinations. Mr. Wadne also emphasized the importance of the GATE scorecard for admissions in IITs, NITs & other master's programs. He also informed about his own success story and the strategy adopted to make good commands on various subjects.

NGOs Role during Covid-19

During this challenging phase of the pandemic, the alumni were the torchbearers for others. They came forward and extended their selfless services for the good of the entire community. Their generosity was beyond excellence. Alumni Welfare Association of Integral University (AWAIU) in association with Integral University Social Services (IUSS) organized an Alumni Interaction Program with the alumnus Mr. Abdul Saboor on the topic "NGO's Role During Covid-19" on 25th September 2021, in the Central Auditorium, Integral University. The event started with a welcome speech by Ms. Nashra Javed, Assistant Manager, IUSS

Mr. Abdul Saboor discussed the ways of his NGO "Madad Karo Na", which is working as a helping hand for Lucknow and other cities. The NGO was started

in 2020, as a support group to provide food and other essentials to migrant workers during this pandemic. However, when the second wave of Covid-19 hit the people, the team came forward to provide relief for all those in need during the pandemic. They also acted as a taskforce, which emerged as a trusted disseminator of correct and verified information about COVID-19 amid all the chaotic chatter and has even tied up with a few NGOs to widen its reach and scope. Besides, several other accomplishments under its belt, his team aims to reach out to the masses in rural areas and spread mass awareness about coronavirus infection and related precautions, from ground zero.

He explained different ways through which students and faculties from Integral University can collaborate with his team and serve those who are in real need through Ration/Food and Medical/Hygiene Kits distribution drives. He discussed how the teaching fraternity can contribute in various ways to Education/Awareness drives in nearby villages and identified places. Prof. Monowar Alam Khalid, Dean Students' Welfare, appreciated the work and the efforts done by Abdul Saboor and his dedicated team.

Proud Moments !!

IIRF Ranking - 2nd Position in U.P. and 27th Position in India

The Department of Architecture, has been ranked 2nd in Uttar Pradesh and 27th in the country by the Indian Institutional Ranking Framework (IIRF) 2022. Indian Institutional Ranking Framework (IIRF) 2022, ranks more than 1,000 institutions and is published by Education Post since 2016.

Thesis Excellence Award By (Council of Architecture)

Two students Sameer Ashraf and Sharan Chatterjee of batch 2016-2021, qualified for the National Awards for Excellence in Architectural Thesis 2021 & JK AYA Best Architecture Student of the Year Award 2021, in North Zone and received a certificate of merit from Council of Architecture (CoA) for their accomplishment. The competition jury was held under two categories, the students received merit awards in both:

Category A: Architectural Projects

In this category, the Institute submitted two Architectural Theses entries (shortlisted based on academic performance), one of which, Mopa International Airport by Sameer Ashraf, guided by Ar. Khurram Ashraf.

Category B: Project addressing concerns within the society

Under this category, Architectural Theses entries (shortlisted based on academic performance) were sent by the Institute titled "Tourist Amenity Centre and Revitalization of its Precinct, Dashashwamedh Ghat, Varanasi, Uttar Pradesh, India" by Sharan Chatterjee guided by Prof. Zeba Nisar.

Congratulations

The meritorious students of the Department qualified Gate 2022, Miss. Anam Amjad secured 496 Rank and Mr. Amir Azad secured 615 Rank.

Mr. Amir Azad has been selected for Master's Programme in India's premier higher education institute i.e. the School of Planning and Architecture (SPA) which is specialized in education and research in the field of Planning and Architecture.

International Placement

The student Mr. Sameer Ashraf got placed in Internationally esteemed office Ensamble Studio, Spain. He got the package of 20-25 lakh per annum. The Dept. is proud of him and giving them best wishes for future ahead.



> "Architecture should speak of its time and place but yearn for timelessness."
>
> -Frank Gehry

Faculty of Architecture, Planning & Design

MOU Signed with Uttar Pradesh New & Renewable Energy Development Agency

The MoU was signed between the faculty of architecture, planning and design, Integral University, Lucknow, and UPNEDA, which will help in propagation, promotion and enhancement of research in the use of renewable energy systems and means of saving energy in various sectors.

Awas Par Samvad

Faculty of Architecture Planning and Design, Integral University, Lucknow, had the honor to host an online workshop/seminar on : AWAS PAR SAMVAD, the special theme on Social Mobilization, in collaboration with State Urban Development Authority (SUDA), UP, Ministry of Housing and Urban Affairs (MOHUA), India and UN HABITAT. The expert talk was delivered by Prof Zeba Nisar, Ar Khurram Ashraf, from FOAPD, Integral University, Lucknow, Pl. Arundhuti Mishra and Ar Kushal Dubey, Housing Expert, Assistant Professor, Faculty of Architecture Planning AKTU, Lucknow.

Innovative Construction Technologies and Thermal Comfort for Affordable Housing

Faculty of Architecture, Planning & Design (FoAPD) in collaboration with Climate Smart Building Cell, GIZ under Indo German Energy Program (IGEN) successfully organized a Two-Day Training Workshop on **"Innovative Construction Technologies and Thermal Comfort for Affordable Housing"** on 18th & 19th May 2022, in Integral University, Lucknow. The speakers of the program were Prof. Zeba Nisar, Dean, FoAPD,Mr. Amrish Chaturvedi, Team Manager, CSB Cell, North Cluster,Mr. Abu Talha Farooqui, Assistant Professor & Assistant Dean, Jindal School of Art & Architecture, Haryana,Mr. Saif Uddin, Energy Policy Expert, CSB Cell and Mr. Mohd. Zaid Khan, CSB Cell.

Awareness program on: Women Security & Cyber Crime (Mission Shakti Campaign)

The Faculty of Architecture, Planning and Design in Collaboration with Women Grievance Cell, Integral University, Lucknow, organized a webinar on "Awareness program on Women Security and Cyber Crime" on 11th September 2021. The event aimed at making youth aware of pressing issues of Women Security and Cyber Crime.

Mr. Surendra Mohan, Joint Commissioner, Income Tax Department, Lucknow, the Chief Guest of the program, shared his views on the genre of self-help and self-motivation in context of women security and cyber-crime. Further, Guest of Honor Dr. Sima Modi, Actor and Founder of Srijan Shakti Welfare Society (NGO) discoursed on the situation of women in tribal areas and also the steps that can be taken to reduce crime. Subsequently, Dr. Ritu Gulati, Associate Professor, Faculty of Architecture and Planning, AKTU, Lucknow, shared her viewpoint on the issues related to women security and cyber crime.

Workshop on the Topic "Energy Conservation Building Codes 2018"

The Faculty of Architecture, Planning & Design (FoAPD) in collaboration with Uttar Pradesh New & Renewable Energy Development Agency (UPNEDA), successfully organized a one Day Workshop on "Energy Conservation Building Codes" on 5th April 2022, in Hall-1, Central Auditorium Building. The speakers of the program were Mr. Ram Kumar Niranjan, Senior Project Officer, UPNEDA, UP Govt,Mr. Sandeep Verma ECBC Master Trainer ,Mr. Ifham Shahid, EEB Cell, UPNEDA, Mr. Shobhit Saxena, EEB Cell, UPNEDA,Mr. Saifuddin, EEB Cell, UPNEDA and Mr. Tushar, EEB Cell, UPNEDA.

Value Added Courses

Building Information modeling

Organized by Department of Architecture,

Building Information Modeling (BIM) is an intelligent 3D model-based process that gives architecture, engineering, and construction (AEC) professionals the insight and tools to more efficiently plan, design, construct, and manage buildings and infrastructure.This course is created in collaboration of AK Creative Heritage Drafting & Design Training Services and Faculty of Architecture, Integral University. The course started on 20thJune, and ended on 14th August 2021.

Values and Heritage Conservation

The Faculty of Architecture, Planning and Design Integral University, Lucknow organized Value-Added Course on "Values and Heritage Conservation" from 18th June, 2022, for the students of Architecture and Planning.

This course focuses on historic preservation and conservation as a strategy for bridging the gap between the past, present, and future. The goal of the course is to familiarize participants with heritage issues and challenges, as well as potential for heritage structures, sites, precincts, and places, and the importance of integrating development and heritage preservation.

Vernacular Construction Techniques (VACAR 21-01)

The Department of Architecture, organized a Value-Added Course on "Vernacular Construction Techniques (VACAR21 - 01)" for the students of Bachelor of Architecture, Integral University, Lucknow. The one month value-added course with 30-hours of active engagement was organized from May 11, 2022, to June 11, 2022.

This course is mainly aimed at hands on experience of "Vernacular Construction Techniques" for students, which will help them work efficiently in their Architectural practice and also helps them to learn team work with professionals and workers on construction site.

Workshop, Webinars, FDP & PDP Calligraphy Workshop

The Department of Architecture and Design, under the aegis of Faculty of Architecture, Planning & Design, organized a workshop on Calligraphy from 22nd November 2021 to 26th November 2021.

The program started with a guest lecture by Ar. Rahil Malik to get the basic knowledge about the Calligraphy under the theme of Communal Harmony. The students were assigned to write slogan, poem, or article on any one of the media -Hindi, English, Urdu, or Arabic.

"Light House Project" Site Visit

The objective of the site visit was to spread awareness about lighthouse Projects among the students. Light House Projects are model housing projects with houses built with shortlisted alternate technology suitable to the geo-climatic and hazard conditions of the region. Six distinct innovative technologies have been selected from among 54 globally best technologies that participated in GHTC India for constructing six Light House Projects (LHPs) of about 1,000 houses each with allied infrastructure at Indore, Rajkot, Chennai, Ranchi, Agartala and Lucknow.

"Poster Competition" (Ecological importance of River)

To spread the awareness of religious, cultural and ecological importance on River Ganges, a workshop was organized and Poster Competition held on 20th December 2021, FoAPD. Dr. Minaxi B. Lohani (Associate Professor, Department of Chemistry) and Mrs. Kavita Agarawal (Chairperson- Women's Study Centre, Integral University and Associate Professor, Department of Computer Science) were invited to judge the posters.

"Nukkad Natak"

The main objective of the event was to spread awareness among the youths. The topics were : Women empowerment and importance of health and hygiene held in the senior secondary school of Behta Village, Kursi road, Lucknow.

Students conveyed a powerful message through their performance.

Guest Lecture "Elements of Design"

The main objective of the lecture was to get basic knowledge of Elements of Design at a large-scale. The program started with a guest lecture by Ar. Sana Parveen, Associate Professor at the BGS School of Architecture and planning, Bengaluru. In her lecture, she covered point, line shape and form. The students were given assignments after the lecture.

Background and Importance of thinking process- Unleashing the Real Atma Nirbharta

The Department of Architecture, Faculty of Architecture, Planning & Design, Integral University, Lucknow organized an expert Lecture on **"Background and importance of Thinking Process - Unleashing the Real Atma Nirbharta" by Mr. S. M. H. Adil, Founding Member, IBPSA**

The lecture focused on Architectural Engineering by Mathematical models, building Physics experience, abstraction & encapsulation of ideas inspired by the nature and power of an interdisciplinary professional. This lecture benefited the students and faculties by providing them exposure towards the interdisciplinary professional aiding in their career advancement.

Foster communal Harmony :

The Department of Architecture organized Poem, Essay writing, and Slogan writing competitions under the theme "Fostering Communal Harmony" from 20th to 25th November 2021

The Department of Design, under the aegis of Faculty of Architecture, Planning & Design conducted Tile Design and Face Painting Competition to celebrate Communal Harmony Campaign Week. The session included the Head Gear Design, Tile Design competition and Face Painting competition. The students were given Fostering Communal Harmony as the theme for the design. The university students from multiple disciplines participated in both Essay Writing and Debate competitions. Miss Rakhshan Hussain (Diploma in CSE) in Debate and Mr. Ajaz Siddiqui (Diploma in Mechanical Engineering) in Essay Writing Competitions secured the First Position. Miss Hadiya Habib Alvi (B.Tech-Food) in Debate and Miss Umme Ammara (Diploma in Architecture) in Essay Writing Competitions secured the Second Position.

Delegation for the Annual NASA

The Faculty of Architecture, Planning & Design (FoAPD) sent a delegation of 10 students for the Annual NASA (National Association of Students of Architecture) Convention held in Christ (Deemed to be University), Bangalore. The convention was held for 4 days between 1st - 4th June 2022. It was a great learning experience for the students. Participation in the convention gave students exposure to different schools of thought and architectural education, driving them to learn more through hands-on experience.

The students attended various workshops like 3-D Printing, Brick Masonry and Jaali Construction, virtual reality, material workshops, documentation, etc. and worked alongside students from over 100 colleges in different areas allied with architecture and design.

Every year, the Annual NASA Convention, or ANC in short, revolves around a designated theme. The theme is usually a pressing issue that requires immediate address or a current topic that looks at various consequences and

possibilities for the problem at hand. This year, all the major trophies at the 64th ANC were centred on the theme of 'Grassroots'.

Workshop on the Topic "virtual Reality (VR-Technology)

Faculty of Architecture, Planning & Design (FoAPD) in collaboration with Trezi Academy (Noida) successfully organized a Workshop on "Virtual Reality (VR-Technology)" on 25th May 2022 in Seminar Hall, FoAPD.

Mr. Rachit Saini, an expert from the Trezi Academy (Noida) gave an overview of the VR-Technology in the current scenario, emphasizing the scope and purpose of Virtual Reality for the students and professionals of the architecture industr

A look in the Closet- Fashion Show

The Department of Architecture and Design, under the aegis of Faculty of Architecture, Planning & Design, organized a ramp walk show on the Boho-chic theme.

The program started with the introduction about the theme. The students were free to style and accessorize themselves on the basis of their knowledge on the bohemian style of clothing. The students of B. Des. (Fashion Design) actively participated and 6 students from Institute of Fashion Design & technology, also participated, in the event.

Participation in Guest Lecture, Workshop and Exhibition

On the occasion of IDCS IIID confluence and showcase (25th - 27th January), the Faculty of Architecture Planning and Design, Integral University, participated in a number of activities in the Indra Gandhi Pratishthan, Lucknow.

Important events Conducted were:

1. Guest Lecture Series (Senior Architects and Designers)
2. Origami Workshop (From Experts of related field)
3. Mud Workshop (Along with students of other colleges)
4. Design Exhibition (Works of Famous Indian Architects)

Students Interacted with experts of the Architecture profession and they all enthusiastically participated in workshops along with the faculty members and students from various Departments.

Plantation
Van Mahotsav-2022-23



Hon'ble Chancellor



Hon'ble Vice Chancellor



Nigerians in Integral University, India, honour Kannywood actress, Rahama Sadau







Orientation Program-2022



Left: Prof. M. Harish Siddiqui, Registrar, Dr. Syed Nadeem Akhtar, Pro-Chancellor, Prof. S.W. Akhtar, Founder & Chancellor, Mr. Brijesh Pathak, Hon'ble Dy. Chief Minister, U.P., Prof. javed Mussarat, Vice Chancellor & Prof. M.A. Khalid, DSW





Integral Family welcomes Mr. Brijesh Pathak, Hon'ble Dy. Chief Minister, U.P.,





Fullbright Outreach Program

Organised by HRDC, Integral University on 11th April 2022



Mrs. Gayatri Singhal, Program Manager, Dr. Sudarsan Dash, Senior Program Officer, Pratibha Nair, Fulbright India Program Head.



Vice Chancellor, Prof. Javed Masarrat





Pro Chancellor, Dr. Syed Nadeem Akhtar and Vice Chancellor, Prof. Javed Masarrat with Pratibha Nair, Fulbright India Program Head





Prof. Syed Aqeel Ahmad, Director, HRDC, Integral University

Department of Bioengineering

> "Scientists dream about doing great things, Biomedical engineers do them"

Patents Granted

International

Ahsan, Farogh, Dr., Lucknow, UP, IN., Ansari, Tarique, Mahmood, Dr., Lucknow, UP, IN., Farooqui, Alvina, Dr., Lucknow, UP, IN., Mantry, Shubhrajit, Dr, PUNE IN., Sachin, Anupam, K, Dr., Kanpur, IN., Shamim Arshiya, Dr, Lucknow, IN., Sharma, Pankaj, Kumar, Ghaziabad, IN., Siddiqui, Mohd, Haris, Dr, Lucknow, IN., Wal, Pranay, Dr., Kanpur, IN. Effect of Sericin on Isoproterenol induced cardiac necrosis and hypertrophy International, 29-9-2021, Patent No. 20-2021105267

Dash, Pragyandip, Parthasarathi, Dr., Lucknow, UP, IN., Dwivedi, Deepti, Ayodhya, UP, IN., Farooqui, Alvina, Dr., Lucknow, UP, IN., Islam Anas, UP, IN., Mishra Anuradha, Dr., Lucknow, UP, IN., Saraswat, Nikita, Dr., Pune, MH, IN., Siddiqui, Mohd Aftab, Dr., Lucknow, UP, IN., Singh, Satya, Prakash, Ayodhya, UP, IN., Verma, Preeti, Saharanpur, UP, IN. Nephro-protectant for acute kidney injury International, 24.02.2022, Patent No. 202022101070.6

National

Dr. Roohi, Dr. Mohd. Kuddus, Mr. Mohd. Amir, Ms. Naushin Bano, Dr. Mohd. Rehan Zaheer, Novel Method for the detection of PHB polymer based phaz PHB depolymerase enzyme. (Patent No.: 202111053238).

Sharma S, Pathak N, Rai S, Vimal A, Bano A, Gupta A (2022) Biogenic antimicrobial chitosan-based nanoparticles and process of their synthesis using plant Ocimum sanctum leaf extract (published, Application No.: 202211024871A)

Iffat Zareen Ahmad, Sonam Dwivedi, Heena Tabassum. Nanoemulsion-based cosmeceutical products having UV-protective and anti-skin cancer properties (published, Application No.: 202211035969).

Awards/Honors Received

Prof. (Dr.) Iffat Zareen Ahmad

Best Oral Presentation Award. Haram Sarfraz, Prof. Iffat Zareen Ahmad. Development of nanoemulsion from Linum usitatissimum L. seeds extract: Preparation, characterization and in vitro evaluation for anticancer potential against hepatocellular carcinoma in International Conference on Advances in Cancer Biology, Prevention and Therapy (ICACBPT-2022) held on 24-25th May, 2022.

Best Poster Presentation Award Saleh Yusuf, Prof. Iffat Zareen Ahmad. In vitro anticancer activity of polyherbal nanoformulation in hepatocellular carcinoma cell line in International Conference on Advances in Cancer Biology, Prevention and Therapy (ICACBPT-2022) held on 24-25th May, 2022.

Dr. Roohi

Received Outstanding Researcher of the Year Award-2021 from Integral University, on 15th August 2021, with memento, certificate and a Research grant of Rs. 2 Lakhs.

Received National Education Excellence Achievers Award-2022 by Navbharat Rashtriya Gyanpeeth, Pune, Maharashtra-411030 (Registered under the Societies Registration Act XXI of 186, BPT Regd. Act.-1950).

Dr. Salman Akhtar

Awarded with ICMR Research Fellowship Project for the period of 3 years with Mr. Altaf Ahmad Shah as SRF in the project.

Appointed as Guest Editor in the Special Thematic Issue titled "Novel and latest computational in routes in the design and development of anti-cancer drugs" in the Current Medicinal Chemistry Journal (Bentham Publications) with a Web of Science Impact Factor of 4.53.



Prof. Dwijendra Kumar Gupta, Professor, Department of Biochemistry, University of Allahabad and former Vice Chancellor Jai Prakash University, Bihar

S. No.	Activity	Date	Mapping with SDG
1.	An expert lecture on "NMR and MRI for Biomedical Clinical Research" was deliveerd by Prof. Neeraj Sinha, Professor, Centre of Biomedical Research, SGPGIMS Campus, Lucknow, India. 24/03/2021	24/03/2021	3
2.	A lecture on "Food processing and value addition" was delivered by Prof. P. K. More, Head, Department of Post-Harvest Process & Food Engineering, G. B. Pant University of Agriculture and Technology, Pantnagar.	24/03/2021	1,2,3,4
3.	A Workshop on "Bioreactor and its scale-up strategies" was organised to gain hands on expertise on the same.	26/07/2021	1,3,4
4.	On account of World Food Day 2021, the students of the Department organized various awareness and informative programs at Integral University campus.	08/10/2021 to 12/10/2021	
5.	An awareness campaign about Common Health Ailments and Health Consciousness was organised at village-Fatehpur Khamrai, Barabanki.	25/10/2021	3
6.	A two - Week Professional Development Program (PDP) focused on New Trends and Advancements in Bioengineering was conducted by the Department 15/11/2021 to 29/11/20211,2,3,4,6	15/11/2021 to 29/11/2021	1,2,3,4,6
7.	In commemoration of World Cancer Day, a Cancer Prevention and Awareness program on the Theme: "Close the Care" was organised in the Department under the able guidance of Prof. MLB Bhatt , Ex VC KGMU and Head, Department of Radiotherapy KGMU and Dr. Mohammad Azhar Aziz, Director, Interdisciplinary Nanotechnology Center, AMU, Aligarh. 04/02/20223	04/02/2022	3
8.	A webinar on "High Throughput and Fully automated Western Blotting" was conducted.15/02/20224	15/02/2022	4
9.	A webinar on "Making of the Indian Rotavirus Vaccine" was conducted	24/02/2022	3
10.	A workshop on "Plagiarism and Code of Conduct" was conducted.	03/03/2022	9
11.	World Engineering Day for Sustainable Development was celebrated in the department.	04/03/2022	9
12.	International Women's Day was celebrated.	05/03/2022	5
13.	A plantation drive was organised by the Department of Bioengineering in collaboration of Integral Institute of Agricultural Science and Technology. 25/03/2022	25/3/2022	2,3,13,15
14.	To commemorate World Hemophilia Day, an awareness Program was organised by the Departments of Bioengineering and Biosciences.	19/04/2022	3
15.	An Industrial visit to Parag Dairy, Lucknow was conducted, on World Milk Day 2022.	01/06/2022	9
16.	A visit of students to Regional Food Research and Analysis Centre, Lucknow was conducted. 07/06/2022 1,2,3,4,9	07/06/2022	1,2,3,4,9
17.	A counselling session cum Farewell was organised for the pass out Nigerian students.	22/06/2022	4



First Research Meet, Department of Bioengineering, Integral University





Prof. T. Usmani, Dean, Research & Proctor of the University & Prof. Aqil Ahmad, Advisor to the Chancellor, Integral University, with the guests of Event



Department of Bioscience

> "Our world is built on Biology and once we begin to understand it, it then becomes a technology."
>
> -Rayan Bethencourt

Patents

The patent entitled "Polyherbal Formulation for Preventing Post Covid Intense Hair Loss" was granted on 09-03-2022. (202022101 151.6) Authors- Snober S. Mir

The patent entitled "Combination of Metformin with neem derived Hsp90 inhibitor Gedunin to combat non-small lung cancer" is published on 20-05-22. (202211008 569)

Authors- Snober S. Mir, Adria Hasan Patent entitled "Dipeptidyl peptidase 4 inhibitor and preparation thereof" was published on 2005-2022. (202111057433)

Authors- Wahajul Haq, Snober S. Mir, Chennamsetty Subbaiah

Dr. M. Salman Khan

Selected as a member of The National Academy of Sciences (NASI), India

Dr. M. Salman Khan, Associate Professor in the Department of Biosciences, Integral University, has been selected as a member of The National Academy of Sciences, (NASI), India. NASI received several applications for this prestigious award throughout the year, and this year, only 26 members have been selected in the field of Biological Sciences. National Academy of Sciences, India (NASI), Allahabad is the oldest of the three prestigious science academies in the country, the other two being Indian National Science Academy (INSA) New Delhi, and the Indian Academy of Sciences (IASc) Bangalore).

The selected list of members from across the country in 2022 was given at http://nasi.nic.in/NASI-MNAScBiological-Sc.-2022-merged.pdf

Dr. Amita Dubey

Dr. Amita Dubey, Assistant Professor, Department of Biosciences, Integral University, Lucknow, received a grant from DST-SERB under the Start-Up Research grant. A grant of Rs. 29,76,600 has been sanctioned for the project entitled "Exploring the role of cytochrome P450 monooxygenases in sennoside biosynthetic pathway of Senna alexandrina Mill."

Dr Mohd Khubaib

Dr Mohd Khubaib is an Assistant Professor in the Department of Biosciences. His research interest is in the immunology, involved in host-pathogen interaction and patho-physiology of Mycobacterium tuberculosis (M. TB) infection. Currently, his research group is more focussed on the role of various Toxin-Antitoxin loci in the pathogenesis of M. TB.

Title of the Project: "Unravelling the Functional Cooperation between Ubiquitin-Proteasome Pathway and Xenophagy (Selective autophagy):

Role of Toxin-Antitoxin (TA) family proteins of Mycobacterium tuberculosis"

Funding Agency: Council for Science and Technology, UP

Date of Sanction: 30th August 2022, Project ID: 1510

Total Amount of grant approved: Rs 13,44,000

Duration: Three years

World Mental Health Awareness Day

An awareness and sensitization program on positive mental health and well being to commemorate world suicide prevention day was conducted by the Department of Biosciences, Integral University, Lucknow, in association with NurtureLife, a non-profit organization (NGO) on 20th September 2022 in Central Auditorium, Integral University. The theme for this program was 'Creating hope through action'. The aim was to discuss and provide solutions to mental health issues by stimulating simple interventions within the community. Mental wellness is a global priority and is included in the Sustainable Development Goals (SDG-3).

Ms. Farah Sarosh, Founder of NurtureLife and Dr. Azhar Mahmood Farooqui, Associate Professor, Department of Psychiatry, IIMSR Integral University, were the key resource persons in the programme.

The program commenced with a welcome note and an overview of the genesis of this initiative by Dr. Snober S. Mir, Head ,Department of



Dr. Sanober Mir, Head, Bio Sciences, Ms. Farah Sarosh, Founder of Nurture Life & Dr. Alvina Farooqui, Head, Bio Engineering

Biosciences. She emphasized upon the importance of starting a conversation around mental health and promoting actions through interactions and sto

pping the stigma associated with mental health issues.

The key speaker Ms. Sarosh apprised the faculty and students of the importance of mental well being. Her opening statement which started with an apt couplet "Mustaqil bolta hi rahta hun, kitna khamosh hun main andar se" was to raise awareness about conversations vis-a-vis positive mental health. She laid emphasis on initiation of talks and making efforts to bring this topic from closed doors to open platforms. She claimed her job is to bridge the gap between patients and doctors. Her mantra for positivity was to cultivate happiness through changes in lifestyle and attitude by taming our thoughts, having a gratitude journal and being thankful is also very helpful in building mental resilience.

The next eminent speaker was Dr. Azhar Mahmood Farooqui who highlighted the importance of mental health by talking about celebrities who have depression and ways of coping with mental health issues. He stated that "Health is a state of complete physical, mental, social and spiritual well-being". He gave a detailed lecture on mental disorders such as general anxiety disorder, panic attacks, social anxiety disorders, OCD and stress-related disorders. He requested everyone facing any kind of issue regarding their mental health seek counseling and therapy when they need it rather than being in denial mode.

Ms. Sarosh and Dr. Farooqui gave solutions and answered the questions asked by the students in a survey conducted by the Department of Biosciences.

A wonderful message on mental health awareness was given through a Nukkad natak performed by the students.

An Art for Wellness Competition based on the theme "Art for Mental Well-being" was organized by the event Coordinators, Dr. Swati Sharma and Dr. Shahida Hamid in the hallway of Department of Biosciences. Brilliant and artistic messages were projected through this competition. Judges of the event were

1. Dr. Zeba Nisar, Dean, Faculty of Architecture
2. Dr. Alvina Farooqui, Head, Department of Bioengineering
3. Dr. Snober S Mir, Head, Department of Biosciences

The list of Winners are mentioned below.

1st prize, Ms. Sanjana Maurya (B.Sc. ZBC IIIrd year)

2nd prize, Zehra Asif Hussain (B.Sc. BT Ist year)

3rd prize, was a tie between, Sanaya (B.Tech. Bioengineering IIIrd year) and Anshul Verma (B.Sc. LS IIIrd year)

Special Mention, Marya Parveen (B.Sc. ZBC IInd year)

Ms. Sarosh was felicitated with a university memento. The program was concluded with vote of thanks delivered by the event coordinator, Dr. Jahanarah Khatoon, Assistant Professor and anchor for the program was Ms. Swati Saxena, Research Scholar, Department of Biosciences. The initiative was a tremendous success and witnessed an overwhelming response, as total participants were 200+ including students and faculty.







> “Management is, above all, a practice where art, science, and craft meet.”

Department of Commerce & Business Management

Faculty of Commerce & Management

Lecture on strategies for setting goal -

The speaker was Mr.Feroze Mohammed Arif, Sr. Director, Product Development & Operations, Auritas, LLC Florida, and the USA. The Lecture was coordinated by Dr. Farhina Sardar Khan and it was moderated by Ms.Nazia Akhlaq. More than 100 students participated in the lecture.

Women Health Drive

The goal of the activity was to inform and empower women in rural areas to take responsibility for their health, understand their health options, and identify services, thereby increasing equal access to services, resources, and products that best help them prevent and reduce poor health.

Employability Training Workshop

Faculty of Commerce and Management in collaboration with the Association of Muslim Professionals organized a four-day online Employability Training Workshop, from 7-10 March 2022. The training program was organized for the students of UG and PG courses. Four eminent speakers from different parts of the country were invited to the online workshop. Mr. Abdul Aleem was the trainer for Day-One followed by Mr. Mohammad Rafiq (IT Professional, Mentor, Coach) . Mr. Shahnawaz (Technical Manager at HCL Technologies, Amazon Bestseller) delivered his talk on Day Three and Mr. Mudassir on Day Four.

International Women's Day

A Guest Lecture was conducted on the theme "Gender Equality Today for a Sustainable Tomorrow". The eminent speaker for the lecture was Ms. Aleena Mussana, Program Manager-Led by Foundation.

Faculty Development Programme on Scholarly Writing and Publishing Research Papers

The FDP was organized under the Chief Patronage of Prof. Syed Waseem Akhtar, Hon'ble Chancellor & Founder, Integral University, and under the Patronage of Dr. Syed Nadeem Akhtar, Pro-Chancellor, Integral University, and Prof. Javed Musarrat, Hon'ble Vice-Chancellor, Integral University, Lucknow. The Co-Patron of the FDP Program was Prof. Aqil Ahmad, Advisor to Chancellor, Integral University.

The speakers were Dr. Ajay Semalty, Professor, Department of Pharmaceutical Sciences, H.N.B. Garhwal University, Garhwal, India. Prof. Venkatesh Dutta, Babasaheb Bhimrao Ambedkar University, Lucknow, India. Dr. BN Padmaja Priyadarshini, Entrepreneur, Senior Statistician, Managing director of M/S Homeplan Guru civil Consultants Private Limited, Tamilnadu, India. Prof. K. Venugopal Rao, Dean, Faculty of Commerce and Management Studies, S.K University, Anantapur, A.P, India. Prof. Syed Mohd Rizwan, National University of Science and Technology, Sultanate of Oman. Prof. Prabhat Mittal, Professor, University of Delhi, India.

Mock Interview

Organized by the Departmental Placement Committee-

Dr. Adeel Maqbool conducted Group Discussion. The shortlisted students were further sent to the Personal Interview round, Mr. Ariz Siddiqui and Ms. Nazia Akhlaq conducted the personal Interview round. The panel comprised Dr. Rizwana Atiq, Dr. Gaurav Bisaria, and Mr. Shariq Nadeem. The program was coordinated by the department placement committee comprised of Mr. Shariq Nadeem, Mr. Mohd. Ariz Siddiqui and Ms. Nazia Akhlaq.

One-Day Seminar on Research Projects, Grants and Consultancy-

The guest speaker of the seminar was Prof. Anupam Narula, Professor of Marketing & Dy. Director, Alumni Relations, Amity University, Noida.

Workshop on Meta-Analysis

This workshop was meant for Faculty members, Research Scholars, PG Students. The speaker of the seminar was Dr. Deepak Verma. The workshop was coordinated by the Department NAAC Criteria 3 team, in-charge & members viz Dr. FarhinaS.Khan, Dr. Kainat Akhtar Usmani, Ms. Nazia Akhlaq and Dr. Saurabh Bajpai.

Skill Development Program on Writing Dissertation/ Summer Training Projects-

The guest speaker of the session was Prof. Anuj Kumar, Apeejay School of Management, New Delhi. The program was coordinated by Dept. NAAC Criteria 3, in charge & members viz. Dr. Farhina S. Khan, Ms. Nazia Akhlaq, Dr. Saurabh Bajpai and Ms. Priyanka Bajpai. The moderator of the session was Dr. Kainat Akhtar Usmani.

Best Practices in Research and Research Article Writing

The Faculty organized a Webinar on Best Practices in Research and Research Article Writing in association with Elsevier. The speaker was Ms. Aishwarya Nayal, Customer Consultant, Elsevier. The program was coordinated by the Dept.

Curricula developed and implemented

The Faculty of Commerce and Management, Integral University evolved its curriculum based on teaching-learning processes that are founded on carefully chosen parameters of socially relevant outcomes. The curriculum is intended to address the requirements and needs of the local, national and international standards of academic excellence. The programme curricula, based on the Choice Based Credit System (CBCS) and Outcome Based Education (OBE), are regularly updated to include updated inputs from all the stakeholders-Industry, Alumni, Faculty, Students, Parents and the Academics (domestic and international).

The details of seed money provided to teachers for research

S.No.	Name of Principal Investigator	Title of Project	Duration of Project	Amount Granted for Project	Granting Organization
1	Dr. Syed Shahid Mazhar	"Impact of Microfinance in generating alternate livelihood among economically backwards households in Uttar Pradesh"	2 years	1,08,000	Integral University
2	Dr. Farhina Sardar Khan	Effect on Green HRM Practices on Employees Efficiency and Sustainable Organizational Growth: With Reference to the Educational Institutions in Lucknow	2 years	1,08,000	Integral University

Detail of teachers received National/International Fellowship/Financial support by various agencies for advanced studies/research. (July 01, 2021 to June 30, 2022)

S.NO	Session	Name of Teacher	Name of Programme/Membership with Professional Body	Amount In INR	Dates
1.	2020-21	Dr.Adeel Maqbool	Membership of Indian Accounting Association	500	25/03/2021
2	2020-21	Malik	Lucknow Management Association (LMA)	5900	27/03/2021
3	2020-21	Amit Kumar Goel	Indian Accounting Association	500	28/03/2021
4	2020-21	Mohd Ariz Siddiqui	Indian Accounting Association	500	28/03/2021
5	2020-21	Dr. Habibuddin	IAA	500	28/03/2021
6	2020-21	Dr. Yasir Arafat Elahi	Indian Accounting Association	500	29/03/2021
7	2020-21	Dr. Gaurav Bisaria	Indian Accounting Association	500	19/03/2021
8	2020-21	Dr. Firoz Husain	LMA Lifetime Membership	5900	04/01/2021
9	2020-21	Dr. Zain Mehdi	Indian Accounting Association	500	04/01/2021
10	2020-21	Mr. Shadab	Indian Accounting Association	500	04/01/2021
11	2020-21	Dr. Uzmi Anjum	Indian Accounting Association	500	04/03/2021
12	2020-21	Dr. Kainat Akhtar Usmani	Indian Accounting Association	500	04/08/2021
13	2020-21	Nazia Akhlaq	AIMA	1888	04/08/2021
14	2020-21	Dr. Moiz Akhtar	Indian Accounting Association	500	05/10/2021

S.NO	Session	Name of Teacher	Name of Programme/Membership with Professional Body	Amount In INR	Dates
15	2020-21	Dr Syed Shahid Mazhar	Indian Commerce Association	5000	06/06/2021
16	2020-21	Shahab Ud Din	Indian Accounting Association	500	06/07/2021
17	2020-21	DR ASMA FAROOQUE	Lucknow Management Association	5900	06/08/2021
18	2020-21	Divesh Dutt	Indian Accounting Association	500	06/09/2021
19	2020-21	Farheen Siddiqui	Indian Accounting Association	500	06/10/2021
20	2020-21	Ehsanul Haque	Indian Accounting Association	500	06/10/2021
21	2020-21	Rizwana Atiq	LMA	3000	06/10/2021
22	2020-21	Rizwana Atiq	LMA	3000	06/10/2021
23	2020-21	Dr. Abdul Tayyab Khan	Lucknow Management Association	2950	06/11/2021
24	2020-21	Dr. Syed Afzal Ahmad	Lucknow Management Association	2950	14/06/2021
25	2020-21	Shariq Nadeem	Indian Accounting Association	500	17/06/2021
26	2020-21	Orooj Siddiqui	Orientation Program	1500	16/07/2021
27	2020-21	Dr. Abdul Tayyab Khan	Life Time Membership Lucknow Management Association	3000	19/08/2021
28	2020-22	Mr.Shadab Ahmad	Indian Accounting Association	500	07/08/2022
29	2020-22	Mr. Devesh Dutt	Indian Accounting Association	500	07/08/2022

Workshop/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development

S. No.	Name of the Organizing Department	Workshop/ Seminar/ Guest Lectures	Workshop/ Seminar / Guest Lecture Title	Workshop/ Seminar Time Period
1.	Commerce and Business Management	Seminar	The Best practices in Research & Research Article writing	16.06.2022
2.	Commerce and Business Management	Webinar	Skill development program on Writing Dissertation/Summer Training Projects	19.05.2022
3.	Commerce and Business Management	Guest Lecture	Financial Awareness in association with Bajaj Finserv	13.04.2022
4.	Commerce and Business Management	Seminar	One Day E-Seminar on "Research projects, Grants and Consultancy"	23.04.2022
5.	Commerce and Business Management	Workshop	One-Day Workshop on Introduction to Meta-Analysis	28.04.2022
6.	Commerce and Business Management	Workshop	Four Day Online Employability Training Workshop	7.03.2022 to 10.03.2022
7.	Commerce and Business Management	Guest Lecture	Gender Equality Today for Sustainable Tomorrow.	08.03.2022
8.	Commerce and Business Management	Guest Lecture	9 Strategies for setting Goals	21.02.2022

S. No.	Name of the Organizing Department	Workshop/ Seminar/ Guest Lectures	Workshop/ Seminar / Guest Lecture Title	Workshop/ Seminar Time Period
9.	Commerce and Business Management	Workshop	Four Day Online Employability Training Workshop	7.03.2022 to 10.03.2022
10.	Commerce and usiness Management	Seminar	Webinar on India's Budget 2020: Economy vs Finance in Global Pandemic	06.02.2021
11.	Commerce and Business Management	Workshop	Two Day Workshop on Intellectual Property Rights under Industry Academia Initiative	12.03.2021 to 13.03.2021
12.	Commerce and Business Management	Seminar	Seminar on Environmental Awareness	04.12.2021
13.	Commerce and Business Management	Seminar	Seminar on International World Environment Day	06.05.2021
14.	Commerce and Business Management	Seminar	Webinar on Career Opportunities in ACCA	09.07.2021
15.	Commerce and Business Management	Seminar	Webinar on Tourism & Covid Road to recovery.	03.07.2021
16.	Commerce and Business Management	Seminar	Webinar on Academic leadership Institution building	12.07.2021
17.	Commerce and Business Management	Seminar	Seminar on Skills for Emerging Opportunities in the Field of Accounting & Finance	10.08.2021
18.	Commerce and Business Management	Seminar	seminar On Corporate Social Responsibility (CSR) & Social Enterprise	21.08.2021
19.	Commerce and Business Management	Seminar	Seminar on MISSION SHAKTI	25.09.2021
20.	Commerce and Business Management	FDP (One week online)	One Week Online Faculty Development Program on "Scholarly Writing and Publishing Research Paper"	From 9 March to 16 March,2022
21.	Commerce and Business Management	Two Week Online Quality Improvement Program(QIP)	Two Week Online Quality Improvement Program on "Research Methodology & Data Analysis"	From 26 July to 10 August 2021

Extension Activity 1

An extension activity was conducted by the Department in collaboration with Rajiv Gandhi Mahila Vikas Pariyojana (NGO) on FINANCIAL INCLUSION OF RURAL AREA THROUGH WOMEN on November 13th, 2021. The activity was held at Dasauli Village, Kursi Road, to know the awareness and financial literacy level of the rural population living there, especially women. The activity intended to sensitize and educate rural women about the common financial information, help and support provided by the Government, Banks and Small Help Groups and NGOs to the rural population.

Extension Activity 2

Faculty of Commerce and Management organized an Extension activity in association with Ahsaan Foundation, Lucknow on the occasion of International Women's Day on 7th March 2022 to create awareness about the health issues among women in rural areas.

MoU with the Collaboration of National Academic and Research Institution Bajaj Finserv for the Session 2021 - 22.

Students' progression and placements. (July 01, 2021 to June 30, 2022)

Progression Data		Placement Data	Number of students
1. UG to PG	**99 students**	1.MBA	63
2. PG to PhD	**04 students**	2.B.Com	37
		3.M.Com	04
		4.BBA	32

Gandhi Ji & Shastri Ji Jayanti Celebration

2nd October, 2022

The Faculty of Commerce & Management, Integral University, Lucknow, has celebrated the birth anniversary of great leaders of the nation, Mahatma Gandhi Ji and Lal Bahadur Shastri Ji on 2nd October, 2022.

The Gandhiji and Shastri ji Jayanti function started with garlanding and offering of flower petals by Prof. T Usmani, Dean Faculty of Engineering and Technology, Prof. A.K.Saxena, Dean Faculty of Commerce and Management, Dr.Syed Shahid Mazhar, Head Department of Commerce and Management, along with the Faculty members and staff of the Department.

Prof A K Saxena, illuminated all the faculty members by sharing the contribution & sacrifices extended for the nation by the two prominent leaders of the nations. The event was graced by the presence of Prof T. Usmani who shared his perspectives about the role of Mahatma Gandhi Ji & Lal Bahadur Shastri Ji for nation building, and on the historical events held during the partition phase. Dr. Syed Shahid Mazhar, shared his thoughts & views on the occasion and emphasized more on the economic freedom, growth and development we enjoy today just because of the sacrifices these two leaders have done for the nation. Mr. Ehsanul Haque, Assistant Professor in the Department shared some interesting and inspiring facts about Bapu's Life and his popularity worldwide.

Dr. Gaurav Bisaria, Assistant Professor, organised the event successfully and also shared two very motivating incidents about both the leaders. He also extended the vote of thanks. The event ended with the National Anthem followed by sweets distribution.

The entire event was very well coordinated by the 'Event Committee' of the Department which consists of Dr. Gaurav Bisaria, Dr. Farhina Sardar Khan, Dr. HabibUddin, Mr. Ehsanul Haque.

Online Seminar was organized by the **Faculty of Commerce and Management**, on the topic **"HOW TO BE A PROLIFIC SCHOLAR"**, September 23, 2022, from 09:30 am onwards through the online platform Google Meet under the guidance of Prof. A .K. Saxena Dean, FCM and Dr. S. S. Mazhar, Head, DCBM. The eminent speaker for the session was Dr. James Gaskin, Associate Professor of Information Systems, Brigham Young University in Utah, USA. Prof. A.K Saxena welcomed the eminent speaker and audience in the online seminar**.** The objective of the Seminar was to encourage scholars to develop the habit of writing and organizing around key sentences, to help scholars become better and more productive researchers. He is probably better known outside of his own field for maintaining the StatWiki and associated YouTube channel **"Gaskination"** which has millions of views on hundreds of statistics video tutorials.

The speaker explained that some academics seek the assistance of educational developers to improve as better, more productive writers. Some students struggle with productivity. He further explained how the lack of productivity has detrimental effects on the development of professions and knowledge.





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





Dr. H.M. Arif, Head, Department of Languages, Integral University

Department of Computer Science & Engineering

> "Computer science empowers students to create the world of tomorrow."
>
> - Satya Nadella

Road Safety Awareness



The Department organized Sadak Suraksha Jagrukta Rally on 21/05/2022, from Pahadpur to Tedhi Puliya . Around 30 students from different branches along with NSS coordinators came together with banners and posters to extend the awareness of road safety in surrounding areas. Some handouts with slogans on road safety in Hindi and English were also distributed to vehicle drivers. Students also talked with pedestrians and street vendors to convince them to follow the traffic rules in order to minimize the number of road accidents.

Python: Tools and Project Development

The Department organized a Departmental Internship Program in a blended mode titled: "Python: Tools and Project Development" from 09th April 2022 to 7th May, 2022. This was a step by step practical course where students learned how to design the layout and develop the functionality of 10 unique, engaging and useful Python Desktop Applications.

In this program, students worked on the following Projects : Talking Dictionary, Smart Scientific Calculator, Master Typing, Text Editor, Restaurant Management System, KBC Quiz Game, Email Sender Application, Student Management System with MYSQL, Space Invader Game ,Login and Registration System with MYSQL, etc. The alumnus of B.Tech. CSE , 2018 batch, Mr. Faizan Khan was the instrumental in the process. He is a Software Engineer in Tata Consultancy Services (TCS).

Green Corner At Home

The Student Welfare Committee (SWC) of the Department organized an extension activity on the theme "Green Corner at Home" on 25th April, 2022. The students showcased their creativity for plantation and participated with full zeal and enthusiasm making the event a success.

Quiz Series

The Competitive Exams Preparation Committee (CEPC) of the Department organized a Quiz Series to support the students preparing for the various competitive exams like GATE, UPSC, and PSUs.

CSV02 - Ethical Hacking (RUN-2)

The DQAC organized an online Value-Added Course on "Ethical Hacking (CSV02)".

The Two-week Value-Added Course, with 30-hours of active engagement, was organized from 2nd April - 24th April 2022 in online mode. This Value-Added course enabled students to understand the concepts of Ethical Hacking and its phases of hacking along with the objective of providing in-depth knowledge on web application vulnerabilities and exploitation techniques.

Recent Technologies: Lot, Data Sciences & Cloud Technology

The Student Welfare Committee (SWC) of the Department organized a poster making competition on the theme "Recent Technologies: IoT, Data Sciences & Cloud Technology" on 13th April, 2022. Around 35 participants from the Department of Computer Science participated in the event out of which the panel of judges chose the best three entries.

Fire & Life Safety Training

The Departmental Assets Optimization & Management Committee of Computer Science & Engineering organized Fire & Life Safety Training on 11th April, 2022 . This training was designed to raise awareness for fire hazards in the workplace and how to act safely in the event of an emergency fire situation, including selection and use of the correct fire extinguisher.

Analytic and Data Learning Case Studies & Best Practice

The Department in collaboration with the Department of Computer



Applications, Integral University, Lucknow organized a One-Day International Seminar on "Analytic and Data Learning Case Studies & Best Practices" on 31st March, 2022 in the Central auditorium.



Free Software and Resources for Technical Education (ICT-175)

The Human Resource Development Centre, Integral University, Lucknow, is a remote center of the Ministry of Education, Government of India's National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh. Being a Remote Centre, a Five-Day Short-Term Course / FDP through Information and Communication Technology (ICT) on "Free Software and Resources for Technical Education (ICT-175)" was jointly organized by Human Resource Development Centre and Department of Computer Science & Engineering, from 21st to 25th March, 2022 .

Business Design Contest "CREO" (I-Think, I-Believe)

The Department organized a thrilling business design contest "CREO" (I-Think, I-Believe) on 10th March 2022.

Treasure of Code

A Technical online event on "Treasure of Code" was organized by the Technical Committee, Department of Computer Science & Engineering, on 20th February 2022. The coding contest provided the opportunity to analyze programming skills and proficiency of the participants.

Celebrating The Rivers of India

The Ministry of Education National Mission for Clean Ganga (NMCG) celebrates Ganga Utsav every year to mark the anniversary of announcement of River Ganga as the 'National River' i.e. 4th November. "Ganga Utsav 2021 - The River Festival". The celebration this year was a part of the ongoing celebrations for 75 years of Independence and Azadi ka Amrit Mahotsav. As Ganga Utsav activities were planned in 150 Districts across the country as part of 'Azadi Ka Amrit Mahotsav'. The Department celebrated 75th year of independence as "Azadi Ka Amrit Mahotsav" and organized a painting competition on the theme "Celebrating the Rivers of India" on 23rd December, 2021.

Voter's Awareness Campaign & Professional Development Program on "Technology, Pedagogy and Research"

A Two-Week Professional Development Program was organized by the Department "Technology, Pedagogy and Research" from 25th November to 8th December 2021.

The objective of the PDP was to promote knowledge exchange between academia and industry, and to strengthen the cooperation and transfer of innovations from research labs into industrial exploitation

Artificial Intelligence & Machine Learning with Data Science

Realizing the need of alumni interaction and interest of the students in novel concepts of Artificial Intelligence & Data Science, the DQAC of the Department in association with Innovitt Global, organized an online Alumni Interaction & Webinar on the topic, "Artificial Intelligence & Machine Learning with Data Science" on Saturday 11th September 2021

Rashtriya Ekta Diwas

Integral University observed the Rashtriya Ekta Diwas with the primary aim of sensitizing the students about the philosophies, principles and ideas of Sardar Vallabh bhai Patel.

The Department organized a speech on the achievements and contribution of 'Sardar Vallabh Bhai Patel' on 29th October 2021



Department of Computer Application

> "Whenever you want to uncover the secret of this universe, or you want to pursue a career in 21 century, basic computer programming is an essential skill to learn."
>
> -Stephen Hawking



CA Girls Basketball Team receiving runner-up trophy from the Hon'ble Chancellor, Prof. S.W. Akhtar and the Chief Guest Dr. N.C. Prajapati, Director General, Medical Education, Government of Uttar Pradesh.



CA + AG Cricket Team receiving winner's trophy from Hon'ble Chancellor, Prof. S.W. Akhtar and the Chief Guest Dr. N.C. Prajapati, Director General, Medical Education, Government of Uttar Pradesh.

The Department engaged in the activities as follows:

Webinar on "Cyber Security Awareness And Current Trends For Defense" on Wednesday, 1st June 2022:

Dr. Asad Malik, Assistant Professor, Department of Computer Science, Aligarh Muslim University (AMU), Aligarh, India was the resource person at the occasion and he focused on cyber security awareness that occurs as a result of human interactions and current trends of defence against cybercrime that make social life so dangerous.

Webinar on "How to avoid Social Engineering Attacks" on Wednesday, 4th May 2022:

The event was organized to enhance awareness about the attacks involving social engineering and the way to avoid them. The guest speaker of webinar was Dr. Rajeev Srivastava, Associate Professor, Department of Computer Science & Engineering, BBD University, Lucknow. Dr. Muhammad Kalamuddin Ahmad, Associate Professor and Mr. Sudheer Kumar Singh, Assistant Professors coordinated the event successfully.

Webinar on "Future of Blockchain and Cryptocurrency" in association with Crypto University-The First Virtual University :

Blockchain has become the standard and perfect technology for delivering and distributing this information in the easiest way because it provides instant, mutual and entirely crystal clear information stored on an immutable ledger that can be accessed only by consented network members. The webinar was co-ordinated by Dr. Sandeep Kumar Nayak, Associate Professor, Department of Computer Application. The speakers invited for the webinar were Mr Ajoy Pathak who is a Digital Assets and Blockchain enthusiast and has been in Cryptocurrency learning and education space since 2017 and Mr. Devesh Chawla who is an ingenious strategist, a mentor, TEDx speaker, an investor and an efficient leader.

Webinar was organised on "Concept and Use of Cyber Hygiene in Daily Life"

The speaker was Dr. Rifaqat Ali, Assistant Professor, NIT, Hamirpur. He discussed about the "Role of Cryptographic Techniques to Defend Modern Security Threats" to the digital world. The webinar had a good response, with 259 participations from students, faculty, and other staff from different colleges and universities. Mr. Mohd. Haleem and Dr. Ahmad Neyaz Khan, Assistant Professors has coordinated the event successfully.

Webinar on "#BeCyberSafe"

The event saw an overwhelming response by 326 registrations from various colleges/universities of India. The objective of this webinar was to make the participants acquaint with the prevailing cyber security threats and educate them about the safety and security measures to adopt while using the internet and various applications. The webinar speaker Mr. Anshul Pandey is the CEO & Founder of Euinac Technologies. The webinar was successfully organized by Dr. Tasneem Ahmed, Assistant Professor and Ms. Nashra Javed, Assistant Professor.

National Cyber Security Awareness

A national seminar on "Cyber Swachhta Abhiyan" was organized on 30th October 2021, in the central auditorium of the university. The Chief Guest of the event was one of the renowned IPS officers, Prof. (Dr.) Triveni Singh, Superintendent of Police, Cyber Crime, Uttar Pradesh, and Dr. Pramod Dixit, Director, Ostrian Infotech LLP, Former Dy. Director, PNBIIT as Technical Expert. The Department also organized an e-Quiz on cyber security awareness "Cybernetics" on 26th October 2021. In total, 313 students took part and Mr. Moazzam Ahmad Khan from BCA Second Year was the winner for the same. Furthermore, a "Cyber Security Slogan Writing Competition" was held on 28-29th October 2021. The total number of participants in this competition was 135 from different courses. Mr. Tribhuwan Raj from MCA Second Year was the winner with his most unique slogan: "Click with your eyes instead of the

mouse, whenever you are at a Cyber house". In continuation to this, the faculty members and students were invited to participate in the "Cyber Swachhta Quiz" and subsequently received an e-Certificate from the department.

Two-Week Blended Faculty Development Programme on "Next-Gen Computing Technologies"

All the FDP related activities like e-content, quizzes, and assignments were effectively well-coordinated by the Organizing Committee Members: Dr. Mohd. Waris Khan, Mr. Malik Shahzad Ahmad, Dr. Ausaf Ahmad, Dr. Asif Khan and Mr. Mohd. Faizan. Overall, FDP management was artfully administered by FDP Coordinators: Dr. Sandeep Kumar Nayak, Dr. Tasneem Ahmed, Ms. Nashra Javed, and Mr. Farooq Ahmad.

WORKSHOP

Two-Day Workshop on "SQL from Scratch" in association with Integral University Center for Advanced Training (IUCAT):

The workshop had interactive sessions, with 4-hours of active engagement, was organized from 27th May to 28th May 2022, in face-to-face mode.

IUSS Donation Drive during Fiesta 2022,

The primary objective of organizing these donation drives every year during Fiesta is to bridge the gap between people willing to aid the less fortunate and those in positions of necessity. Community work facilitates and fosters partnerships within communities at the regional level to achieve Social Development Goals.

Extension Activity on "National Technology Day"

The Department organized an Outreach/Extension Activity with the students of U.P.S. Thakuramau, Barabanki. An interactive session was conducted by the faculty members and a group of students for spreading the knowledge of technology and its repercussions among more than 100 students of different ages and backgrounds. The extension activity was conducted under the supervision of Mr. Anwar Bari and Dr. Ausaf Ahmed, Assistant Professors.

Blanket Distribution Drive to a nearby village, "Paikramau"

A team of four faculty members, Ms. Nashra Javed, Dr. Divya Rajkumar Panjwani, Dr. Sheeba Praveen and Dr. Mohd. Akbar, along with ten student volunteers went for the Blanket Distribution Drive to a nearby village, "Paikramau" on 11th January 2022 as a part of fulfilling social responsibilities for communities living around our university. With blanket distribution drive, many poverty-stricken families received the benefits that would eventually help them amid the cold and chilling winter.

Extension Activity on "Cyber Saksharta Abhiyan"

The Department organized a Cyber Saksharta Abhiyan as its Outreach/Extension Activity in two of the Government Primary Schools on 23, December 2021, situated at the nearby villages, Panri and Meernagar under Nindura Block, District Barabanki in the interest and betterment of the students attaining their elementary education there. Under this Cyber Awareness Campaign, a brief awareness talk was delivered by the faculty members and a group of BCA, MCA students based on some real-world case study.

Fiesta Accolade

The students of the Department of Computer Application students shown incredible performance in sports during Fiesta 2022 and the department is proud of their achievements.

Value Added Course (CAV-21-02) on "Introduction to Cloud Computing with Microsoft Azure"

Total 102 students attended the paid course. The entire course sessions of the batch were successfully delivered by an External Trainer Mr. Khalid Jamal (Azure/AWS Certified Trainer).

Guest Lecture on "Modern Network Security Threats"

Mr. Aftab Alam Abdussami, from King Abdul-Aziz University, Jeddah, KSA, was the invited speaker for the guest lecture. The program had a good response, with more than 100 participants from students, faculty, and other staff. Mr. Mohd. Haleem and Mr. Sudheer Kumar Singh, Assistant Professors coordinated the event successfully.

Poster Making Competition on **"Internet Ethics, Internet Addiction,** ATM scams, Online Shopping Threats, Lottery Emails/SMS, Loan Frauds" on Wednesday, 6th April 2022 : The total number of participants was 120 from the university. The winners were First position Swati Singh (B.P.Th), Seond position Md. Arshad (B.Tech.-ECE) and Third position Md. Shams Raza (BCA), Payal Yadav and Aafreen Fatima (B.Sc.(Hons)).

Tech Dose :

A Monthly Technical Magazine: The department has taken an initiative to put forth an idea to publish a monthly magazine about top trending updates occurring in the information technology area.

Essay Competition on "Gender Equality"

The title selected for the competition was "Effective ways to fight gender inequality in modern society". A total of 38 students from various departments participated in the competition and.

Cyber Awareness Slogan Writing Competition on the theme "Forgery and Fraud from Mobile Devices"

Open Mic 2K21. This event provided an opportunity to students to showcase their talent and polish their skills in front of an audience from different academic disciplines..



Center for Career Guidance & Development (CCG&D)

"A person going nowhere can be sure of reaching his destination. Take the first step in faith. You don't have to see the whole staircase - just take the first step."

-Martin Luther King, Jr.



Major Activities

International Workshop on "Stress-Management Virtual Resiliency During COVID-19" By FPT Education Global, FPT University, Vietnam Speakers 1) Mr. Phuc Nguyen - Leading Expert on Mindful Self-Compassion (Vietnam), 2) Mr. Duy Doan - Meditation Practitioner and Coach of Mindfulness and Compassion (Vietnam) on Friday, 05th November 2021 for All Courses (All Branches) - 2022 / 2023 Batch (Final / Pre final year) students

Virtual Career Guidance Session on "Career Opportunities in AI & ML" By Dr. Siddharth Chaurasia - Senior Scientist - TCS on Wednesday, 24th November, 2021 for B. Tech (CSE) / MCA 2022 & 2023 (Final & Pre-final Year students).

Barclay's Connect with work (Barclay's CSR initiative)

A Four- Day employability training program for final year female students by Barclay's on 08th to 11th December 2021 for B. Tech (CSE / ECE) / BCA / MCA - 2022 Batch students.

Guidance for Competitive Exams for SSC-CGL

CCG&D organised this program on 12th May 2022, for B. Tech (EE) 2023 & 2024 (2nd / 3rd year) students and on 13th May 2022, for B. Sc. (PCM / PMCS / PME) / M.Sc. (Maths / Physics) 2022 & 2023 (2nd / 3rd year) students.

Career Guidance & Motivational Program for Civil Service Examination

The lecture was delivered by Dr. Chandrabhan Singh - Alumni of IIT - Kharagpur on 16th May 2022 for B.Tech / BBA / BCA / B.Com / B. Sc. 2022 & 2023 batch Final & Pre-final year students.

One-Day Workshop on Fusion 360

AUTODESK Inc under its Educational Engagement Program organized a One-Day workshop on 21st April 2022 on Fusion 360, a cloud-based CAD / CAM / CAE technology, for the nominated Faculty & select Students of Mechanical Engineering.



Panasonic Life Solutions India (Formerly known as Anchor Electricals Pvt. Ltd.).Electricians Training.

CCG&D under its Consultancy initiatives, organised to train over 100 electricians in Lucknow, in about 3-4 batches of about 25 each. This was jointly organized along with the Electrical department of the University Polytechnic. The first batch in the series was scheduled on 23rd April 2022.

Online Training Session on Website Designing with 5 International Universities. These include Tashkent Chemical-Technological Institute, Tashkent, Uzbekistan, Almaty University of Power Engineering and Telecommunications Almaty, Kazakhstan, Almaty State Collage of Energy & Electronics, Kazakhstan, Online Session on Website Designing with 5 International Universities namely Tashkent Chemical-Technological Institute ,Tashkent, Uzbekistan, Almaty University of Power Engineering and Telecommunications Almaty, Kazakhstan, Almaty State Collage of Energy & Electronics, Kazakhstan, Prime University, Dhaka, Bangladesh and FPT University, Hanoi, and Vietnam.

"Gallbladder Stone Diseases & their Operative Treatment"

An Online Lecture Session by Prof. Surya Kumar Singh - Surgery Department - IIMSR for the medical students of Termez branch of the Tashkent Medical Academy, Uzbekistan on Tuesday, 07 June 2022.

Bosch and Integral University - Skill Entrepreneurship Activity

The skill entrepreneurship program was conducted by Integral University in collaboration with Bosch. The aim of the program was to train individuals and motivate them to open their skilling centers where they can train and provide employment to students who are not highly educated.

CCG&D, Integral University, tied up with Panasonic Life Solutions India. (Formerly known as Anchor Electricals Pvt. Ltd.) for their internal training. Panasonic Life Solutions under its development initiatives plans to train over 100 electricians in Lucknow.

The training was divided into a theory session followed by the Practical sessions which involved Hands-on Overload Tests, Short Circuit Tests, Earth Leakage and Voltage Test as mandatory tests and ACCL Test on Generator Phase and Selector & Bus Bar tests as optional tests. The faculty members & staff of the Electrical Department, University Polytechnic handled the entire training program very diligently.

Activities details

1 International Workshop on "Stress-Management Virtual Resiliency During COVID-19" By FPT Education Global, FPT University, Vietnam Speakers 1) Mr. Phuc Nguyen - Leading Expert on Mindful Self-Compassion (Vietnam), 2) Mr. Duy Doan - Meditation Practitioner and Coach of Mindfulness and Compassion (Vietnam) on Friday, 05th November 2021 for All Courses (All Branches) - 2022 / 2023 Batch (Final / Pre final year) students

2 Virtual Career Guidance Session on "Career Opportunities in AI & ML" By Dr. Siddharth Chaurasia - Senior Scientist - TCS on Wednesday, 24th November 2021, for B. Tech (CSE) / MCA 2022 & 2023 (Final & Pre-final Year students).

3 Barclay's Connect with Work (Barclay's CSR initiative) A Four Day employability training program for final year female students by Barclay's on 08th to 11th December 2021 for B. Tech (CSE / ECE) / BCA / MCA - 2022 Batch students.

4 Guidance for Competitive Exams for SSC-CGL by Team CCG&D on 12th May 2022 for B. Tech (EE) 2023 & 2024 (2nd / 3rd year) students and on 13th May 2022 for B. Sc. (PCM / PMCS / PME) / M.Sc. (Maths / Physics) 2022 & 2023 (2nd / 3rd year) students.

5 Career Guidance & Motivational Program for Civil Service Examination by Dr. Chandrabhan Singh - Alumni of IIT - Kharagpur on 16th May 2022 for B.Tech / BBA / BCA / B.Com / B. Sc. 2022 & 2023 batch Final & Pre-final year students.

Special Initiatives

1 A One Day workshop on Fusion 360 by AUTODESK Inc Autodesk under its Education Engagement Program organized a One Day workshop on 21st April 2022 on Fusion 360, a cloud-based CAD / CAM / CAE technology, for the nominated Faculty & select Students of Mechanical Engineering.

2 Panasonic Life Solutions India (Formerly known as Anchor Electricals Pvt. Ltd.).Electricians Training. CCG&D under its Consultancy initiatives, plans to train over 100 electricians in Lucknow in about 3-4 batches of about 25 each. This was jointly organized along with the Electrical department of our Polytechnic. The first batch in the series was scheduled on 23rd April 2022



Prof. Monowar Alam Khalid, Chairman, Task Force, NEP-2020



Dr. Dinesh C. Sharma, Expert ABACUS-UP

Integral University welcomes-Shri Girish Chandra Tripathi

Hon'ble Chairman, U.P. State Higher Education Council



Prof. S.W. Akhtar, Founder & Chancellor welcoming the Guest









Hon'ble Vice Chancellor with the Guest







> "Chemistry begins in the stars. The stars are the source of the chemical elements, which are the building blocks of matter and the core of our subject."
>
> -Peter Atkins

Department of Chemistry

A Two-week Faculty Development Program

The Department of Chemistry organized a Two-Week Online Faculty Development Program on "Computational Tools for Drug Discovery: An Approach Towards Attainment of Sustainable Development Goals" from June 6-18, 2022.

The FDP was aimed at deciphering various computational tools and methodologies for their effective applications in drug design such as de novo design, molecular docking, molecular similarity calculation, and sequence-based virtual screening.

The Inaugural session was graced by the presence of Prof. G.P.S. Raghava, Head, Department of Computational Biology, Indraprastha Institute of Information Technology (IIIT), New Delhi. Prof. Raghava is a recipient of Shanti Swarup Bhatnagar Award in Biological Science, 2008 and Fellow of National Academy of Sciences (F.N.A.Sc). Prof Raghava captivated the participants during his session on Open source software and repositories for drug discovery. During the two-week program, reputed scientists and academicians from CSIR-CDRI, CSIR-CIMAP, Central Universities, IIIT, Allahabad and Monash University, Australia disseminated current knowledge on different computational aids and strategies useful for drug designing and discovery. For the valedictory session, Prof. Shandar Ahmad, School of Computational and Integrative Sciences, JNU, New Delhi was the keynote speaker.

Prof. Shandar Ahmad has received grants from various reputed national and international funding agencies. Prof. Shandar Ahmad shared his expertise on the topic AI and machine learning in biomolecular systems.

The conveners; Dr. Minaxi B. Lohani & Dr. Malik Nasibullah, co-conveners; Dr. Naseem Ahmad & Dr. Firoz Hassan and all the organizing committee members gave the significant contributions.

A Two-Week Professional Development Program (PDP)

The Department organized a Two-Week Online Professional Development Program on "Relevance & Protection of Intellectual Property Rights" from 08th to 22nd November 2021.

The PDP was intended to describe "Intellectual Property". The IP plays a significant role in the profession, employment, and skill development of the nation. In this digitized world, especially in developing countries like India, their views have a greater risk of original inventive ideas being embezzled, devoid of the approval of the author. The requirement for a more robust IP has a global impact on a specific nation's economy. Innovative and expert resources that are still accessible to the general public and easily replicable by anyone. Nowadays, the application and need for Intellectual Property Rights (IPRs) are in demand, but very limited gatherings have information about it, and most needy people have very limited information about IPRs.

The inaugural session was graced by the presence of Prof. Tufail Ahmad Khan, HoD of the School of Law, Presidency University, and Bengaluru. Prof. Tufail has twenty years of academic and two years of industrial experience. Vice-Chancellor of GD Goenka University, New Delhi, Prof. Tabrez Ahmad Khan, delivered the closing remarks. The program ended by the vote of thanks by Dr. Minaxi B Lohani to our valuable speakers and faculty coordinators, Dr. Naseem Ahmad, Dr. Quazi Inamur Rahman, and Dr. Iqbal Azad, for their extraordinary approach to successfully conducting this PDP.

Relevance & Protection of Intellectual Property Rights

The Department organized a Two Week Professional Development Program (PDP) on "Relevance & Protection of Intellectual Property Rights" from 08th to 22nd November 2021. The faculty coordinators for the program were Dr. Naseem Ahmad, Dr. Qazi Inamur Rahman, and Dr. Iqbal Azad.

The Faculty members of various Departments, research scholars, students, and alumni actively participated in the program.

PDP Highlights:

Two sessions were organized per day.

62 hours of online active engagement through content-based learning on Google meet.

Participants were from different states across India and from Saudi Arabia and Germany.

The inaugural session was held on 08th November, 2021 which started with the welcome address delivered by Prof. Abdul Rahman Khan, Dean, Faculty of Science & HoD, Chemistry, Integral University, Lucknow. It was followed by a keynote lecture on the topic "Introduction of Intellectual Property Right (IPR): the rules and regulations related to the IPR" by Prof. Tufail Ahmad Khan, Head of the School of Law, Presidency University, Bengaluru. He shared his expertise on the "Intellectual Property Right" (IPR) and explained multiple delusions associated with intellectual property and also familiarized the participants with the rules and regulations related to the IPR. The next session was led by Ms. Aparna Shukla, Assistant Professor, IPR Cell, Presidency University, Bengaluru. She gave an interesting background to the emergence of IPR and how developed countries have used the concept of IPR to their advantage and also to exert intellectual dominance over developing countries. The Session ended with a vote of thanks by Dr. Qazi Inamur Rahman.

"Education makes a people easy to lead, but difficult to drive: easy to govern, but impossible to enslave."

-Henry Peter Brougham

XIII Integral University Convocation



Form Left: Dr.Syed Nadeem Akhtar, H.E. Mr. Ahmed Sule, Prof. S.W. Akhtar, Padma Bhushan Rajendra Singh Paroda and Prof. Javed Musarrat,

The XIII Integral University Convocation was held on November 29 th 2021, on the University lawn. Padma Bhushan Rajendra Singh Paroda, Chairman of TAAS, New Delhi, graced the occasion as a Chief Guest of the event. Padma Bhushan Dr. Rajendra Singh Paroda, delivered the Convocation address and congratulated the degree holders , wishing them best for their future endeavors. He also appreciated the name of Integral University as it symbolizes the integration of society, religions and and culture. Convocation was held with a full house of students and faculty dressed in their traditional robes. It was set in motion by the melodious University Tarana.

Prof. S.W. Akhtar, the founder and chancellor of Integral University, took the stage to welcome the dignitaries from all corners of India and some special guest from abroad. He congratulated and praised the students, saying that Convocation Day is a very very special day for their entire life. It marks a phase of harmony and peace in diversity. Dr.Syed Nadeem Akhtar, Pro-Chancellor addressed the University and described the growth of Integral University and was very glad after seeing the dedication and hard work of students. He motivated the students for their successful future. Prof. Javed Musarrat, Vice- Chancellor, Integral University, announced the academic session results, citing Integral University's history of academic and social excellence. He claimed that Integral University has achieved phenomenal growth in the past few years. It is one of the top-most universities which provide higher education and mutual tolerance scholarship.

H.E. Mr. Ahmed Sule, High Commissioner of the Federal Republic of Nigeria to India, delivered the Convocation address. Dr. Rajendra Singh Paroda, Padma Bhushan and Chairman of TAAS, New Delhi, graced us with his presence and

addressed the students and alumni.

Mr. Ahmed Sule motivated the students by saying that students shouldn't give up and keep pushing themselves to achieve high levels of success. Mr. R.S. Paroda congratulated the management for naming Integral University because it symbolizes the integration of society in India. Convocation is an important event in which the university recognises its graduates' achievements. Mr. Jayant Krishna, Chief Executive Officer (CEO), Foundation for Advancing Science and Technology, and Mr. Ravi Bhatt, an internationally acclaimed historian of Awadh, India, both received Doctor of Letters (Honoris Causa) Degree of D. Lit.) from the University.

Madhurima Gupta (M.tech (Electronic circuits and systems) and Fariha Fatima (B.Tech Computer Science & Engineering) were the University top scorers. The total number of degrees conferred was 3095, including 33 PhDs, 628 PGs, 2218 UGs (including 42 MBBS students), and 216 Diplomas. Top performers in all Departments received 73 Gold and 72 Silver medals. Throughout the programme, students, families, faculty, and staff at the University felt a sense of accomplishment and pride.

The event concluded with a ray of hope and joy that will no doubt inspire Integral University students and faculty in the coming years. Registrar, Mr. Haris Siddiqui proposed a vote of thanks to all the staff, students, a media



Dr. Rajendra Singh Paroda, Padma Bhushan and Chairman of TAAS, New Delhi

panel and governing bodies for always being a good support the system. Following the Convocation, the University hosted an All India Mushaira titled: Shaam-E-Integral, which began at 3 p.m.

The Instructional Farm (Unit-6), NADEP, Azolla and Vermicompost units of the Integral Institute Agricultural Science and Technology was inaugurated by the chief guest Padma Bhushan Dr. Rajendra Singh Paroda, Chairman of TAAS, New Delhi and H.E. Mr. Ahmed Sule, High Commissioner of the Federal Republic of Nigeria to India in the gracious presence of Prof. S.W. Akhtar on this momentous occasion of Convocation.



H.E. Mr. Ahmed Sule, High Commissioner of the Federal Republic of Nigeria to India



Mr. Jayant Krishna, Chief Executive Officer (CEO), Foundation for Advancing Science and Technology,



Communal Harmony Week

The National Foundation for Communal Harmony (NFCH) under the Ministry of Home Affairs, instructed institutions all over the country to observe Communal Harmony Campaign Week from 19.11.2021 to 25.11.2021.

The NFCH observes the communal harmony campaign week every year for achieving the objectives of undertaking various promotional activities for spreading the message of Communal Harmony and National Integration and to raise funds through voluntary contribution for providing assistance to the children rendered orphans and destitute in communal riots.

Communal Harmony Campaign Week

Integral University observed "Communal Harmony Campaign Week" from 19th to 25th November, 2021 and concluded it as "Flag Day" through distribution of "Flag Stickers" on 25th November, 2021 at its campus (Near Central Canteen) to promote communal harmony and national integration for spreading the message of peace and harmony. The message 'Communal Harmony and National Integration' has been announced through the sound system in the university which enabled all students of the college to understand the relevance of the theme.

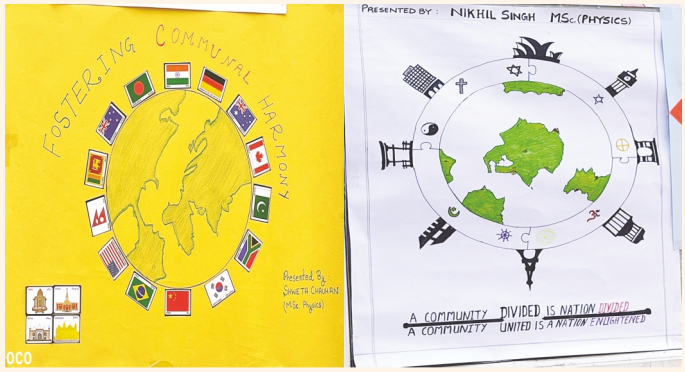
For the effective conduct of the programme, Dr Seema Srivastava, Head, Department of Physics was assigned as faculty coordinator. Enthusiastic students approached the university management, faculty and staff for voluntarily raising the funds. Various Departments of the university organized a number of departmental events. Few such events were organized by Departments of Physics, Architecture, Design, English Dept of University Polytechnic, Faculty of Education, Humanities etc. Various events/competitions organized were : Poster Presentation, Poem, Essay writing, debate, Slogan writing competitions, Headgear design, Tile Design and Face Painting Competitions, speech and poetry competitions etc.











Department of Civil Engineering

> " The road to success is always under construction."
>
> - Lily Tomlin

Online Guest Lecture

Er. Ravi Prakash Srivastava, Managing Director of M/s RPD Associates, Lucknow, delivered an inspirational lecture on "Entrepreneurship for Civil Engineer", organized by the Department of Civil Engineering, Integral University, Lucknow, on 28th July 2021 for Pre & Final Year Students. The Programme was hosted by Mr. Md. Sajid, Assistant Professor. Mr. Anwar Ahmad, Associate Professor, welcomed the speaker and introduced him to the students. Er. Ravi Prakash Srivastava introduced the different aspects of Entrepreneurship and emphasized that zeal and great ideas are the only ingredients in a recipe for a business startup. He mentioned the reason that people do not start their new venture in India because of non-awareness amongst the population of India and decide to go for jobs in private or government sectors so as to minimize the risk. Therefore, he emphasized raising the basic awareness of entrepreneurship concepts and to enable students to identify and learn how to make a mindset to take up Entrepreneurship as a challenging career. He emphasized four factors to get success in Entrepreneurship. They are mainly (i) teamwork (ii) productive knowledge (iii) value of time and (iv) cost of the project. He also explained in detail about GST and other related legal issues faced by entrepreneurs from time to time. He explained the various attributes of successful Entrepreneurship such as drive, communication skills and technical skills. He also discussed different IS codes and practical problems faced by the fresh engineers at the project site. The Programme ended with a vote of thanks proposed by Mr. Rajiv Banerjee, Associate Professor of the Department.

Site visit to (UPMRC), Kanpur Project

To explore the potential of the Academia-Industry mutually beneficial relationship including consultancy assignments, onsite training of students etc. The Department of civil engineering's envoy visited at Kanpur metro rail project director's office on 29.07.2021. The envoy also visited Kanpur metro stations, the Rolling stock depot of UPMRC, and the Casting Yard & quality control site office of Afcons (contractor for Kanpur Metro Project).

At the Project office, the team was welcomed by Project Director Er. Arvind Singh and Project Manager Er. S. C. Kanaujia. The discussions were held regarding prospective areas of cooperation and the following potential areas of consultancy were identified:

1. Chemical Analysis of reinforcing steel and coupler
2. Chemical Analysis of water used for construction
3. Compressive strength of concrete
4. Physical & Chemical analysis of course & fine aggregate

The envoy visited the QA/QC Laboratory of Afcons casting yard, wherein quality in-charge Er. Suman Biswas explained their procedure for maintaining the quality of U-Girder, I-Girder and Pier Cap.

The envoy visited under construction IIT Kanpur Metro Station, wherein Project Director Er. Arvind Singh explained the first ever use of 'Double T-Girder' in India.

The envoy also visited under construction rolling stock depot and observed the progress of the work.

The visit concluded with a positive node and both the parties agreed to enhance cooperation between UPMRC and Integral University on every possible front.

Lecture on Preparation of GATE and other Govt. Competitive Exam

The Department organized an Expert Lecture for Pre & Final year students on "Preparation of GATE and Other Govt. Competitive Exam" speaker for the day was Er. Mohd Monis Khan, Irrigation Department, Govt. of Uttar Pradesh. Mr. Khan got selected in GATE several times.

He delivered an inspirational lecture on "Preparation of GATE and Other Govt. Competitive Exam", held on 1st August 2021.Mr. Monis Khan started with the phrase "Be an early bird", there is not too early to start studying when it comes to preparation for the examination. By starting studies for GATE 2022 or other competitive exams, the student will have a lot of time to go through the syllabus and study each topic in detail.

Lecture on: Basics of Concrete Technology

The Department organized an online guest lecture on "Basics of Concrete Technology" on 07th August 2021 via online mode. Concrete is one of the most common materials used by the construction industry. Concrete is used for the construction of foundations, columns, beams, slabs and other load-bearing elements. Therefore, quality control is necessary at the time of mixing and placing. The expert, Mr. Nitish Gupta, has 20 years of experience in the industry and has worked across various parts of India. Currently, he is working as DGM in Heidelberg Cement India Ltd.

Mr. Nitish Gupta shared his experience with the students. He discussed

materials used for concrete preparation, types of cement and their uses, supply, storage, properties, sieve analysis, sand screening, washing plant, factors affecting saturation point, the benefit of admixtures, high-performance concrete, and threads to concrete and many more things.

Awareness Program on Rain Water Harvesting

Department organised Awareness Program on Rain Water Harvesting on 28th October 2021. The faculty coordinators for the program were Mr. Nusrat Ali, Mr. Mohd. Kashif Khan and Dr. Sabih Ahmad. Rainwater harvesting is the process of augmenting the natural filtration of rainwater into the underground formation by some artificial methods. "Conscious collection and storage of rainwater to cater to demands of water, for drinking, domestic purpose & irrigation is termed as Rainwater Harvesting. The students also visited various houses in the village to create awareness about the importance & conservation of water.

PDP on Quality Assurance Plan of Aggregate: Indian Standard Method from.

As concrete is essentially a mixture of aggregate, cement and water; its overall quality heavily depends on its constituent's material. As aggregate alone constitutes 70-80% of concrete, making it one of the most decisive elements for ensuring the quality of the mix. To make faculty members abreast with the latest developments, the Department of Civil Engineering, under the Aegis of Human Resource Development Centre & NEP Task Force, organized a Professional Development Program in "Quality Assurance Plan of Aggregate: Indian Standard Method", referring to the guidelines of IS 383: 2016, COARSE AND FINE AGGREGATE FOR CONCRETE - SPECIFICATION (Third Revision) and CPWD quality assurance guidelines 2019 from 01.11.2021 to 24.11.2021 (16 Days). In this Program, the provisions of the latest revision of codes of practice were discussed along with hands-on in the laboratory.

Site Visit of Sarda Sahayak Feeder Canal at Gomti Aqueduct

The Department organized a site visit on7th December 2021 for the B.Tech. third-year students at Sarda Sahayak Feeder Canal & Gomti Aqueduct, which is located on the Gomti River at Devaria Village, Lucknow. The visit was led by the Head of the Department along with the faculty members and students.





The Gomti aqueduct is a good example of civil engineering. The construction of the Gomti aqueduct was started in 1973 and completed in 1978. The total length of the Sharda Sahayak feeder Canal is 28km and the total length of the Gomti aqueduct is 382m. The upper and lower height of this aqueduct is 15m and 7.5m respectively. Sarda Sahayak Feeder Canal provides water for irrigation purposes in many districts of Uttar Pradesh. Sharda Sahayak Feeder Canal head regulator is operated and maintained by the irrigation and water resources Department, Uttar Pradesh. At the site, students were welcomed and briefed about the canal and the Gomti aqueduct by Er. R.K. Yadav, Assistant Engineer and Er. Pawan Yadav, Junior Engineer, Irrigation & Water Resources Department, Uttar Pradesh.

Industrial Visit at Bharwara Sewage Treatment Plant

The Department organised a site visit on 7th & 11th December 2021 for the B.Tech. Final year students at Bharwara Treatment Plant located in the outer parts of Gomti Nagar, Lucknow. The Department also undertook a plantation drive on both days. A total of 50 saplings were planted to promote a green environment at the Bharwara Treatment Plant. Bharwara 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 MLD and covers an area of about 120 hectares. The plant is based on the Up-flow Anaerobic Sludge Blanket Technology [UASBR]. It is now operated and maintained by Suez- a French-based utility company which specializes largely in waste water treatment and waste management systems.

At the plant, students were welcomed and briefed about the plant by Mr. Rajesh Deshraj, Assistant Engineer, Suez Group. The plant consisted of the following components:

Primary Treatment unit (Screening, Grit Chamber, Flow Measuring Device and Sedimentation Tank)

UASB reactors for secondary treatment

Methane Collection Tank

Pre-aeration Unit

Aeration Ponds

Chlorination Unit.

Technical Webinar on : "Geotech "

A Technical Webinar on Geotech was organized by the Department in collaboration with ACE Engineering Academy on 8th February 2022.

The webinar was organized on Geotech. The Chief Patron was Honorable Founder and Chancellor, Prof. Syed Waseem Akhtar under the guidance of Honorable Pro-Chancellor Dr. Syed Nadeem Akhtar and Honorable Vice-Chancellor Prof. Javed Musarrat, Integral University, Lucknow. The convener and Co-convener of the webinar were Dr. Syed Aqeel Ahmad, Head Department of Civil Engineering and Mr. Anwar Ahmad Associate Professor. Department of Civil Engineering, Integral University, Lucknow.

The Programme was hosted by Mr. Anwar Ahmad, who gave a brief introduction to the guest speaker Mr. Pawan Kumar Reddy, an IITian, Hyderabad Alumnus and Sr. Faculty, ACE Engineering Academy.

This event was aimed at the Pre-Final and Final year students who were preparing to appear on the GATE 2022. The speaker shared his views on the pattern of GATE paper and told the students about the percentage of Geotech portion that are questioned in the GATE. He also discussed the ways to crack the MCQs of Geotech in GATE. The speaker also taught some topics of the Geotech that were repeatedly asked in the competition of GATE.

Site Visit of B. Tech Civil third-year students to M/s Omega Developers, Faizabad Road, Lucknow

The Department organized a site visit on 9th March 2022, for the B.Tech. third-year students to M/s Omega Developers, Faizabad Road, Lucknow.





The visit was led by Mr. Anwar Ahmad Associate Professor, Department of Civil Engineering, Integral University. All the students were welcomed by Er. Pradimanyu Misra, Senior General Manager, M/s Omega Developers. The students were briefed about the ongoing project, and thereafter, the staff of the M/s Omega developers briefed the various Civil Engineering activities.

World Water Day-2022

The Department of Civil Engineering organized "World Water Day 2022" on 22nd March 2022. World Water Day is an annual observance day that highlights the importance of water resources, and advocates its sustainable management. Every year, the Department of Civil Engineering acknowledges the importance of water and raises awareness of the global water crisis, and a core focus of the observance is to support the achievement of Sustainable Development Goal (SDG) 6: "water and sanitation for all by 2030." The theme of World Water Day 2022 is Groundwater-Making The Invisible Visible. To raise awareness and acknowledge the worth of this exquisite natural resource, an Online Quiz Competition (Quiz on Water-Aquatech) was organized on 21st March 2022 , followed by an Expert Lecture on 22nd March 2022.

Dr. Syed Aqeel Ahmad, Prof. & Head of the Department, in his welcome address, accentuated that water is a precious resource, although groundwater is invisible, its impact may be seen everywhere.

The guest of honour Er. Meraj Ahmad Khan, Assistant Engineer, UP Irrigation Department, Sitapur, delivered an expert lecture. He emphasized that



Groundwater is a major water-supply source, while also sustaining aquatic ecosystems and maintaining base flow in rivers, and being a critical storage element for climate change adaptation. He also pondered on the fact, that despite these impressive facts, groundwater (being invisible) is out of mind for most people. At the same time, water scarcity is increasing, which already affects about 2.7 billion people around the world, for at least one month per year.

Awareness Program at Chetanpurwa Village, Tehsil Bakshi Ka Talab

An awareness program at the Chetanpurwa Village, Tehsil Bakshi Ka Talab was organized by the Department. The faculty coordinator for the program was Mr. Nusrat Ali, Assistant Professor, Department of Civil Engineering. The tests performed on potable water brought by villagers were Total Dissolved Solids (TDS), pH value, Turbidity and Electrical conductivity. The average values were TDS: 180mg/l, pH: 7.2, Turbidity: 1 NTU and electrical conductivity: 322 µS/cm which were found satisfactory and within permissible limits set by the Bureau of Indian Standard (BIS).

Seminar on: How to crack GATE and Govt. competitive Exams

The Department organized a One-Day seminar on 23rd April 2022 at 11 am. The Guest speaker Mr. Meraj Ansari, Assistant Professor, Department of Mechanical Engineering, Integral University, Lucknow, was welcomed and introduced by Mr. Tabish Izhar, Assistant Professor, Department of civil engineering, Integral University, Lucknow. Mr. Meraj Ansari has cracked GATE continuously eleven times and registered his name in the INDIA BOOK OF RECORD. He briefly explained the GATE and its importance. Mr. Meraj said that reading standard text book, regular revision, and more practice in numerical and continuity are the key to success.



Industrial Visit to Bharwara Sewage Treatment Plant

"Offer Letter Distribution Ceremony"

Congratulations

Placement of 24 students in M/s Vindhya Telelinks Ltd.

Imparting skill, knowledge, education and training are the focal elements of the Department of Civil Engineering, Integral University, Lucknow. The Department is actively working in the various spheres towards the overall development of students. Keeping this in view, the Department of Civil Engineering in collaboration with M/s Vindhya Telelinks Limited, organized an interview with the effort of Mr. Anwar Ahmad, Associate Professor, Department of Civil Engineering, for Civil & Mechanical Engineers on 11th May 2022 in Integral University Campus. As a result, 24 students have been selected by M/s Vindhya Telelinks Ltd.

Offer letter distribution ceremony was held on 22nd September 2022 in the Seminar Hall, Department of Civil Engineering. 13 students were felicitated with the offer letter by Mr. Vinod Sharma, Country Head HR, Vindhya Telelinks Limited.

M/s Vindhya Telelinks Limited a leading construction company wished to recruit personal for the position(s) of Supervisor/Engineer/Manager for Rural Water Distribution Pipeline works under (SWSM) at various locations of Uttar Pradesh.

Open Mic

The Cultural Society of the Department of Civil Engineering, Integral University, organized its first edition of an Open Mic Event on the 29th September 2022, with a footfall of about 100 people in the Departmental Seminar Hall. The event was conducted in order to provide a platform to all the students of Integral University for showcasing their performing skills and expressing their thoughts in their preferred languages in front of a huge crowd filled with their peers and guides. It was an event where students from all over the University were given a chance to present their talent, confidence, personality etc. on stage.



Department of Environmental Sciences

> "Earth provides enough to satisfy every man's needs, but not every man's greed."
>
> -Mahatma Gandhi

International Day of Yoga 2022



Integral University celebrated 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, with the theme "Yoga For Humanity" at its sprawling green lawns at the campus from 6.00 AM onwards on 21st June 2022. 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 and Mr. Amit Singh and 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.





Shri Narendra Modi, Hon'ble Prime Minister of India

Zafar, Director, Sports etc, along with students from faculty of medicine and various departments from university. Initially, it started with a few warm up sukshma vyayaams like Greeva sanchalan, Skand sanchalan involving bending, stretching, shoulder movement, trunk movement and knee movement etc. and later other Asanas performed were Tadasana, Vrikshasana, Paadhastasan, Pachimotasana, Arkad dhanurasan, Bhujangasana, Dhanurasan, Sukh asna, Vraj asna, Danda asna, Paschimottanasana, Ardha Matsyendr?sana, Setu Bandra asana, natrajasan Shalabhasana, Shawasan etc. After the performance of Yoga, all the participants witnessed live streaming of Prime Minister's address from Mysuru on Yoga at Central Auditorium.

International Tiger Day 2022

The Department of Environmental Science, Integral University, celebrated International Tiger's Day on 30th July 2022 by conducting an online talk on the topic "Status of Tigers in India: Issues and Concerns" to spread awareness regarding the importance of Tigers in our environment. The talk was delivered by Dr. Ravi Kumar Singh, IFS, Divisional Forest Office, Awadh Van Prabhag, Lucknow, Uttar Pradesh Forest Department and a person who played an important role in the management of stray leopards recently in Lucknow. The program started with the welcome address delivered by Prof. (Dr.) Monowar Alam Khalid, Head, Department of Environmental Science & Convener of the program, who welcomed all the participants and introduced the eminent speaker Dr. Ravi Kumar Singh and gave a brief introduction about



the significance of the International Tiger Day, which is celebrated every year on July 29 since 2010, with the global goal to double the number of wild tigers by 2022. The main aim behind observing this day is to promote a global system for protecting tigers' natural habitats and raise public awareness and support for tiger conservation issues. Dr. Ravi, in his interesting talk, gave an insight on the importance of Tigers in our ecosystem and why there is a need to conserve them, he not only talked about the alarming human activities such as internal poaching, wildlife trafficking, illegal and uncontrolled trading of tigers, but also highlighted the importance of Universal Primer Technology etc. The session was highly interactive and informative and esteemed speaker answered several queries by the enthusiastic participants. There was also a quiz competition on the "Facts about Tiger", organized online by the department on 29th July 2022, where more than 80 participants registered and actively participated. The program was successfully coordinated by Dr Amina Jafri and Ms Mohsina Khan, faculty of the Department of Environmental Science. It concluded with the vote of thanks delivered by Dr. Shweta Yadav. The program was attended by students and faculty members from various departments as well as participants from outside university.

Road Safety Awareness Week and Training Program celebrated at Integral University



Prof. S.W. Akhtar welcoming Chief Guest Shri Subhash Ch. Shakya, IPS, DCP-Traffic Lucknow.

Integral University observed "Road Safety Awareness Week" under Road Safety Awareness Mission (Sadak Suraksha Jagrukta Abhiyan), an initiative of Uttar Pradesh Government during 19-31 May 2022. The programme conducted on 26th May 2022 was graced by Chief Guest Shri Subhash Ch. Shakya, IPS, DCP-Traffic Lucknow and the Guest of Honour was Shri Vikram Singh, ACP-Traffic Lucknow. The program was immensely successful where students were sensitized about Road safety measures. The guests also met Prof. S.W. Akhtar, Founder & Chancellor of Integral University and Prof. Javed Musarrat, Vice Chancellor along with other dignitaries of the University. There were nearly 200 students faculty/staff members who actively participated in the awareness program and interacted with the experts regarding Road Safety tips. Faculty coordinators from Integral University, Lucknow were Dr Namrata Suri, Ms Mohsina Khan and Mr Abhishek Sharma.

As a part of road safety awareness week, NSS team of Integral University, organized Sadak Suraksha Jagrukta Rally on 22/05/2022 from Pahadpur Chauraha to Tedhi Puliya Chauraha. Around 30 students from different branches along with NSS coordinators came together with banner and posters to extend the awareness of road safety in surrounding areas. Some handouts with slogans on road safety in Hindi and English were also distributed to vehicle drivers. Students also talked with pedestrians and



Shri Shubash Chandra Shakya, IPS, Deputy Commissioner of Police (Traffic), Lucknow

street vendors to convince them to follow the traffic rules in order to minimize the number of road accidents. The program was well coordinated by Mr. Syed Naeem Akhtar, Dr. Sheeba Praveen, Ms. Poonam Sharma and Ms. Tahira Khatoon, NSS Program Officers of Integral University.

On 31st May 2022, the last day of road safety awareness week, a "Road Safety Awareness Training Program", was conducted at Integral University, Lucknow, for the faculty and staff members to enhance their knowledge of Traffic rules and Ecological consciousness. Trainers and Guests for the event were Shri Sandeep Kr. Pankaj, Regional Transport Officer (Enforcement), Lucknow, along with Dr Neha Jain, Co-Nodal Officer, Road Safety Program Lucknow, region and Mr Pankaj Sharma, Road Safety Manager, who shared some valuable facts with the participants about road safety rules and regulations while driving either a four wheeler or two wheeler vehicle, the need of wearing seatbelts and helmets, also the significances of road signs, zebra crossings, stop line, sidewalks etc. The convener of the program was Prof (Dr) Monowar Alam Khalid, Dean Students' Welfare and Head of the Department of Environmental Science.

World Environment Day & World Bicycle Day 2022

On the occasion of World Environment Day (5th June 2022) and World Bicycle Day (3rd June 2022), the Department of Environmental Science in association with Integral University Sports Academy (IUSA), jointly conducted a number of activities in the university campus on 11th June 2022.

Important events Conducted were:

1. Bicycle Run (promoting World Bicycle Day's theme "Ride for a Cause: Be Fit Go Green")
2. Plantation Drive (promoting World Environment Day's theme "Only One Earth")
3. Online Quiz Competition (For sensitizing the participants towards our Earth and its Environment).

These events promoted awareness amongst the students and faculty members towards the importance of the Environment and Human Health. It is an established fact that cycling has immense health benefits for all. Cycling being an affordable, sustainable and environment-friendly means of transport keeps us healthy and fit. This year's theme for World Bicycle Day





was "Ride for a Cause: Be Fit Go Green", which goes hand in hand with the Environment Day celebration, which was observed with the theme 'Only One Earth'. World Environment Day is observed globally for public outreach which sheds light on the importance of nature and its conservation and focuses on living sustainably in harmony with nature. Above mentioned events were parts of Integral University's commitment to "Goa Declaration-PACT2030" to which Integral University is a signatory and striving hard towards achieving "Sustainable Development Goals.

There were more than 70 students and faculty members who actively participated in the Bicycle Run that took place around the sports ground and Plantation Drive, which was held inside the university premises, where saplings were planted adjacent to the canteen. More than 100 students and faculty members participated in the Quiz competition, which was conducted online on 10th June 2022.

The event was enthusiastically attended by senior faculty members like Prof. Abdul Rahman Khan, Controller of Examinations, Prof. Syed Aqeel Ahmad, Head, Dept. of Civil Engineering and Mr. S. Z. N. Abbasi, Deputy Registrar Examinations, along with faculty members and students from various departments. The program was jointly convened by Prof. Monowar Alam Khalid, Dean Students' Welfare and Head of the Department of Environmental Science along with Dr Mohd. Zafar, Director, Integral University Sports Academy (IUSA). Faculty coordinators who actively participated in making this event a grand success were Dr Riyazuudeen Khan, Ms Mohsina Khan and Mr Mohd Usama from Department of Environmental Science and Ms. Sitara Sahani from Integral University Sports Academy (IUSA).

World Wetlands Day 2022

The Department of Environmental Science, Integral University, as a part of global celebrations for World Wetlands Day 2022 conducted an online talk on the topic "Sarus Crane: A Wetland Icon in Need of Protection" on 2nd February 2022 to sensitized the students about the importance and need of wetlands. The talk was delivered by Dr Samir Kumar Sinha, Head of conservation, Wildlife Trust of India, Noida. The program started with the welcome address delivered by Prof (Dr.) Monowar Alam Khalid, Head Department of



Environmental Science, who after a brief introduction about the significance of World Wetlands Day introduced the eminent guest speaker Dr Samir Kumar Sinha. Dr Sinha in his interesting talk gave an insight on the importance of Wetlands for our environment, and also talked about the conservation of Sarus Cranes in its various habitats involving local communities. He highlighted certain human activities and involvements such as electrocution, agricultural intensification due to use of insecticides, pesticides as responsible factors for the decrease in the population of Sarus Cranes.

The Sarus crane is the tallest flying bird in the world standing 1.5m tall, with a largest wingspan of nearly 2.5m. Sarus cranes play an important role in controlling the population of small invertebrate and vertebrate populations. Currently, it is under IUCN's Red list and is in dire need of conservation. Dr Sinha mentioned various activities like agricultural expansion, aquaculture and change in cropping patterns are few significant steps that could help in conserving our wetlands and this important species. The session ended on an interactive note as a number of queries by the participants were answered by the speaker. The program was successfully coordinated by Dr Anand Mishra and Ms Mohsina Khan, faculty of Department of Environmental Science. It concluded with the vote of thanks proposed by Ms Mohsina Khan.

World Wildlife Day 2022

The Department of Environmental Science observed the World Wildlife Day on 3rd March 2022 with the theme Recovering Key Species for ecosystem restoration as given by United Nations, to draw attention of the students towards the conservation of critically endangered species of fauna and flora. On this important occasion, an eminent forester Dr. Uma Shanker Singh, IFS and Ex-Principal Chief Conservator of Forests, Uttar Pradesh was invited to deliver a talk. The program started with the welcome address delivered by Prof. Monowar Alam Khalid, Head, Department of Environmental Science & Dean, and Students' Welfare, who also gave a brief introduction about the Speaker. Dr. Uma Shanker Singh delivered an interesting talk on the topic "Status of Wildlife in India" and shared the experiences of working in forests and about wildlife. He beautifully presented the data of critically endangered wildlife in India and the world. He informed the audience that we have reached a critical state where it is difficult to revive the wildlife species, so, it's better to avoid and take precautions to minimize the use of natural resources like forest land, water resources etc as they are the habitat of wildlife and nothing can replace their natural home. He also made the audience aware about the present and coming challenges likely to be faced by World. The Program was attended by Prof. Syed Aqeel Ahmad, Head Civil Engineering Department & Director, HRDC, Prof. Shahid Ali Khan and number of faculty members and more than 50 students from various departments of the University. The Department of Environmental Science also organized quiz and essay competitions on this occasion. The program was successfully anchored by Dr. Rahila Rahman Khan, which ended with the vote of thanks delivered by Ms. Mohsina Khan of Department of Environmental Science.



Ownership, Inclusively, Eco-consciousness

New mantras for Integral University

The Pro-Chancellor, Integral University, Syed Nadeem Akhtar, and the Vice-Chancellor, Dr Javed Musarrat, chalked out the new age strategy for Integral University.

Fresh back from the Pact 2030 conference from Goa and sporting the tanned tautness of his visit, soft-spoken but assertive, the Pro-Chancellor, Syed Nadeem Akhtar, gave no time to the gob-smacked faculty reeling under this information and stepped onstage with his own learnings from his Goa sojourn. Perhaps for the first time ever on the academic centre stage, a private player from academia unashamedly praised other universities like the OP Jindal University, Sonipat Haryana, MIT World Peace University, Pune and Ashoka University citing apps and initiatives, targeted interventions and outreach and extension activities from these varsities, and outlined a policy that would usher in a new era of a truly global approach to academics for the University. Extolling the yeoman's service extended during the pandemic by the Integral Hospital, Syed Nadeem Akhtar announced that they would soon be altering its nomenclature to Integral Medical College to underline its role in furthering the cause of affordable medical education in the state.

"With only eight years to go and the climate change clock ticking-there is virtually no time left for the deadline," said Prof. Javed Musarrat, vice Chancellor, Integral University. While explaining each of the 17 goals minutely, he carefully outlined India's dismal track record in each of the 17 goals and Human Development Indicators. "It needs to be underscored that India is the second most populous country in the world, with nearly a third of the population living BPL (Below Poverty Line), chronic malnutrition, with over 50% of the country still in the docks for open defecation, 15% women still impacted by maternal neonatal and juvenile deaths." In what can only be termed a "smart-green move". Dr Musarrat announced that in order to make the varsity a zero-emission campus, it would soon be introducing cycles on the campus and encourage both students and faculty to use the same to cover the vast acre campus as also use the same to traverse the "across the road" green environs of the University's famed Agriculture and Pharmacy institute in.

Blood Donation Day organised by IIMS&R









Department of Electronics & Communication Engineering

> "Electronic Communication makes possible what has previously been excluded: namely active, simultaneous, and reciprocal contact between individuals across all frontiers constituted by countries, religions, and continents."
>
> -Ulrich Beck

Expert Talk on Space Application & amp; Indian perspective by Mr. S. K. Pandey, Scientist-SG, ISRO Telemetry, Tracking and Command Network (ISTRAC), Indian Space Research Organisation (ISRO), Dept of Space, Govt. of India, Lucknow.

One Day National Workshop on **Python** in collaboration with Sofcon India Pvt. Ltd., Lucknow, on May 09, 2022. Sofcon group is affiliated with NSDC (National Skill Development Corporation), a Ministry of Skill Development Govt. of India Initiative.

International Webinar on Recent Trends in Engineering and Sciences on May 20, 2022. Resource Persons: Dr. Mufti Mahmud, USA Prof. (Dr.) Mohammad Shahadat Hossain, United Kingdom and Prof. (Dr.) M Shamim Kaiser, Bangladesh.

The Department in association with Integral University SWAYAM NPTEL Local Chapter organised a One-Day workshop cum live interactive session, on MOOCs and SWAYAM NPTEL Awareness, by Dr. Piyush Charan, Deptt. of ECE, Integral University, Lucknow.

One Week National Webinar on :

Industry 4.0 and IoT from July 26 -30, 2021.

Resource Persons: Mr. Rohit Sharma, California, United States. Dr. Chandra Shekhar ex DGM BSNL. Dr. Dinesh K. Vishwakarma, Delhi Technological University.Dr. Shabana Mehfuz, Jamia Millia Islamia, New Delhi. Mr. Mohammad Shadab Abedin, Embedded S/W Systems Engineer, Karnataka, India.

Awards

Dr. Piyush Charan was awarded and elevated to Senior Member of IEEE. Senior membership is an honour bestowed only to those who have made significant contributions to the profession.

Dr. Mohammed Asim received the "Best Innovation award-2021" at Integral University of Prize Rs 50,000.

A Value Added Course on 'IoT Simulations with Cisco Packet Tracer for Home Automation' for 6 weeks from 9 May 2021, was started by the Department.

The Department organized Five-Day online workshop on "Advanced Industrial Automation and Tool" from 12th to 16th July 2021.

The Department organized a Two-Week Professional Development Programme, on **'Recent Trends in Green Technology for Sustainable Life'** from 02nd - 16th November 2021.

The Department organized a workshop on **"Internet of Things(IoT) and Its Application"** on 15th September 2021.

The Department organized a Six-Week Online Value-Added Course (VAC) on **"Electric Vehicle: A Technology of Present & Future'** from 22nd November 2021 to 31st December 2021.

The Department organized a Guest Lecturer in collaboration with CCG & D, Integral University, on **"Guidance for Competitive Exams SSC-CGL"** on 12th May 2022.

The Department organized an online webinar on **"GATE Preparation for Electrical Engineering Students"** on 12th March 2022. The Speaker was Mr. C. Seravan Kumar, Sr faculty member of A.C.E, IIT Delhi Alumnus.

Patents

Mohammed Asim and 3 other "A Quasi Z Source High step-up DC-DC Converter" (Indian Patent published-Application Reference 202211026628) 13/05/2022.

Mohammed Asim and 4 other "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.

M A Mallick, T C Chandel "Low-Cost Micro Crack Measuring Instrument For Detection Of Faults In Solar Panels"(Application Number:202111035684)

M A Mallick, Mohd Khursheed and 3 other "Low-Cost Instrument to Detect the Degradation of Pharmaceutical Formulations Based Medicines"(Application Number:202111059361)

M A Mallick and 2 other "Low-Cost IoT based Smart Battery Monitoring System"(Application Number:202211017954)

Grants

Dr. Mohammed Asim received seed money for a project titled "A High Step-Up Quasi-Z Source DC-DC Converter" sponsored by Integral University, Lucknow, India for Rs 1.5 lacs.

Dr. Mohammed Asim completed the project "An efficient Solar PV Based Hybrid Multi-Output Converter for Stand-Alone Application" sponsored by the National Project Implementation Unit of Rs 13.72 lacs under "TEQIP Collaborative Research Scheme".

Guest Lecture on "Carbon Allotropes and their Application"

The Department of Electronics & Communication Engineering, Integral University, organized a Guest Lecture/Webinar on "Carbon Allotropes and their Application "on 21st September 2022. The main focus of this Guest Lecture/Webinar was to create awareness of the "Carbon Allotropes and their Application" Resource Speaker, Dr. Farhat Aisha Ansari, Associate Professor, Hygia Institute of Pharmaceutical Education & Research, Lucknow.

The program started with the introduction of Carbon Allotropes by Dr. Saima Beg, Assistant Professor, Department of Electronics & Communication Engineering, Integral University, where she briefly described the history of Carbon Allotropes.

There was an interactive Question and Answer session following the presentation. The program ended with the Vote of Thanks by Dr. Saima Beg, Assistant Professor, Department of Electronics & Communication Engineering Integral University.





Department of Electrical Engineering

Cultural and Literary Society

Department of Electrical Engineering, Integral University, organised a Debate (English) & JAM (Just A Minute) on 29 September'2022. The topic of the debate was "Mobile phones vs Landlines". 26 students participated in debate and 25 students participated in JAM.

The debate and JAM events were organised to enhance students' public speaking skills and make them articulate in expressing their thoughts and opinions. Students shared their views, discussed merits & demerits and lots of facts that enhanced the knowledge of the audience. The audience enjoyed the sessions as the students answered the questions wittily and confidently with vivacious competition among the students. Students' enthusiasm for speech and putting up their ideas was appreciable. These student-centric activities were organised as part of achievement of UN sustainable development Goals.



Faculty of Education

> "What makes a child gifted and talented may not always be good grades in school, but a different way of looking at the world and learning"
>
> -Chuck Grassley

A workshop on Microteaching

It was conducted between 1st-15thApril, 2022 in which a series of Lectures and Guest Lectures, Group Activities of the students and Poster Presentation Activities were organised for the students to make them understand the details of teaching skills and to acquaint them with the art and science of teaching. A guest lecture on Micro Teaching was given by Dr. Subhash Mishra, Assistant Professor, School of Education, B. R. Ambedkar University, Lucknow, on 6th April 2022. The lecture was organised with the objective to address and emphasize that Micro-Teaching has the potential to improve the students' pedagogic skills, competencies, self-confidence, belief and attitudes with minimum available facilities, and experiences to provide students with valuable teaching experiences and make them aware of the benefits and relationships between theory and practice.

A One-Week workshop on Lesson Planning

Conducted from 7th to 13thSeptember 2021, in the Department for B.Ed. 2nd-year students in their initial phase of Practice teaching, where they were guided about the different phases of Lesson Plan under different pedagogy subjects.

Guest Lectures on Microteaching.

To shape the personality of the students and to give them the latest and updated information, the Department of Education stipulated them with various Guest Lectures throughout the year. The year started with the Guest lecture delivered by Prof. Dr. M. Varma (Retd.) Department of Education, the University of Lucknow, which was held on April 22.

Lecture on Teaching-Learning Transaction Known as Learning Outcomes in the light of Bloom's Taxonomy (B.T. Level)) was given on 14th May, 2022 by Dr. B. S. Gupta, Associate Professor, Department of Education, BBA University, Lucknow. The lecture focused on the concept of Learner, (Self) Teacher and Outcomes (Behavioural Change) were are on the basis of Cognitive Domains such as Knowledge, Comprehension, Application, Analysis, Synthesis & Evaluation (Creating), Affective Domain and Psycho-motor.

Expert talk on Ethical Perspectives in Education and Training Programme

The session was conducted on 20th May, 2022 by Mr. Rashid Khan, Principal, Integral International School, Lucknow, that focussed on the quality of a good teacher like honesty, confidence and mastery of the subject, congenial environment, accountability, integrity, control, and good relations with students and made the students aware about the importance of Teaching Ethics and the way to develop for understanding the individual differences.

Programme on Communal Harmony

To promote communal harmony and national integration, the program was organized as per the request of the National Foundation for Communal Harmony, an autonomous organization under the Ministry of Home Affairs, Government of India on 25th Nov. 2021. On this occasion, a series of competitions was conducted like Who am I?. Speech competition on self-introduction, Regional and National Integration songs, Cultural swipe, Showcasing of the traditional attire of any state of India and Meri Baani, a poetry competition. Prof. M. Khalid, Dean, Students Welfare was the chief guest of the event.

INNOVISTA- An Exhibition of Teaching Learning Material

The Faculty of Education organized "INNOVISTA- An Exhibition on Teaching Learning Material" on 25th March 2022. It is a technical event to test the innovation of intellectual minds related to the exploration of Teaching Learning Materials based on the Theme - 4R i.e., Reduce, Reuse, Recycle, and



Reinvent to enhance their learning to be more comprehensive and effective, and fulfil the value-added program for all students of various courses.

Birth anniversary of Dr.S. Radha Krishnan

To commemorate the birth anniversary of Dr.S. Radha Krishnan, the day was celebrated with lots of excitement in the Faculty of Education on 06th September 2021. The programme included speeches in Hindi and English, Songs and Skits.

Hindi Diwas

It was celebrated on 14th September 2021, when Kavita and Vyakhyaan activity was organized and presented by students B.Ed. and M.Ed.

Life Sketch of Mahatma Gandhi

The event was organized by the Department on 2nd October 2021. Students enthusiastically participated to exhibit their knowledge about the father of the Nation through their speeches.

World International Day for Rural Women

It was celebrated on 21st October 2021, by conducting an online essay writing competition. e-certificates were presented to the successful and participating students.

National Education Day

It was Celebrated for three days from 11th November to 13th November 2021. The celebration of Education Day began with a Guest lecture by a versatile personality Prof. Dr. Abbas Raza who enlightened the role of Maulana Abul Kalam Azad in independent India followed by a Quiz Contest and Elocution on 12th November 2021. On the last day of the programme, students delivered speeches pertaining to Education and its various facets. The zeal and enthusiasm in the program were maintained with the motivational songs sung by the students and the self-composed poems recited by students.

PDP on Research Methods

Faculty of Education organized a Two-Week Professional Development Programme (PDP) on the theme "Research Methods" from 16th to 30th Nov. 2021, where the esteemed guests from the different universities of India and also from other departments of Integral University, had worked as a team and presented their views on the related topics. The main objective of the PDP was to promote the basic knowledge and practicability of research methods and to inculcate a very sense of research among the participants.

Departmental Outreach Programme

The programme was organized to motivate the students of final year B.Ed, M.Ed. and D.El.Ed for their academic progression in higher classes. They were guided on the procedure to take admission, aware of the benefits of the course and job opportunities in their field. They were also informed about the job opportunities available presently to them. The benefits of being a Doctor of Philosophy were discussed with them to provide them with the broader picture of being an Educationist.

Value Added Course on Teacher Education

Value-Added course on Teacher Education from 23rd May 2022 to 25th June 2022, with the objectives of the course is to identify the role of Multimedia in Teacher Education, Use of Multimedia in Pre-service and in-service Teacher Education program.

Field Work in Academics

On the Academic front, various field work and extension activities like Practice Teaching, Internship, Practicum, Psychology Practical, Community work etc. Mock Interview Sessions were organised to train the students for facing interviews in the proper manner. Coaching classes for NET/TET/CTET preparation were also organised in the department for the students.





Agreement Signing Ceremony

Bwtween Integral University & L&T EduTech



MF Febin of L & T Edu Tech and Parag Jain with Prof. Javed Mussarat, Hon'ble Vice Chancellor, Integral University







Annual Sports

















Fiesta-2022

> "No time to Siesta, It's time to fiesta"
> - Anonymous

It was after two years that FIESTA was organised offline and the excitement of participating in the annual cultural-literary and sports extravaganza was palpable on the campus. Speaking on the occasion, the Hon'ble Chancellor, Integral University, Prof. S. W. Akhtar said that the Fiesta was an extra special as it came after a two-year gap and students were eagerly looking forward to the same.

The Chief Guest at the function Dr. NC Prajapati, Director General, Medical Education, Government of Uttar Pradesh, praised the vast green campus and the array of students that Integral University had gathered under its banner and built a name for itself in academic excellence. Guests of Honour included Dr. Alok Kumar, Secretary/ Registrar UP State Medical Faculty praised the excellent work that the University had done during the pandemic, and said, it was well and truly deserving of a celebration. However, with her lucid shayeries and learned words, it was Mrs. Azra Waseem, Founder, Techno Academic School, Lucknow, who stole the show by asking students to learn, that the spirit of sportsmanship was not just in winning but participation too. . Also, present on the momentous occasion, were the Chancellor, Prof. S. Waseem Akhtar, Pro-Chancellor Syed Nadeem Akhtar, Vice- Chancellor, Prof. Javed Musarrat, Registrar, Prof. Mohd. Haris Siddiqui, faculty and staff of Integral university.

Inviting the students to FIESTA 2022, the Hon'ble Chancellor, Integral University, Prof. S. W. Akhtar extorted students to participate in events locally, as well as in other universities and colleges.," He said it gave him great pleasure to unfold the university's annual festival FIESTA-2022, which was a way of reflecting and celebrating the spirit of youth by providing a platform for the students to nurture and harness their innate talents."

The inaugural function was enriched with a scintillating performance by Shashwat of Kailash Kher's Sufi song Bismillah, a tribute to Late Lata



Mrs. Azra Waseem, Founder, Techno Academic School, Lucknow, Inagurating the function



Prof. S.W. Akhtar presenting a memento to Dr. Satya Narayan Sabat, IPS





Mrs. Azra Waseem, Founder, Techno Academic School, Lucknow honouring the winner of Andaz-e-Awadh

Mangeshkar ji with a medley of her songs and a stunning show of strength by the International Student Pageant of Integral University, which includes students from many countries of Africa including Nigeria, Sudan, Ghana and Sierra Leone, Syria, Nepal and more.

Speaking on the occasion, Prof (Dr) M. A. Khalid Dean, Student's Welfare and Faculty Patron for the Festival, welcomed the students at the "annual cultural, technical, literary and sports festival "FIESTA- 2022" being organized at Integral University, Lucknow from 24th to 26th March 2022. He elaborated that the festival, boasting of a plethora of events is planned, performed and enjoyed by the students, which helps develop leadership and team-building qualities among them by unlocking their creativity and sporting talents. "To me, events like Fiesta are de rigueur in promoting the exchange of cultures, practices and diversity of knowledge amongst the galaxy of participating students from various reputed universities /colleges/ institutions.

This festival held every year with much grandeur further helps in strengthening the spirit of national integration and patriotism among our youngsters, who are the future torch bearers of the nation," he stated.

The pre-festival highlight was a plantation drive by the Department of Bioengineering and the Integral Institute of Agricultural Science and Technology at the Integral on Kursi Road.

Highlights

Artistic Category : Best out of Waste, Fiestography [Photography], Ink-Art [Tattoo Making], Rough Copy [Sketching], Kite Designing & Flying, Expression Canvas [Face Painting],


International students' presentation



Cultural Category : Tamsili Mushaira, Grapple of Nomads : The Band Show, Ethnic Cultural Walk, Skit, Nukkad Natak, Bait Baazi, Andaaz-e- Awadh, Rangoli, Holi Milan Solo Singing

Literary Events: Self-Composed Poetry and Recitation (In Hindi, English and



Unity in diversity

Urdu), Essay Writing (Hindi and English), Just-A-Minute (JAM), Essay Writing Competition & more

Technical Events: Quizaholic Exhibition on "Fantastic from plastic", Technical paper presentation on "Innovation in science", Science Exhibition on Energy Resources and Conservation, Paper Presentation [E.E.], Faculty Treasure Hunt, Project Code Red [Valorant], NVISION: E.E, Treasure Hunt, Tech~Emperadore: Technology Demonstration Poster Presentation, Placard Making on Antimicrobials, Pharma Quest, BGMI (Battlegrounds Mobile India], Startup Minds, CAD design [ME], Model Display, Impulse Momentum, Quizholic, CAD Design, etc

Sports Events: Contest In Snooker, Cricket, Basketball, Football, Carrom, Chess, Table Tennis, Athletics, Badminton, Lawn Tennis and Volleyball



> "From successful leaders that will inspire to delegate the way"
>
> -Chuck Grassley

Integral University Greetes International Visitors

Integral University welcomed His Excellency Mr. Ahmed Sule on 27th August 2021. There was a series of events for two days i.e.on 27th August 2021- 28th August 2021 which includes welcome ceremony, cultural event, a tour of Integral University, Integral Institute of Medical Sciences and Research and interactive session with Nigerian students.

His Excellency delivered a talk on Nigeria-India Relations

During his talk, H.E., Mr. Ahmed Sule elaborated that India initiated cordial relations with Nigeria in 1958. He briefed about the omnipresence of India in Nigeria by quoting that more than 135 Indian companies are functioning in Nigeria. People thoroughly enjoy Indian cuisine, movies, culture, and traditions in Nigeria thus proving the popularity of India in the hearts of Nigeria. Mr. Ahmed Sule, wholeheartedly requested the Nigerian students at Integral University to be law-abiding, to respect Indian rules regulations, and value its traditions.

Dr. Syed Nadeem Akhtar, Pro-Chancellor, Integral University stressed upon the importance of diversity everywhere and particularly at educational institutions because that is the grassroots level of building good human-beings.

Vice-Chancellor, Prof. Javed Musarrat presented the concluding remarks. He assured that the University is committed to provide quality education, skill development facilities, and quality environment so that when foreign students go back to their respective nations, they carry the flag of Integral University.

The event was attended by the Hon'ble Pro-Chancellor, Dr. Syed Nadeem Akhtar, Hon'ble Vice-Chancellor, Prof. Javed Musarrat; Pro-Vice-Chancellor, Prof. Aquil Ahmad, Registrar, Dr. Shahid Ali Khan, Dr. Nilanjan Mukherji, Mr. Gazali Sami and other officials of Integral University.





Hon'ble Chancellor, Pro-Chancellor & Vice-Chancellor welcoming H.E. Mr. Ahmed Sule, High Commissioner of Nigeria to India





Her Excellency Ms. Stella Budiriganya Ambassador of Burundi to the Republic of India

Welcome to his Excellency Mr. Mustapha Jawara, High Commissioner of the Republic of Gambia

The day started with a warm welcome ceremony where the Hon'ble Pro-Chancellor, Dr. Syed Nadeem Akhtar introduced him to the audience and told them about His Excellency's great achievements in the Gambia. This was followed by a tour of Integral University and Integral Institute of Medical Sciences & Research and interaction with staff and students. His Excellency delivered a talk on Indo-Gambia Bilateral Relations.

He shared details about his country and expressed his joy towards Integral University's active growth. He was glad to meet the International and Indian students of Integral University. During his talk, he told that he is looking forward to growing good relations with India and Integral University. The Hon'ble Vice-Chancellor, Prof. Javed Musarrat said a few words about how we can strengthen the relations between the two countries.

The event was attended by the Hon'ble Pro-Chancellor, Dr. Syed Nadeem Akhtar, Hon'ble Vice-Chancellor, Prof. Javed Musarrat, H.E. Mr. Mustapha Jawara, Mr. Lamin Singhateh, Deputy Head of Mission, Pro-Vice-Chancellor Prof. Aquil Ahmed, Deputy Director (Outreach), Mr. Ghazali Sami, and other high officials of Integral University.



H.E. Mr. Mustapha Jawara, High Commissioner of the Republic of Gambia



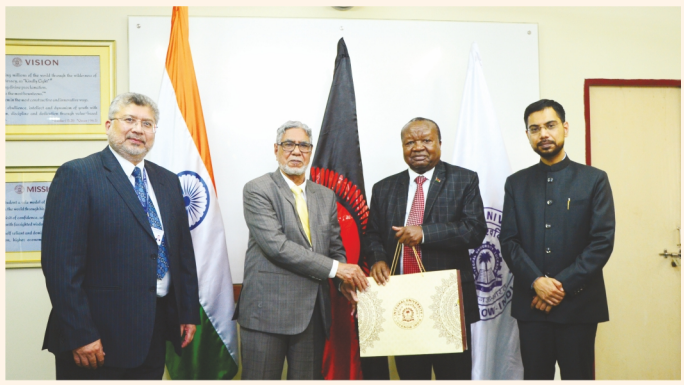
Hon'ble Vice Chancellor attending a high level Meeting at Integral University.

A talk on Africa-India Relations:

A talk on Africa-India Relations by H.E. Mr. George Mkondiwa, the High Commissioner of Malawi to India was organized by Integral University on 17th September 2021. The event was attended by Hon'ble Pro-Chancellor, Dr. Syed Nadeem Akhtar, Hon'ble Vice-Chancellor Prof. Javed Musarrat, H.E. Mr. George Mkondiwa, and Mr. Alfred Vilili, Counsellor Trade, Pro-Vice-Chancellor, Prof. Aquil Ahmad, Dr. Shahid Ali Khan, Registrar and other higher officials of Integral University. Africa-India relations are deeply rooted, which always served and will serve as a solid foundation for the development and strengthening of bilateral cooperation in the political, economic, cultural, and humanitarian spheres between both countries, said Dr. Nadeem Akhtar, Pro-Chancellor, Integral University. H.E. Mr. George Mkondiwa, the High Commissioner of Malawi said that more than ten thousand students from Malawi are currently studying in India and we need to enhance the relationship between India and Malawi. He also appreciated India for helping Africa during Covid times and for providing almost 50k vaccines to Africa



H.E. Mrs. Hayet Talbi Bilel, the Ambassador of Tunisia to India



H.E. Mr. George Mkondiwa, the High Commissioner of Malawi



Internatioonal Student- Graduation Ceremony











> "Equality is not just the right thing to do.
> It's smart economics.
> How can an economy
> achieve full potential if it ignores,
> sidelines, or fails to invest
> in half its population?"
>
> -Robert Zoellick

The Symposium on "Gender Equality and Health Promotion in Women"

A Two-Day Symposium was organised by the Faculty of Pharmacy and Women's study Centre, under the aegis of IQAC, Integral University, on 22nd and 23rd of August, 2022 on the topic "Gender Equality and Health Promotion in Women". The Symposium was intended to apprise gender-oriented issues and gender inequalities which can give rise to a socio-psychological imbalance between men and women in access to basic amenities concerning social wellbeing, physical and mental health.

Integral University believes in creating a sustainable, holistic learning environment that enriches and caters to the needs of all stakeholders. In recent times, we have been witnessing to several issues concerning gender bias existing in our society at various strata posing threat to the physical & mental health of women. We all know that a healthy society can sustain only when there is equality in terms of basic amenities and opportunities provided for one and all.

Hence, with this vision and focus on the lines of UNAI (United Nations Academic Impact Principles), the symposium was organised with the UNAI principal no.3 as its core theme which states, A commitment to educational opportunity for all people regardless of gender, race and religion.

DAY-I

Inaugural Session: The symposium began with a welcome address by Mrs Kavita Agarwal, Chairperson, Women's Study Centre and Head, Department of Computer Science and Engineering. The first-day program of the symposium was moderated by Dr Arshiya Shamim, Assistant Professor, Faculty of Pharmacy, where she welcomed the guest speaker and highlighted the importance of gender equality and health promotion for women.

Scientific Session: Prof. Sujata Sharma, Department of Biophysics, All India Institute of Medical Sciences, New Delhi, delivered the keynote address in the first session of Day-I. She outlined the topic "Impact of underrepresentation of women and pervasive inequalities in the society." She highlighted the patriarchal setup, gender bias and social customs targeting women which dictate that supervision by men is implicated in all affairs. Further, she opined that girls should be motivated by goal accomplishments like self-actualization, esteem, love and belonging. She emphasized efforts to achieve gender equality and empower all women and girls.

The Second Speaker of the session, Dr Anurekha Jain, Founder NGO Anokhi Manav Sewa Samiti, Prof TIT College of Pharmacy, delivered her address on the topic "To overcome gender bias and advocate women employment", where she spoke about education, innovation and entrepreneurship among women. She highlighted the need for realising the purpose of education among women as it provides livelihood employment viz. freelancing and entrepreneurship. She exclaimed that future women entrepreneurs should focus on planning, organization, decision making and risk bearing.

DAY-II

The Day II of the session started with the welcome address by Mrs Shabana Khatoon, Assistant Professor, Faculty of Pharmacy, where she welcomed the guest speakers.Dr Saiprasanna Behera, Director at CRO PharmatrendzPvt. Ltd. delivered her address on the topic "Advocation of women's health: Fundamental driving force for the attainment of sustainability". She highlighted that social, economic, environmental, political and demographic transitions affect women's health and their rights and roles in society. She outlined that we should develop and implement an accountability framework and indicators for women and health and establish independent mechanisms at the global levels.

The esteemed speaker of the second session was Prof (Dr) Kamla Pathak, Dean Faculty of Pharmacy, University of Medical Sciences, Saifai, Etawah. She delivered her address on the topic "Societal denial of gender equality and its consequences". She highlighted that gender inequalities impact health, economic condition, sex ratio and educational attainment of women. Uneven access to education, lack of employment, and job segregation are some of the inequalities faced by women all over the world. She concluded by outlining that the World Economic Forum estimated that it will take another century before true gender equality becomes reality. All four speakers, experts in their respective domains, were further invited for a panel discussion with the organisers and participants of the symposium on the various aspects like gender bias, inequality and societal dogmas that limit the provision of opportunities for all, based on gender. This session witnessed an enthralling discussion amongst panellists and brought to the surface some less spoken inevitable issues faced by women in general. The programme was concluded with a vote of thanks given by Dr Anuradha Mishra, Associate Professor, Faculty of Pharmacy, Integral University, Lucknow, who congratulated and expressed his heartfelt gratitude towards the eminent speakers. The organisers of the event were Dr. Anuradha Mishra and Dr.ShaziaUsmani. The committee members were Dr.VaseemA.Ansari , Dr.Arshiya Shamim, Mrs. Shabana Khatoon and Ms.Rufaida Wasim, student co-ordinators.

Department of Humanities & Social Sciences

> "Art and humanities define who we are as a people. That is their power to define what we each have to offer, and what we all have in common. To help us understand our history and imagine our future. To give us hope in the moment of struggle and to bring us together when nothing else will."
>
> -Michelle Obama

"Gender equality today for a sustainable tomorrow"

The event was organized by the Department of Humanities and Social Sciences, Integral University, Lucknow, to celebrate International Women's Day on 7th March 2022. The purpose was to emboss the virtue and importance of the theme, as declared by UN Women. The special guest, Saba Siddiqui, Head, Department of Agriculture, talked about the change in perspective of the parents. Dr. Adnan Khan Lodi, Dr. Shahid Ali Khan, and Prof. Zeba Aqil, were also presented as guests of the day. The event included competitions Essay Writing, Poster making, and Rangoli making as well as cultural events to mark the historic day.

'World Bipolar Day' was celebrated by Faculty of Humanities and Social Sciences, IUL, with the aim to create awareness about Bipolar Disorders. A special lecture on "Bipolar Disorder: Awareness and Treatment" was delivered by a renowned Psychiatrist, Dr. Parul Prasad (MBBS, MD Psychiatry) CIMSH. She explained the different symptoms of Bipolar disorder, phases, prognosis, and interventions that can be applied. In her talk she emphasized the need for early intervention, reducing stigma, and spreading awareness. The informative lecture helped the students and the faculty members to learn about the nuances of the concerns related to Bipolar Disorder. Other guests of the occasion were Prof. Shahid Ali Khan, Prof. T. Usmani, Dr. Adnan Khan Lodi and faculty members of other departments. This event included Collage competition and a Skit demonstrating symptoms of a person suffering from Bipolar Disorder.



"Ambedkar ka Bharat" an event to celebrate Dr. BR Ambedkar's Jayanti was organized on 13th April 2022, by Faculty of Humanities and Social Sciences, IUL. Prof. Ripu Sudan Singh, (Professor and Dean, Department of Political Science, Babasaheb Bhimrao Ambedkar University, Lucknow) the guest of the occasion, delivered an informative lecture to help the students and the faculty members to learn about the life and work of Dr.BR Ambedkar. Dr. Adnan Khan Lodi talked about how Ambedkar dreamt of an equal and fair India. Prof. Zeba Aqil emphasized upon 'how important it is to remember the principles of Dr. Ambedkar'. Dr Shahid Ali Khan and faculty members from other Departments also graced the event. All the guests bestowed the students with their blessings, experience, and words of hope and wisdom.



Prof. Ripu Sudan Singh, Professor, Department of Political Science, B.B.A. University, Lucknow

Mission Shakti

An event was organized under the aegis of Mission Shakti, an initiative of U.P. Govt. on April 30, 2022 as per the directives of Dean Students Welfare



Dr. Vaishali Saxena, Associate Professor, Department of Public Administration, University of Lucknow

Prof. M. A. Khalid, Faculty of Humanities & Social Sciences, IUL. An informative lecture was given by the guest of the occasion, Dr. Vaishali Saxena, Associate Professor, Department of Public Administration, University of Lucknow, to learn about the pathway of development of women and how women come in the main stream of development. Dr. Adnan Khan Lodi, shared his views about how women are becoming more powerful day by day. Prof. Zeba Aqil, talked about the importance of the women in the society. Prof. Shahid Ali Khan, also graced the event. The Winners of the competition and the guests were felicitated.

A Value-added course on **"Human Rights: A General Perspective"** conducted by Faculty of Humanities and Social Sciences, Integral University, Lucknow from May 9, 2022. This program aimed to enlighten students about the general perspective of human rights and its different legal strands.

"POWERFUL DREAMS INSPIRE POWERFUL ACTION". A career counselling session was organized by the Faculty of Humanities and Social Sciences on May 25, 2022. The session was facilitated by Er. Vipin Mishra (PCS, Officer, Govt of U.P.). He briefed about the structure and pattern of the UPSC Examination; and gave suggestions, tips and guidance to the students for preparing for the Civil Services. He asked the students to focus on strengthening their basics by studying NCERT class sixth to twelfth social science textbooks and class sixth to class ninth Science textbook thoroughly. It is possible for an UPSC aspirant to clear the state level Public Services. This session was followed by the question-and-answer session that was open to the participants. He clarified numerous doubts and debunked myths about the Civil Services. He motivated the students to be confident and communicative in life. Besides, hard work, time management and focus on the line opted are important aspects to be taken care of. Students and faculty enthusiastically asked him various questions and got satisfactory answers. All the students were highly motivated and got to know about various opportunities after completing their graduation. It was a very informative day for the students.

'1857 की क्रान्ति में वीरांगना रानी लक्ष्मी बाई की भूमिका' an event was organized under the aegis of Mission Shakti, an initiative of U.P. Govt. on April 30, 2022 as per the directives of Dean Students Welfare Prof. M. A. Khalid, Faculty of Humanities & Social Sciences, IUL. The guest speaker - Dr Firdous Hameed Paarey - who is an Assistant Professor (History), Maulana Azad National Urdu University (Lucknow Campus) invited for delivering lecture on '1857 की क्रान्ति में वीरांगना रानी लक्ष्मी बाई की भूमिका'. His lecture outlined many important aspects ranging from the life and time of Rani Laxmi Bai and how she set an example of one of the most iconic figures among Indian women. In addition, speaker also focuses on how Rani Laxmi Bai fought against the British mightiest force and became an inspiration for us.

As per the tradition, the Faculty of Humanities and Social Sciences organized a Guest Lecture entitled 'Fundamentals of Bloom's Taxonomy in Higher Education' on July 1st, 2022 at 01.30 PM. This interactional lecture was delivered by a renowned Educationist Dr. Smita Srivastava, Assistant Professor, Department of Education, Integral University, Lucknow. Her lecture outlined many important aspects of Bloom's Taxonomy. She threw light on how Blooms' Taxonomy can be a powerful tool for teacher's dialect to converse and reciprocate learning and assessment methods. How it provides a framework for higher order outcomes based on learning. How it can be used to test and reinforce learning as term progresses and educators can course correct and re-focus on areas of learning where students are struggling. Bloom's Taxonomy helps the teachers to understand the objectives of classroom teaching. It guides them to change the complexity of the questions and helps students to achieve higher levels of hierarchy. Further, it helps to develop critical thinking among teachers. The lecture was well attended and informative, and faculty members as well as students enthusiastically participated in her various questions and got satisfactory answers. Lecture was organized on the YouTube channel of Humanities & Social Sciences which was devotedly attended by our Subscribers and participants.

A Counseling Session organized by the Faculty of Humanities and Social Sciences entitled "Opportunity Don't Happen, You Create Them" on July 07, 2022 at 10.00 AM. Counselling is just like a therapy which allows people to speak out what is in their mind without having a feeling of being judged or commented on. It is considered to be an important step to take before deciding on a permanent career. The counselling session was facilitated by the Psychologist & founder of 'Peace of Mind Healing & Counseling Centre', Dr. Rubeena Khatoon (MA, M. Phil, PhD-Psychology). Dr. Rubeena inspired all the young minds with a detailed discussion on the ample of opportunities and career options they can choose from Science, Commerce and Arts. She helped students to assess their skills, needs, and desires in order to find a career that works for them. She also emphasized that career selection is one of the most significant decisions in one's life and therefore, it must not be taken under parents' compulsion or peer pressure. She also motivated the students to never go out following their passion. Students enthusiastically asked her various questions and got satisfactory answers. Prof. Zeba Aqil, Head, Humanities and Social Sciences, emphasized upon & motivated the students to be confident and communicative in life. Besides, hard work, time management and focus on the line opted are important aspects to be taken care of. All the students were highly motivated and got to know about various opportunities after completing their graduation.

Glimpses of the Session

The Faculty of Humanities and Social Sciences organized a Guest Lecture entitled 'Sustainable Development Goals: Cognizance & Exposition' on July 27th, 2022. This informative and worthy interactional lecture was live on YouTube and delivered by Dr. Snehlata, Assistant Professor, (Political Sciences) Department of Humanities & Social Sciences, Integral University, Lucknow. Her lecture outlined many important aspects ranging from the

concepts of SDGs, to need of multiple resources and a fit environment to live effortlessly. She emphasis on to encourage alternative ways of working that conserve the environment and enriches natural resources, so this way as a nation we can reduce the global climatic changes, ozone depletion, food scarcity, overpopulation, species loss and deforestation. She concluded that sustainable development is the key to ensuring a safer future for the forthcoming generations.

Faculty of Humanities & Social Sciences, Integral University celebrated Kargil Vijay Diwas on July 26, 2022 (under the aegis of "Azadi Ka Amrit Mahotsav"), as per the directives of Dean Students Welfare Prof. M.A. Khalid. On this occasion, an online cultural program was organized to commemorate the sacrifices of defense-forces. Cultural Program encompassed documentary presentation, guest lecture, along with students' cultural program. The chief guest Colonel Sanjay Tripathi gave a detailed presentation on the Kargil War that took place in 1999, which included the background of the war, strategies, and difficulties. Further, the guest of honor Mr. Rakesh Nikhaj (Deputy Commandant-CISF & UPSC CAPF officer-2012 batch) shared his real experiences of the war and also talked how his team fulfilled their responsibilities of keeping check at the supply of the different necessities such as armaments, food, medical assistance, communication networking during the combat. Mr. Mahesh Prasad (Head Constable, 143 Battalion) & Mr. Kripa Shankar Yadav (Head Constable, 143 Battalion) also shared their personal experiences of Kargil war of 1999, and revealed how Indian Army fought and recaptured the peaks occupied by the Pakistan Army and hoisted the tricolor atop the high-altitude Kargil. This event was live on the YouTube channel of Humanities & Social Sciences which was devotedly attended by our Subscribers and participants.

Faculty of Humanities & Social Sciences, Integral University, celebrated Hindi Diwas on September 14th, 2022. This interactional lecture was delivered by a renowned Educationist Dr. Smita Srivastava, Assistant Professor, Department of Education, Integral University, Lucknow.

Human Rights Day-2021



Hon'ble Pro-Chancellor, Dr. Syed Nadeem Akhtar



Prof. DNNS Yadav, Retd. Professor, Lucknow University,



Prof. Balraj Chauhan, Ex-VC, Dharmashastra National Law University, Jabalpur





From Left : Dr. Mohd. Haris Siddiqui, Prof. Dr. D.N.N.S. Yadav, Prof. Aqil Ahmad, Dr. Syed Nadeem Akhtar, Prof. Balraj Chauhan & Dr. Naseem Ahmad

Faculty of Law

> "At his best, man is the noblest of all animals; separated from law and justice he is the worst."
>
> -Aristotle

The Session 2021-22 started with 1st International Faculty Development Program on "Changing Paradigms of Human Rights in a Globalized World" designed to enhance the teaching and other skills of the faculty from 6th July-20th July 2021. The Department through its various Departmental societies under the supervision of the Dean's student welfare (DSW) successfully celebrated "Azadi ka Amrit Mahotsav", an initiative of the Government of India to celebrate and commemorate 75 years of progressive India from 2nd October 2021-14th November 2021 with skit competition, Debate competition, Signature Campaign as its main highlights.

The faculty also observed the three biggest events under the aegis of Moot Court and Debating Society during the entire session.

Constitution Day

Every year on 26th November and 10th December, the faculty with great enthusiasm celebrated Constitution Day and International Human Rights Day. This year, the Constitutional Law Society celebrated 2nd Human Rights Day, by organizing guest Lectures by Prof. Balraj Chauhan, Ex-VC, Dharmashastra National Law University, Jabalpur, and Prof. DNNS Yadav, Retd. Professor, Lucknow University, Lucknow on the theme "Equality Reducing Inequalities, Advancing Human Rights" followed by the prize distribution ceremony for various events done. The faculty also organized a Guest Lecture on "Seven Decades of Indian Constitution: Challenges and Opportunities" on 7th February 2022 where Prof. Faizan Mustafa, Vice Chancellor, NALSAR, Hyderabad, delivered the commendable lecture on the development of the Indian Constitution during the last seven decades and its impact on modern times.

The Faculty, through its Environmental Law Society, organized a Panel Discussion on **"Energy and Sustainable Development Goal"** dated 19th February 2022 where Ms. Divya Singh Rathore, Assistant Professor, NLU Orissa and Ms. Anita Yadav, Assistant Professor, Campus Law Centre, Delhi University, highlighted the key points of importance of sustainable development goals adopted by United Nations.

The Department also organized an extension activity through the Legal Aid Society by a visit to Lok Adalat at District Court, Qaiserbagh, Lucknow on 12th March 2022 for the purpose to understand the working of the court, the nature of duties of the Judicial Officers on the concept of Dispute Settlement outside the court.

International women's Day

"Status of women in the contemporary world" and the International Conference on **"Emerging Trends in Technology and its impact on Law"** in the academic account. The events were organized on the occasion of international women's Day 2022 and the International Conference on 29th - 30th March with the support of the Department of Computer Applications. Prof Faizan Mustafa, Vice Chancellor, NALSAR addressed the audience.

The Cultural and Literary Society

The Faculty of Law, Integral University, collaborated with the Environmental Law Society on International Plastic Bag Free Day, celebrated on July 3rd, it is a global initiative that aims to eliminate the use of plastic bags. International Plastic Bag Free Day looks for safer alternatives to demonstrate that a world without the use of so much plastic is possible. It is a part of the Break Free from Plastic Movement, which began in September 2016, and has been joined by nearly 1,500 different organizations. In lieu of this, NATIONAL, ONLINE ESSAY WRITING COMPETITION was organized. The main aim of this competition was to discourage the use of plastic bags and contribute toward the betterment of our environment and direct the student's minds to constructive ideas which have a positive outcome for the enhancement of our society.

Teachers Day

Teachers Day is celebrated every year on the 5th of September to mark the birth anniversary of Dr. Sarvepalli Radhakrishnan. Keeping the importance in view, the Faculty of Law, on 5th September organized a caravan of fun events for the Professors. On this precious occasion, Dr. Saba Siddiqui, Head of the Department of Agriculture, honoured the event with her presence along with Dr. Naseem Ahmed, Head & Dean of the Faculty of Law. The whole event comprised three programs i.e. Open Mic, Game of Charades and Ethnic walk by Professors.

Faculty of Law (Some glimpses)

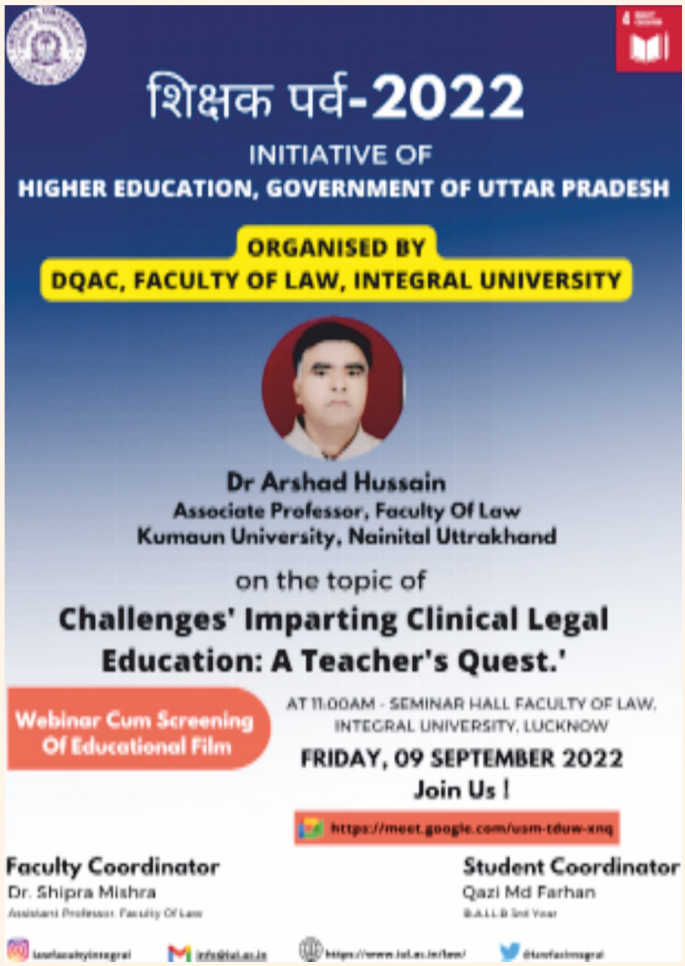












Department of Languages/English

> “Literature is a comprehensive essence of the intellectual life of a nation.”
>
> -William Shakespeare





The Department of Languages objects to advancing the academic strategy of the Department in line with Integral University's strategic plans and direction. It also aims to promote and represent the university both internally and externally. The Department anticipates generating a culture of excellence, collaboration, teamwork, and admiration. It has made effective use of all staffing resources and sought opportunities for collaboration and joint working with other Departments. Apart from these, various activities have been organized by the Department to engage the students actively in co-curricular and extracurricular activities to achieve the goal of Sustainable Development (SDG).

The Department observed the **International Day of Education** on January 24, 2022, to focus on the importance, role, and responsibility of education for establishing peace and development. By keeping the word of the great philosopher in mind that "Educating the mind without educating the heart is no education at all", the students of B.A Hons. (English) and M.A (English) submitted a well-meaning rhyming couplet on the subject.

The Literary Committee under the aegis of the Department organized a **Slogan Writing Competition (English)** on the occasion of a Three-Day University Event- FIESTA 2022 (24 March 2022 to 26 March 2022). The event was held on the second day of FIESTA i.e., 25h March 2022 from 12 to I pm in NLT-20. The theme of the competition was **"Write for Human Rights"** to create awareness among the students and the entire university regarding ethics, values, and especially human rights. The Literary event **"Mushaera**, - a student's presentation and one of the mega events of "Fiesta", was coordinated by the HOD of the Department.

The Department celebrated **World Poetry Day (21 March)** to emphasize the importance of poetry in contemporary times. **World Poetry Day (March 21)**, The Dept. organized a poetry recitation event the same day from 11 a.m. to 12: 30 p.m. in NLT-21 wherein faculty members (Languages) and students from B.A Hons. (English), B. Tech and B. Sc (AG) enthusiastically participated. Some recited self-composed poems, whereas some recited poems of different poets of different languages which made the event multilingual and more enriching and engaging. Some recited British poets while some added beauty to the event with the touch of Hindi Kavita and Ghalib's, Ahmad Faraz's, and Rahat Indori's Ghazals.

To commemorate International **Mother Tongue Day** on 21 February, the Department organized a few writing activities to promote awareness regarding linguistic and cultural diversity and to promote multilingualism. The students were encouraged to write a slogan or poem or essay to emphasize the importance of one's mother tongue in a globalized world. The students enthusiastically participated in the competition and submitted the write-ups in English, Hindi & Urdu to celebrate and promote multiculturalism in contemporary times. The winners of the competition are Stephen Odhiambo, Yashaswinee Mandhyan, and Effat Mahwish.

International Literacy Day

On International Literacy Day i.e. 8th September 2021, an offline Literary Talent Program was conducted by the Department of Languages (English). The theme of the Program was "SPECTACLE YOUR HIDDEN TALENT", wherein students participated in writing:

A) A Jaw-Dropping Gothic Short Story, B) A Love Sonnet, C) Couplets on your College Life.

Students from Odd Semester, Semester 3, and Semester 5 of B.A.(Hons), English, participated in the activity and the Program was conducted in NLT-20.

Release of Integral University Newsletter 2021

Integral University Newsletter 2021 was released by the honourable Chancellor, Vice Chancellor, and other authorities of the University on 1 July 2021. It was edited by Dr. H.M. Arif Nadvi, with the overall reflection of the various Departments of the University.

Winner of Sham-e Awadh

It was an overwhelming experience and achievement of the student of the Department of Languages as the winner of the programme Sham-e Awadh. Mohammad Ifham , a student of B.A final (English) who was the winner of the program Sham-e- Awadh organised in Fiesta 2021 while the other student of B.A final (English) Nahid Farah Khan was on fourth place in the final round.

Highlights of the Guests Lectures and IFDP



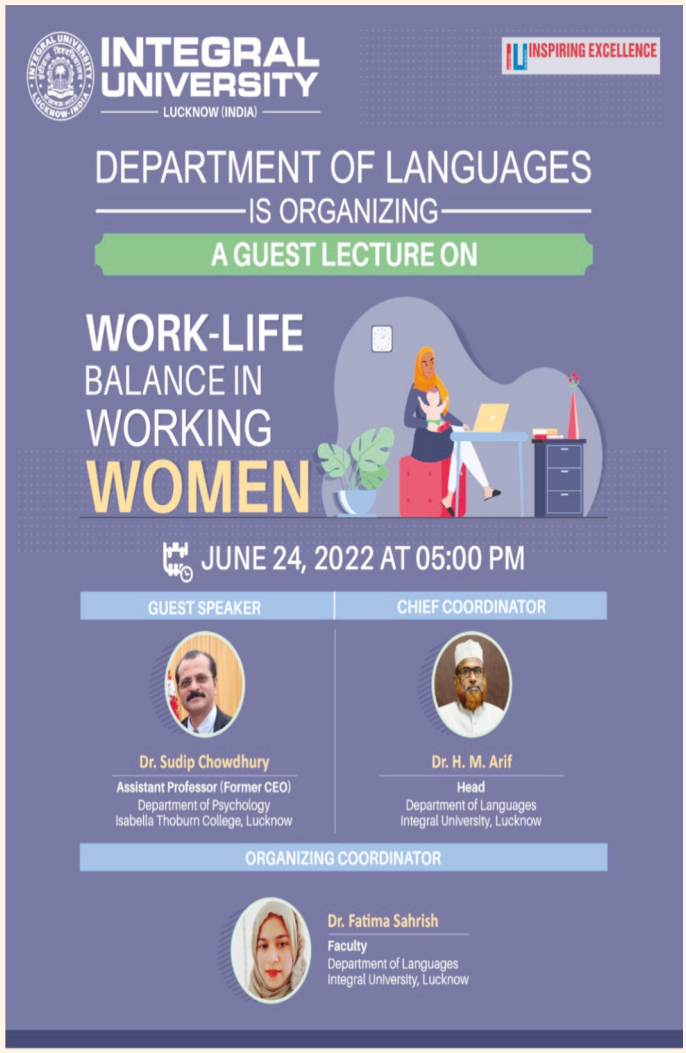


The Department successfully organized An International Faculty Development Program in association with United Nations Academic Impact (UNAI) from June 27th to July 9th, 2022. The IFDP is the first-ever program to



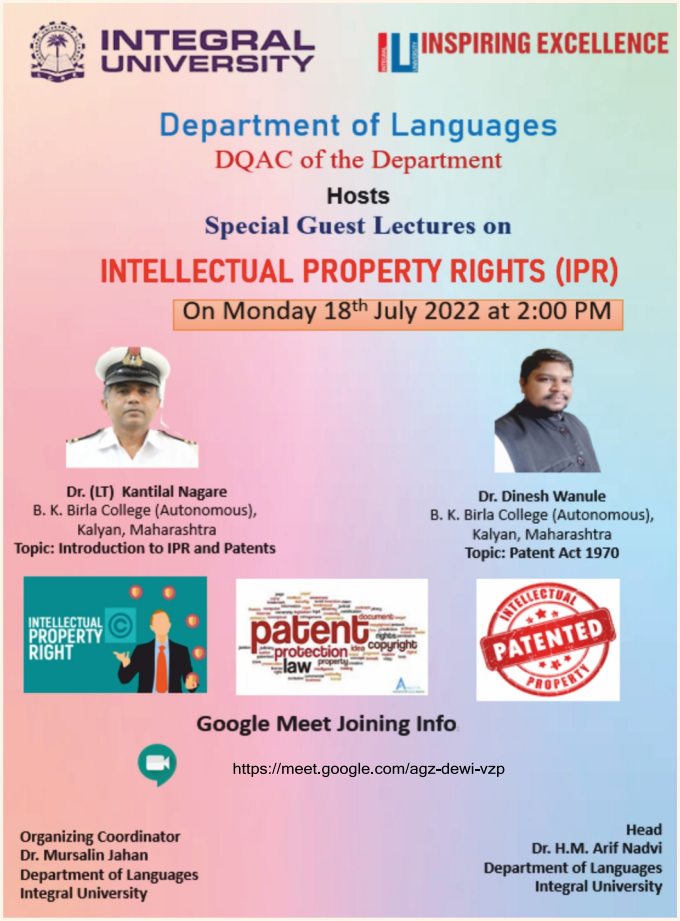
be conducted under the umbrella of United Nations Academic Impact (UNAI) with the commitment to educational opportunities for all people regardless of gender, race, religion, or ethnicity. The program aimed at analyzing the discourses and narratives prevalent in the corpus of English Literature in the hyper-real, trans-cultural age of today that has cut across the religious, social, and cultural existence of man. The program was efficiently coordinated by Dr. H.M. Arif Nadvi, Convener IFDP, Dr. Aareena Nazneen, Convener IFDP & Ms. Vanya Srivastava, CO-Convener IFDP.

The Department organized an online guest lecture on **"Work-Life Balance in Working Women"** on July 24, 2022, at 5:00 p.m. for the fulfilment of NAAC, DQAC. The expert of the event was Dr. Sudip Chowdhury, Assistant professor, Isabella Thoburn College Lucknow, (former Head, Era Medical College & CEO, NERFBLUT Hyderabad). The program was coordinated by Dr. Fatima Sahrish. The purpose of this lecture was to discuss the effect of long working hours, family responsibilities, work-life conflict, and various factors affecting the mental and psychological health of women.



DQAC of the Department of Languages, successfully hosted Online Special Guest Lectures on **"Intellectual Property Rights"** on July 18, 2022. The objective of the guest lectures was to empower the academicians, faculty members, research scholars, and postgraduates, especially those belonging to the field of Humanities and Social Sciences with the knowledge of various

categories of intellectual property rights and the laws governing the defence of the rights of the patentee with special focus on Patent Law of 1970. Dr (LT) Kantilal Nagare and Dr. Dinesh Wanule, both from B. K. Birla College (Autonomous), Kalyan, Maharashtra were invited to serve as the resource persons in order to shed light on the IPR and Patent Act1970. Dr. (LT) Kantilal Nagare presented a comprehensive review of intellectual property rights and patents under the heading "Introduction to IPR and Patents." Dr. Dinesh Wanule shared his ingenious views on the topic "Patent Act 1970," focusing on the objectives of the Patent Act 1970 and the process of filing for patents under this law. Keeping in mind the needs of Literature and Language researchers, both the speakers effectively explained to the virtual audience that, how any literary, artistic, or musical work could be a patent. This Program was coordinated by Dr. Mursalin Jahan.



Visit to rural areas :

For many years women's rights movements have been struggling to address inequality, campaigning to change laws, or taking to the streets to demand their rights. New movements have flourished in the digital age, such as the #MeToo campaign, which highlights the prevalence of gender-based violence and sexual harassment. Through research, advocacy, and campaigning, Amnesty International pressures the people in power to respect women's rights.

The students and faculty of the Department visited the village as a part of the campaign with the purpose of spreading awareness in the nearby villages. The campaign was held on campus. As it also turned out to be an interesting initiative for students to know the importance of Women's rights and laws. The program by the students and faculty of the department began with a speech by the Head of the Department, Dr. Arif Nadvi and the contribution of the coordinators Dr. Amna Shamim Mr. Sayed Raj Askari, who, along with Dr. Wahaj Mohsin, Dr. Aareena Nazneen, Dr. Fatima Sahrish, Dr.Mursalin Jahan, Ms. Mehar Jahan Bushra, Ms. Vanya Srivastava, and Dr. Zeba Rizvi went to the village Paikaramau to educate women about their rights and the laws that are for their protection in the Indian constitution. On this occasion, the students of the department came up with wonderful ideas like making charts.

MoU with the Open Ocean Foundation

It is a matter of enormous delectation that the Department of Languages, Integral University, has signed MoU with the Open Ocean Foundation to provide specific communication training to students as well as faculty members. Dr.Aareena has been appointed as the coordinator of the program that includes the following details:





1. Campus to Work Readiness Program- for students (non-financial)
2. Leadership by Consciousness-for faculty members (non-financial)
3. IELTS (Paid Program).

Highlights of the events under Azadi Ka Amrit Mahotsav 2021-2022

Azadi Ka Amrit Mahotsav is an initiative of the Government of India to celebrate and commemorate 75 years of independence and the glorious history of its people, culture, and achievements. To commemorate the



monumental occasion, the Department of Languages was honoured to organize a cultural program "Kavi Sammelan" on the theme of "Patriotism" on August 14, 2022, from 11.00 am onwards (Online) under the aegis of "Azadi Ka Amrit Mahotsav," This Mahotsav was dedicated to the people of India who have not only been instrumental in bringing India thus far in its evolutionary journey but also hold within them the power and potential.

To commemorate the monumental occasion, the Department of Languages organized an online **Debate Competition** on the topic 75 Years of Independence and Challenges Ahead on 9 August 2022 at 11:00 a.m. through Google Meet. Interested participants are advised to join the WhatsApp Group before the screening on 8 August 2022 for further queries. The faculty coordinators of Languages were Dr. H.M Arif nadvi and Dr. Aareena Nazneen.

It organized an online **Essay Writing Competition** on 11 August 2022, under the theme Azadi ka Amrit Mahotsav to celebrate the rapid stride that India has taken in the past 75 years. This festival encourages us to rediscover our hidden strengths and prompts us to take sincere synergistic action to give honour to our unsung heroes of freedom struggle.

Magazine Launch

The Department of Languages (English), Integral University Lucknow, organized the Launching Ceremony of the first edition of Students' Literary Magazine- Rainbow Chasers on 18th May, 2022. The event was graced by luminaries such as Chancellor and Founder, Prof. S.W. Akhtar, Vice Chancellor, Prof. Javed Mussarat, Pro Vice Chancellor, Prof. Aquil Ahmad, Registrar, Prof. Mohd. Haris Siddiqui, Director Admin Affairs IIMS&R, Syed Fauzan Akhtar and Deans and Directors of various departments. This has been a long-standing venture of Dr. Arshi Khan and Dr. Mursalin Jahan. The magazine was ingeniously edited by students, Department of Languages, T.S. Sudhish and Adeeba Khan. The event began with a paean for the Honorable Chancellor, celebrating his magnificent personality and remarkable contributions to the growth and development of the university.

The students further put up resplendent performances, namely, self-composed poetry recitation, songs, skits and thought-provoking speeches envisaging the journey of a women research scholar and experiences of foreign students. The event was lauded by the dignitaries and all present. The Chancellor praising the novel efforts of the department mentioned that the





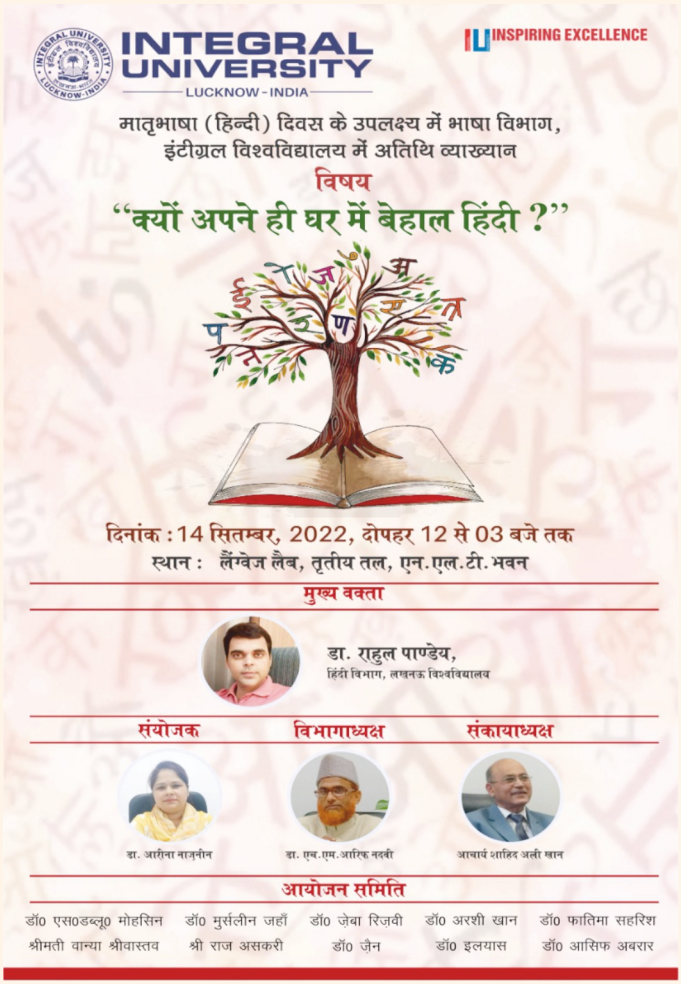


magazine reflects the creativity and artistic flair of students which has been his dream turned into reality. The Vice-Chancellor expressed his appreciation of the event and praised the unique character of the Department of Languages which has a pan-university appeal.

The event closed with a vote of thanks by the faculty coordinators of the magazine, Dr. Mursalin Jahan and Dr. Arshi Khan. They acknowledged the contribution of the Head of the Department, Dr. H.M. Arif Nadvi has been a silent invaluable pillar of the department. They extended their gratitude to the faculty and teachers for their unconditional support for the event.

Hindi Diwas

The Constituent Assembly of India espoused Hindi as India's official language on 14 September 1949. Hindi written in Devanagri script is one of the two



official languages of the Union Government and the other language is English. It is one of the 22 languages of the Republic of India. It is celebrated as Hindi Diwas on 14 September across schools, colleges, offices, and organizations to showcase the importance of the day and the language. The day commemorates the event when Hindi was adopted as one of the official languages of India. The Department of Languages Integral university is going to organize an offline guest lecture on the topic **" Kyon Apne Hi Ghar Me Behaal Hindi"** on the occasion of Hindi Diwas, at 12 noon on 14 September 2022, in Language Lab, NLT Building Third Floor. The Guest Speaker of the event is Dr. Rahul Pandey, Department of Hindi. University of Lucknow, Lucknow. The program was coordinated by Dr. Aareena Nazneen, under the mentorship of the Head, of the Department of Languages, and the Dean, of Humanities and Social Sciences, Prof. Shahid Ali Khan. The Program was a big success with the collaborative efforts of the other faculty members of the Department of Languages.

An Educational Trip-"Acatournee"

One day educational trip, "Acatournee" was organized by the Department of Languages, Integral University, on 29th September 2022. The trip comprised BA, MA students and research scholars of Languages (English) department accompanied by faculty members, Dr. H.M. Arif Nadvi (HOD), Dr. Mursalin Jahan, Dr. Aareena Nazneen, Dr. Asif Abrar, Dr. Ilyas and Dr. Zain Sulaiman. The trip was coordinated by Ms. Vanya Srivastava, Assistant Professor



(Languages), Dr. Zeba Rizvi, Assistant Professor (Languages) and Mr. Raj Askari, Assistant Professor (Languages), with the outright support of Dr. H.M. Arif Nadvi, Head (Languages).

The main aim of the trip was to acquaint students coming from different places, both national and international, with the cultural and heritage sites of Awadh. The places included Bada Imambara, Bhul-Bhulaiya, Shahi Baoli Kuan, Chota Imambara and Residency. The students were also provided authentic Awadhi Biryani for lunch to also give them a taste of Awadhi cuisines.

It was a new, interesting and informative experience for all. The trip sustained the idea of cultural connection between students from different regions and traditions.

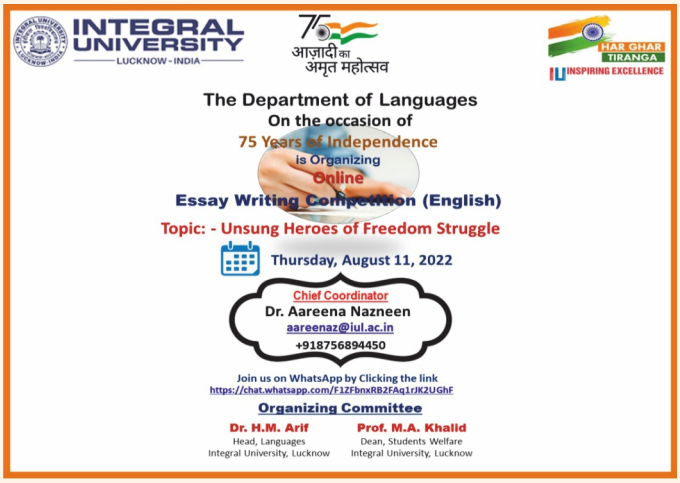
Debate Competition under Azadi Ka Amrit Mahotsav

With reference to the Higher Education Uttar Pradesh Letter no 310/R.U.S.P/05/2021 Dated: 14th July 2022 as part of the 75th anniversary of Independence, we are celebrating a number of events under "Azadi ka Amrit Mahotsav - Swatantrata Saptah" from 9th August to 15th August 2022. "Azadi Ka Amrit Mahotsav" is an initiative of the Government of India to celebrate and commemorate 75 years of independence and the glorious history of its people, culture, and achievements.

In the series of events a "Debate Competition" on the topic 75 Years of



Independence and Challenges Ahead has been organized by the department of Languages, Integral University on Tuesday, 9th August 2022, from 11:00 AM onwards, through Stream yard and broadcasted on YouTube Channel. The program was coordinated by Dr. H M Arif Nadvi and Dr. Aareena Nazneen. Dr. H M Arif Nadvi and Dr.Mursalin Jahan has judged the program.



Online Essay Writing Competition under the aegis of Azadi Ka Amrit Mahotsav

With reference to the Higher Education Uttar Pradesh Letter no 310/R.U.S.P/05/2021 Dated: 14th July 2022 as part of the 75th anniversary of Independence, the Department of Languages celebrated a number of events under **"Azadi ka Amrit Mahotsav – Swatantrata Saptah"** from 9th August to 15th August 2022. "Azadi Ka Amrit Mahotsav" is an initiative of the Government of India to celebrate and commemorate 75 years of independence and the glorious history of its people, culture, and achievements.

In the series of events an "Online Essay Writing Competition" on the topic of the ***Unsung Heroes of Freedom struggle*** has been organized by the department of Languages, Integral University on Tuesday, 11th August 2022, from 11:00 a.m. onwards. The program was coordinated by Dr. Aareena Nazneen and organized by Dr. H M Arif Nadvi, Head and Prof. Monower Alam Khalid, Dean of Students Welfare.

All the participants performed well and gave their utmost contribution to make the event the successful one. It was Judged by Dr. Zeba Rizvi

National Education Policy (NEP)

Education Policy lays particular emphasis on the development of the creative potential of each individual. It is based on the principle that education must develop not only cognitive capacities - both the 'foundational capacities 'of literacy and numeracy and 'higher-order' cognitive capacities, such as critical thinking and problem solving – but also social, ethical, and emotional capacities and dispositions. It is a matter of immense pleasure that the Department of Languages has taken initiative to implement NEP 2020 in the curriculum of the graduation program under the guidance of head of the Department Dr. Hafiz Mohd Arif Nadvi. The BoS was conducted on 25 August 2022. Prof. R.P Singh was the external expert of the Board of Studies. Other members of BoS from the Department of Languages, Dr. Arif Nadvi Dr. SW Mohsin, Dr. Mursalin Jahan, Dr. Aareena Nazneen Ms Vanya Shrivastava were also present in the meeting. Dr. Aareena Nazneen and Ms. Vanya Shrivastava coordinated the successful implementation and accomplishment of the National Education policy.





استقبالیہ نظم

شعبہ لسانیات-انٹگرل یونیورسٹی میں منعقدہ پروگرام "میگزین: رینبو چیزرس کی تقریب رسم اجرا"
کے موقع پر بانی و چانسلر-انٹگرل یونیورسٹی، پروفیسر سید وسیم اختر صاحب کی خدمت میں "استقبالیہ نظم" پیش کی گئی۔

پیش کش: شاداب ضیا خان
ایم، بی، اے۔سال اول۔انٹگرل یونیورسٹی، لکھنو۔

مرحبا شیخ! مری قوم کے رہبر آئے
خوش نصیبی ہے یہاں سید اختر آئے

زندگی دیکھ کے اختر کو سنور جاتی ہے
ان کی ہر بات ہر ایک دل میں اتر جاتی ہے

ہم نے دیکھا ہی نہیں آنکھ سے سر سید کو
آپ میں ان کی ہی تصویر نظر آتی ہے

ہاں وہ علم و ادب کا لئے گوہر آئے
خوش نصیبی ہے یہاں سید اختر آئے

آپ تہذیب کے سائنس و ادارے کے امام
شکر اللہ نے دیا آپ کو یہ اعلیٰ مقام

روح کی تازگی ہے دل کے لئے صدقِ کلام
حاکمِ وقت بھی کرتے ہیں عقیدت سے سلام

حق کی طاقت کو دکھانے کو قلندر آئے
خوش نصیبی ہے یہاں سید اختر آئے

کام آساں نہیں ویرانے کو گلشن کرنا
سر کو آتا ہے ہنر نیم کو چندن کرنا

میرے اللہ میرے محسن کو سلامت رکھنا
اس ادارے کو جہاں بھر میں تو روشن کرنا

کون سے لفظ چنوں شکر ادا کیسے کروں
آج ندیوں کی طرف چل کے سمندر آئے

یہ میرے شیخ مری قوم کے رہبر آئے

رسم اجراء کی یہاں آج سجی ہے محفل
عارف صاحب کی بھی ہیں اس میں دعائیں شامل

آج تک جن کو کتابوں میں ہی دیکھا ہم نے
آج دیدار ہمیں ان کا ہوا ہے حاصل

آج شاداب کی قسمت بھی ہوئی ہے روشن
بخت خفتہ کو جگانے میرے رہبر آئے





Farewel to M.A.II & B.A. III year students of the Department:





Department of Mathematics and Statistics

> "No human investigation can be called real science if it cannot be demonstrated mathematically."
>
> -Leonardo Da Vinci

National Mathematics Day

The 'National Mathematics Day was inaugurated with the welcome address by Dr. Abdul Wadood Khan, Head, Department of Mathematics & Statistics, Integral University, Lucknow.

Professor Zafar Ahsan, A.M.U. Aligarh was the Chief Guest of the Day. He delivered a plenary talk on the topic, 'Srinivasa Ramanujan: The man who played with numbers.'

Prof. Ashok Kumar Agarwal, Centre for Advanced Studies in Mathematics, Punjab University, Chandigarh, was the Guest of Honour of the Day. He delivered a technical talk on the topic, 'Some Glimpses of Ramanujan's Life and Work'.

A Quiz competition' Mathematica-2021' was organized through an online mode in which around 250 participants appeared. The qualified participants were awarded E-certificate.

The celebration ended with the vote of thanks proposed by Dr. Mobin Ahmad, Associate Professor, Department of Mathematics & Statistics, Integral University, Lucknow.

TWO-WEEK ONLINE PDP on "Statistical Data Analysis & Documentation with R" from NOVEMBER 16 to 29, 2021.

The main objective of this Fourteen Day PDP was to provide an opportunity for the interaction of researchers, students, and academicians to learn the R programming language and Latex. The entire PDP was productively



conducted on Google meet through expert lectures and practice sessions.

"Roots of Polynomials via Field Extensions"

The Guest Lecture was delivered on **"Roots of Polynomials via Field Extensions"** on October 29, 2021, by Prof. Meena Sahai, Department of Mathematics & Astronomy, University of Lucknow, Lucknow.

" Problem formulation for project dissertation work"

The Guest Lecture was organized on the topic" **Problem formulation for project dissertation work"** on March 29, 2022. The speaker for the lecture was Prof. Shashi Bhushan, Department of Statistics, University of Lucknow, Lucknow, India.

Mission Shakti- पंचायतीराज में सुदृणीकरण में महिलाओं की भूमिका:

Organised by faculty of Humanities & Social Science under aegis of Mission Shakti, an initiative of U.P. Govt.



Prof.Zeba Aqil, Head, Humanities and Social Sciences, Integral University, Lucknow

> “Strive for perfection in everything,
> take the best that exists and make it better, and if it doesn't exist, create it. Accept things nearly right or good enough”
>
> -Sir Henry Royce

Department of Mechanical Engineering



Seminar/Conferences/Workshop/Guest Lectures organized by the Department:

The Indian Society of Heating Refrigeration and Air Conditioning Engineers (ISHRAE), in an online meet, established a student chapter "CHARTER" and initiated an association with the Department of Mechanical Engineering and Department of Architecture, Integral University Lucknow, on February 10, 2022 for the dissemination of knowledge and providing a platform to the budding technocrats, especially in the field of Refrigeration & Air conditioning.

The Department organized A Two-Week Professional Development Program on **"Emerging Trends in Production, Design and Thermal Engineering"** from November 09-23, 2021.

It organized a paid **Training Course on CNC Machines** from 07.03.2022 to 12.03.2022 in the CNC lab of the Department.

It organized an online guest lecture on the topic **"Introduction of Mechanical Engineering and its Scopes"** by Dr. Mohd. Azhar, Associate Professor & HoD, Department of Mechanical Engineering Maulana Mukhtar Ahmad Nadvi Technical Campus, Malegaon, Maharashtra (India) on October 28th 2021.

It organized an **Alumni interaction** in Association, with Alumni Welfare Association, Integral University, Lucknow on March 14th 2022 for the students of B. Tech & M.Tech in the Central Auditorium. The guest speakers on this occasion were Er. Sanyog Kumar Singh, (B. Tech ME, 2015 batch), Officer, Fire & Safety, Sopan Operation & Maintenance Co. Pvt. Ltd. & Er. Osama Ansari, (B. Tech ME, 2016 batch), Senior Analyst, Strategy & Marketing, Micelio Mobility, Bangalore.

The Department of Mechanical Engineering in Association with Tek Navigators Pvt. Ltd, Lucknow, organized a One Week online workshop on **"The Role of CAD & CAE in Mechanical Engineering"** from August 09-13,2021

The Department of Mechanical Engineering in collaboration with ACE Engineering Academy organized a Live Webinar on **"Thermal Engineering "** on March 30, 2022. The expert for the aforesaid webinar was Mr. Shankar Jarasandh Wadne, Sr. Faculty member of ACE Engineering Academy and an IIT Delhi Alumnus.

It organized an online Value-Added Course (VAC) on **"PRODUCT DESIGN USING MODERN TOOLS"** for the students of Integral University, Lucknow. The Five-Week online Value-Added Course with 30-hours of active engagement was organized from July 5, 2021, to August 14, 2021, on Integral University LMS (ILI).

The Department in collaboration with the Women's Study Centre organized a programme, **"An Interactive Session with Dr. Farah Usmani"** on October 2nd 2021. Expert Speaker was Dr. Farah Usmani, United Nations, UNFPA, New York Director D-1, International Health & Development.

The Department in collaboration with the ISHRAE chapter, Lucknow, arranged an industrial visit for the B.Tech., Mechanical Engineering students , to the Variable Refrigerant Volume (VRV) Air Conditioner plant located in Khadra, Lucknow, on December 23, 2021.

Two-Day Workshop on “Mechanical, Electrical and Plumbing-

The Department organized a Two Day workshop on **“Mechanical, Electrical and Plumbing-MEP”** in collaboration with Sofcon India Pvt. Ltd., Lucknow on September 27-28.

Sofcon group is affiliated with National Skill Development Corporation (NSDC), a Ministry of Skill Development Govt. of India Initiative. The organizing partner SOFCON has been chosen as a partner for skill up-gradation and job-oriented training and knowledge enhancement to Engineers in line with the latest trends of MEP & HVAC.

Dr. P.K.Bharti, Professor and Head, Department of Mechanical Engineering, inaugurated the workshop with the welcome address. The workshop benefited with the expert session by Er.V.S.Bhatnagar, working as MEP-Head at Sofcon Training Pvt. Ltd, Lucknow having vast experience in the field of MEP & HVAC in India as well as overseas.

Day One: Focused on the Basics of MEP in which the trainer from Sofcon, Mr. Bhatnagar explained Mechanical, Electrical and Plumbing with an introductory overview, environment setup and basic variables. The speaker also explained the advantages of HVAC used in the current era. The session continued with the various calculations and geometric visualization of HVAC concepts focusing on Mechanical and Electrical needs. The Latest technology VRV / VRF air conditioning was introduced to the participants along with its applications.

Day Two: Er. Bhatnagar continued his interactive technical session on the second day with some more mathematical calculations on the electrical parts of HVAC. Next part of the workshop focused on plumbing; in which the trainer explained the operations and functions of the plumbing system & various codes, details for fixtures used in plumbing installation, design of water distribution systems for buildings etc.

Workshop on "Conversion of Diesel TATA Safari into Hybrid Electric Vehicle"

A One Day workshop was organized by the Department of Mechanical Engineering, Integral University, Lucknow in association with CADD center, Lucknow on "Conversion of Diesel TATA Safari into Hybrid Electric Vehicle" on September 29, 2022.

The workshop included both theory and practical sessions to enhance the knowledge base and instill practical skills in the students. Expert Er. Karamveer Singh, Technical Leader CADD center, discussed recent technological advancements in electrical vehicles (EV), research project concepts and various tools for robust design. To enhance students' employability, he also discussed EV industry demands, future trends /scopes and the set of skills required in the students including SolidWorks, CAD/CAM and CAE.

The workshop commenced with the welcome of the expert team by Dr. P.K.Bharti, Head, Department of Mechanical Engineering. A total of 74 participants were present in the workshop. The session was highly interactive and informative and the esteemed speaker answered several queries from the enthusiastic participants.



Impact of Yoga and Mindfulness of Mental Health organised by IIMS&R, Integral University



Syed M. Fauzan Akhtar, Executive Director, Prof. (Dr.) Abha Chandra, Dean, Integral Institute of Medical Science & Reseach, Integral University



Faculty of Pharmacy

> "Always laugh when you can. It is cheap medicine."
>
> -Lord Byron

Faculty of Pharmacy observed World Pharmacists Day on 25th September, 2021

The International Pharmaceutical Federation congress in Istanbul, Turkey, designated 25th September as Annual World Pharmacists Day. The day is celebrated to organize activities that promote and advocate the role of pharmacist in improving health in every corner of the world. Pharmacists being an integral part of the healthcare system are responsible for the development, management and use of the medication. The theme for this year was "Pharmacy: always trusted for your Health"

Following events were organized in compliance with the said theme:

An Online Webinar on : "The rise of Pharmacovigilance and Artificial Intelligence"

This year, celebration commenced with an online webinar session relayed on You Tube where more than 200 students and faculty members joined the session and it attracted more than 800 views. The webinar started with a heartfelt welcome extended to the Speaker, faculty and students by the moderator, Dr. Shazia Usmani. Prof. Syed Misbahul Hasan, Dean, Faculty of Pharmacy, began his address by highlighting how fellow pharmacists, all across the world, are joining hands with the medical team in these trying times.

The guest speaker, Dr. Sourabh Kosey, Head and Associate Professor, Department of Pharmacy Practice, ISF College of Pharmacy, Moga, Punjab delivered a lecture on the topic: **"The rise of Pharmacovigilance and Artificial Intelligence"**. Dr. Tarique Mahmood Ansari, marked the end of the session by proposing the vote of thanks.

Pharma Quiz

Pharma Quiz comprised of two rounds where preliminary round was conducted through on-line mode. About 100 students attempted the online-questionnaire. Six teams were selected for the final round which was conducted offline, through audio visual round. There was a tough competition between the selected teams.

Antibiotic Awareness Week in collaboration with Interdisciplinary Biotechnology Unit, Aligarh Muslim University

The World Health Organization observes a week every year from Nov. 18-24 in order to increase awareness of global antimicrobial resistance. It promotes the disseminating of related knowledge and ways to prevent and minimize resistance. In this context, the Faculty of Pharmacy observed World Antimicrobial Awareness Week from November 18, 2021, through November 24, 2021 in collaboration with Interdisciplinary Biotechnology Unit, Aligarh Muslim University, Aligarh. Following events were organized through the Awareness week.

Webinar on "Antimicrobials: Spread Awareness, Stop Resistance".

The event began with the welcome address by Prof. Syed Misbahul Hasan, where he welcomed the speakers and discussed the context and the need for creating awareness to the community regarding antimicrobial resistance. It was followed by the keynote address by Prof. Javed Mussarat, Vice Chancellor, Integral University. Prof. Javed Mussarat elaborated on the topic and enlightened the audience. His address was followed by an expert talk by Prof. Asad U. Khan, Interdisciplinary Biotechnology Unit, Aligarh Muslim University, Aligarh. The session was concluded by vote of thanks by Dr. Tarique Mahmood.

Hospital visit/Rural visit :

The above event was followed by the awareness drives in adopted villages and hospital visits which included IIMS&R, Integral University and Dr. Shyama Prasad Mukherjee Hospital - Civil Hospital. The main focus of the staff and students of Pharmacy is to raise awareness among physicians, health care specialists and general public on the rational use of antibiotics through visiting hospitals and rural areas.

Awareness walk and Nukkad Natak (Street play)

The events of the awareness week concluded through a street play enacted by the student participants and an awareness walk wherein the students conveyed the message through innovative placards. The walk was flagged by the honorable Chancellor, Integral University, Prof. Syed Waseem Akhtar. Dr. Syed Nadeem Akhtar, the Pro Chancellor; Prof. Javed Musarrat, Vice Chancellor; Prof. Mohd. Haris Siddiqui, Registrar, Integral University and other dignitaries and authorities participated in the walk which reflected the concern of the university officials towards the health of general public and society at large. Dr. Mohd. Yasir, representative from Aligarh Muslim University, joined us in all the events and encouraged the students.

Drug Safety Awareness Campaign & Visit to Rural health

Center at Sansarpur

The prime objective was to visit the health Centre and spread awareness regarding adverse events and importance of compliance to rational drug regimens. In the visit to the health Centre, the students and faculty members interacted with the Patients in the Out Patients Department. The Patients were informed regarding treatment options for their ailments with special reference to the rational drug therapy and Pharmacovigilance. the students extended awareness and counseling to the patients with respect to the health hazards and enhanced care in terms of the use of medicines, including paramedical interventions. An awareness was also created through pamphlets.

Visit to rural area- Behta

The students of Faculty of Pharmacy along with the faculty coordinators visited village of Behta. The student volunteers along with staff members split in groups and traversed through the village interacting with the community. The residents of the village were made aware of the various aspects of health and hygiene and its importance in preventing infections. The students enquired about the medications generally prescribed to them for common ailments like seasonal Cold and fever. The visit was an opportunity for the students to exercise their social work skills and the students gained a lot by the experience to develop better strategies in future for social awareness with respect to the concept of Pharmacovigilance.

- An Online Animation / Video Competition
- An Online e-Poster competition
- Topics:
- Importance of Pharmacovigilance in Indian population
- Medication Error: Detection and Prevention

Two-Week PDP on Strategies to overcome challenges in Drug Development

The current drug development pipeline is multifaceted and complex, composed of great risk that a drug will not be successful even after many resources have been invested. Drug faces a number of challenges that complicate drug development even further. Opportunities to improve and accelerate drug development through emerging new tools and technologies, novel methodological approaches, and infrastructural changes must be explored. Drug development faces the double challenge of increasing costs and increasing pressure on pricing. To avoid that lack of perceived commercial perspective will leave existing medical needs unmet, pharmaceutical companies and many other stakeholders are discussing ways to improve the efficiency of drug research and development. Keeping this in view, the Faculty of Pharmacy organized a **Two Weeks Professional Development Program (PDP) on "Strategies to Overcome Challenges in Drug Development"**. The duration for the PDP was 9th November to 24th November. The sessions were held online on Google Meet Platform.

Highlights of the PPD

- Recent advances in Computer Aided Drug Designing and their applications.
- Pre- clinical screening models with special emphasis on alternative to animal models.
- New approaches and guidelines for the standardization of Phytopharmaceuticals.
- Emerging trends in Novel Drug Delivery techniques.
- Regulatory aspects and prospective of Safety Pharmacology Studies.
- Analytical tools for pre-formulations and Pharmacokinetics studies.

The Inaugural Session started with the welcome address delivered by Prof. Syed Misbahul Hasan, It was followed by keynote lecture on the topic **"Nanocarrier Based Delivery of Combination Drugs - Challenges & Opportunities"** by Dr. Sanjaula Baboota, Professor, Deptt of Pharmaceutics, SPER, Jamia Hamdard, New Delhi.

An Expert Lecture on the Topic "Pharmacogenomics and Pharmacogenetics"

The Faculty of Pharmacy organized an Expert Lecture on 30th March 2022. The Expert speaker was Dr Satnam Singh, Associate Professor, Pharmacology, Adesh Institute of Medical Sciences and Research, Adesh University, Bhatinda.

Dr Tarique Mahmood, Head, Department of Pharmacy, welcomed the speaker, faculty members and students. Dr Singh presented a detailed understanding of the terms Pharmacogenomics and Pharmacogenetics, and elaborated upon how these are different. He allayed the common misconceptions about application of these concepts in real life scenario.

An Expert talk cum Alumni interaction

An Expert talk cum Alumni interaction was organized by the Department of Pharmacy, on 28th March 2022, for the pre-final and final year students of Pharm.D., B. Pharm.& M.Pharm programmes. The guest speaker on this occasion was Ms Sana Rizvi, an alumnus of B.Pharm. 2011, batch, who is presently working as a Territory Manager (Delhi & U.P.) in Abott India, dealing with sophisticated Medical Devices for cardiac surgery. It was an event in which the pre-final and final year students of Pharm.D., B. Pharm.& M.Pharm benefited from the experience of the Department's alumnus who has her mark in the pharmaceutical marketing as well as in the sales of medical devices sectors at national level. Ms Sana Rizvi briefly covered the topic **'Tips and Tricks for Freshers from Medical Industry Aspects'.** She motivated the students and explained the strategies to apply at various levels of jobs in India and abroad. She shared vital information about various kinds of medical instruments, their grades and how training happens in the industry. She also discussed in detail the requirements to be fulfilled by freshers in order to secure their first job, in campus selection as well as in the other modes. She emphasized that freshers need to focus on soft skills like communication, body language, problem solving skills, basic software applications like MS Excel and MS PowerPoint as these are the minimum expected skills for any job. Ms Rizvi also visited office of the Alumni Association, Integral University accompanied by Dr.Tarique Mahmood and Mr.Ranjan Kumar where she was presented with certificate and memorabilia by **Dr. Salman Khan, President, Alumni Association of Integral University,** In an informal interaction, she shared her positive experience of the University and mentioned that she was

delighted to see the progress that University has made in the years after she has left the campus.

Lecture on : The rise of Pharmacovigilance and Artificial Intelligence

The guest speaker, Dr. Sourabh Kosey, Head and Associate Professor, Department of Pharmacy Practice, ISF College of Pharmacy, Moga, Punjab delivered a lecture on the topic: "The Rise of Pharmacovigilance and Artificial Intelligence". Dr. Tarique Mahmood Ansari, marked the end of the session by proposing a vote of thanks.

Webinar on : Antimicrobials: Spread Awareness, & Stop Resistance

A webinar was held on the theme "Antimicrobials: Spread Awareness, Stop Resistance". The event began with the welcome address by Prof. Syed Misbahul Hasan, Dean, Faculty of Pharmacy, where he welcomed the speakers and discussed the context and the need for creating awareness in the community, regarding antimicrobial resistance. It was followed by the keynote address by Prof. Javed Mussarat, Vice Chancellor, Integral University. Prof. Javed Mussarat elaborated the topic and enlightened the audience about this issue of serious concern. His address was followed by an expert talk by Prof. Asad U. Khan, Interdisciplinary Biotechnology Unit, Aligarh Muslim University, Aligarh. The session was concluded by a vote of thanks proposed by Dr. Tarique Mahmood.

Lecture on : Nanocarrier-Based Delivery of Combination Drugs - Challenges & Opportunities

The Inaugural Session was held on 9 November,2021 which started with a welcome address delivered by Prof. Syed Misbahul Hasan, Dean, Pharmacy, Integral University, Lucknow. It was followed by a keynote lecture on the topic: **"Nanocarrier-Based Delivery of Combination Drugs - Challenges & Opportunities"** by Dr. Sanjaula Baboota, Professor, Deptt of Pharmaceutics, SPER, Jamia Hamdard, New Delhi. The session ended with a Vote of thanks by Dr. Tarique Mahmood, Head, Pharmacy, Integral University, Lucknow. The PDP closed with the Valedictory session wherein the felicitation of the speakers and the vote of thanks was proposed by Dr. Tarique Mahmood, Head, Pharmacy, Integral University, Lucknow.

2nd National Pharmacovigilance Week 2022

Organized by: Adverse Drug Reaction Monitoring Centre (AMC)

Faculty of Pharmacy and IIMS&R, Integral University, Lucknow, U.P.

Under the aegis of National Coordination centre for Pharmacovigilance Programme of India (PvPi), Indian Pharmacopoeia Commission, Ministry of Health & Family Welfare, Government of India.

National Pharmacovigilance week was celebrated (From 17th - 23rd September, 2022) by ADR Monitoring Centre (AMC), Faculty of Pharmacy and IIMS&R, Lucknow, UP. The Theme of National Pharmacovigilance week was 'Encouraging Reporting of ADR by Patients'. During celebration, the various events were organized such as Walkathon, Nukkad Natak, Sensitizing Sessions for patients, guest lectures for Health Care Professionals and quizzes.

The Celebration was initiated with walkathon with banners, placards, posters, verbal interactions with patients, at Integral Institute of Medical Science and Research (IIMS&R). The students of M. Pharm (Pharmacology), Pharm D. and MBBS with their teachers were involved.

One Guest lecture on **"Pharmacovigilance & Challenges in Indian Scenario"** was also delivered by Prof. R.K. Dixit, Deportment of Pharmacology, KGMU on 19th September, 2022. Prof. Dixit deliberated the topic in very interesting way & covered all aspects of ADRs & challenges that are faced to report the ADRs & motivated the audience to a great extent.

On the same day, a session was organized for sensitization of patients for ADR reporting in RHTC (Rural Health Training Centre) under Community Medicine Deportment. Dr. Deepak Chopra, Professor Deportment of Comnunity Medicine and incharge RHTC, made all arrangements for patients, & Dr. Q.S. Ahmed, Prof. & Head, Deportment of Pharmacology gave a sensitization talk for ADR reporting & motivated them.

Another session was organized on 20th September, 2022. A lecture was given by Professor Abha Chandra, Dean IIMS&R. Her topic was **"Adverse Drug Reactions & Need of Pharmacovigilance".** Professor Chandra gave a deep insight of the topic including examples with their explanations. She emphasized the significance of ADRs reporting & motivated the audience.

Dr. Q.S. Ahmed, Prof. & Head, Deptt of Pharmacology, deliberated a talk on **"Geriatric Pharmacology"** on 21st September, 2022. Dr. Ahmed, imparted detailed knowledge of safety of drugs in geriatric patients. He related physiology of elderly people with drugs action & hence the selection of drugs & modification of doses accordingly to avoid serious ADRs.

One more session was organized on 21st September, 2022, for patients encouragement on ADR reporting in UHTC (Urban Health Training Centre) by Dr. Saurabh Shukla, Associate Professor, Community medicine & incharge UHTC. He told the patients about significance of ADRs reporting & motivated them.

Mr. Mohd Ajmal, Assistant Professor, Department of Pharmacy, delivered a lecture on 22nd September, 2022, infront of nurses and intern for motivating ADR reporting. He trained them to fill ADR forms & report to AMC. This was a very motivational session for the nurses & intern.

An online quiz on Pharmacovigilance was also organized for M. Pharm, MBBS & Pharm D. students & interns on 22nd September, 2022.











Prof. Syed Misbahul Hasan, Dean, Pharmacy, Dr Tarique Mahmood, Head, Department of Pharmacy, Integral University

Higher Education Department, Govt. of UP

Counselling Session under Mission Shakti Phase III

Counselling Session under Mission Shakti Phase III

"Chuppi Todo Khulkar Bolo"

A Counselling session was organized by the Women Grievance Cell in collaboration with the Integral Institute of Medical Sciences and Research. The program was organized under Mission Shakti Phase III with the tagline **"Chuppi Todo Khulkar Bolo"** under the aegis of Higher Education Department, Government of UP and as a part of **"Bharat Ka Amrit Mahotsav"**. It was held on 28th July, 2022 in Phase II, IIMSR.

The students of MBBS participated in this counseling session with great enthusiasm and zeal. The counselors were Prof. Iffat Zareen Ahmad, Chairperson, Women Grievance Cell, Dr. Shipra Mishra, Assistant Professor, Department of Law, Dr. Saima Beg, Department of Electronics and Mrs. Sheeba Parveen, Clinical Psychologist, Department of Pediatrics, IIMSR. Dr. Iffat Zareen Ahmad apprised the students about the safety and security of female students while traveling and at the workplace. Dr. Shipra Mishra told the students about the different laws related to females. Dr. Saima Beg discussed the general issues of the students and Dr. Sheeba Parveen explained the psychological issues related to females. The female students came up with their problems and discussed them with the counselors who gave suggestions and advice. Sixty five students participated in this session and were eager to share their issues with the counselors to get fruitful advice.

> "The study of physics
> is also an adventure.
> You will find it challenging,
> sometimes frustrating,
> occasionally painful,
> and often richly rewarding."
>
> -Hugh D. Young

Department of Physics

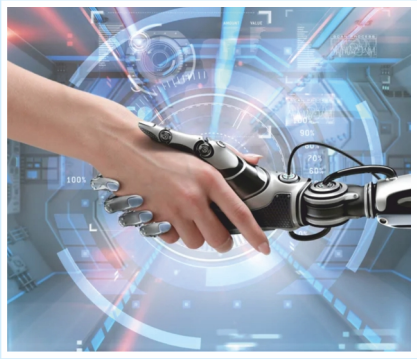
Swachh Bharat Mission-One Step Towards Cleanliness

"Cleanliness is next to Godliness"

The Swachha Bharat mission campaign, the government initiative that follows the path of Mahatma Gandhi, has been initiated by the Department of Physics, Integral University. The faculty coordinators and students of Integral University made their arrangements to reach the Prathmik Vidhyalaya. After reaching the Prathmik Vidhyalaya, they interacted with the staff members, and children of Prathmik Vidhyalaya and also with the local villagers and explained hygiene and cleanliness. For this purpose, the team donated dustbins, gloves, sanitizers, floor cleaner, and toilet cleaner to the school.



INTEGRAL ROBOTICS LAB



The Integral Robotics Lab (IRL) is pleased to welcome you. IRL is situated on the 4th Floor of the Central Library building. We're made up of collaborative and integrated teams of students, engineers, and researchers that are all passionate about changing what robots can accomplish for us. From flying to gripping, from inspecting to running, from haptics to driving, from exploring to planning, our current interests are numerous. We are aiming to explore a wide range of technical problems as a result of our diverse interests, including machine learning and AI, computer vision, robot motion planning, perception, and control systems engineering, to mention a few. The lab offers various facilities for people looking to innovate, such as a 3D printer, CNC milling, laser cutting, PCB milling, rotary tools, soldering stations, and electronic workbenches. Members of IRL will also have access to robotic platforms such as differential drive robots, drones, and robotic arms; various sensors and actuators; and single-board computers such as raspberry pi besides Arduino. We are eagerly looking for new team members, both faculty and students, to join us and make this collaborative space more lively. If you are interested to know more or want a tour, please visit our homepage at

www.robotics.iul.ac.in

or

write an email to robotics@iul.ac.in.

> "Formed with good intentions, with the right ideals and the right goals."
>
> - Veronica Roth

University Polytechnic

Integral University, Lucknow



Dr. K.M. Moeed, Principal, University Polytechnic, Prof. Mohd Haris Siddiqui, Registrar, Prof. Javed Musarrat, Hon'ble VC, Integral University, Prof. Pradeep Kumar Mishra, Hon'ble VC, Dr. APJ Abdul Kalam Technical University, Prof. Aqil Ahmad, advisor to Hon'ble Chancellor, Prof. Abdul Rahman Khan, COE, Integral University

The University Polytechnic Organized its Diploma Distribution Ceremony at the central Auditorium on 27/05/2022. The distribution ceremony was presided over by Prof. Javed Musarrat, Hon'ble VC, Integral University, Lucknow, and Prof. Pradeep Kumar Mishra, Hon'ble VC, Dr. APJ Abdul Kalam Technical University, Lucknow. Other distinguished personalities present at the ceremony hour were Prof. Aqil Ahmad, advisor to Hon'ble Chancellor, Integral University, Prof. (Dr.) Mohd Haris Siddiqui, Registrar, Integral University, Prof. Abdul Rahman Khan, COE, Integral University, and Dr. K.M. Moeed, Principal, University Polytechnic, Lucknow. The Deans, Heads, and the Directors of several disciplines attended the program.

Diploma Distribution Ceremony 2022

The Department of English, University Polytechnic, Lucknow, organized an Essay Writing Competition on the topic of **"Importance of Communal Harmony in the Postmodern Era,"** and a Debate Competition on "Communal Harmony is a Need of the Day," observing the Communal Harmony Campaign Week & Flag Day 2021 on November 25, 2021.

The University Polytechnic, organized a Two Weeks Professional Development Program (PDP) on "Incorporating the Impact of Engineering Solutions on Society" from November 15-29, 2021.

The Department of Applied Mathematics, University Polytechnic, organized the quiz competition "Epsilon-2021" on the occasion of Children's Day, 14th November 2021. This year the theme of the quiz was "Feel the Magnificence of Maths".

The Department of Architecture organized a Twenty Day value-added course on "Sustainable Architecture" from 30th -19th May 2022.

The Department of Civil Engineering in collaboration with the training and placement cell of University Polytechnic organized a workshop/seminar on "CADD SPARK" on 09th & 10th May 2022. This workshop was organized by Er. Abid Shakeel.

The Department of Architecture, University Polytechnic, organized a guest Lecturer on Accelerating urban action for a carbon-free world on the occasion of World Habitat Day on 24/ 09/ 2021.

The Department of Architecture of the University Polytechnic organized a local tour on 03/ 11/ 2021.

The Department of Applied Mathematics, organized a Quiz Competition on 14.11.2021 & 02.12.2021 in the Polytechnic building, Lucknow. The quiz was themed EPSILON-2021, "Feel the magnificence of Mathematics". The event started with an inaugural speech by Dr. K. M. Moeed, Principal of University Polytechnic, Integral University, who welcomed the participants and the audience with his motivational words.

The event of model presentation "Innovative Expo 2k22" was organized by the Electrical and Electronics Department, on 08/ 03/ 2022 by Mr. M. Usama Kidwai, Dr. Md. Ibrahim, Mr. Tushar & Mr. Rahul Ranjan, and conducted under the supervision of Principal Dr. K.M. Moeed

A Three-Day workshop on **"Working & Control of Electrical Vehicle"** was





organized by Mechanical Engg. Deptt., University Polytechnic, Lucknow, from 17 May to 19 May 2022. Dr. Atif Siddiqui,Ph.D. from NIT Silcher, delivered a substantial speech. Er. Aans Ahmad motivated the students by giving an insight into different strategies for competing in various exams. The program was conducted under the guidance of Dr. Atif Siddiqui, and Dr. K. M. Moeed and was organized by Er. Abdul Jabbar and Er. Ahmad Wasiq Khan.

A Three-Day workshop on **"Modern Air Pollution Control Technologies"** was organized under the aegis of HRDC by University Polytechnic, from 17 May to 19 May 2022. The inaugural lecturer was given by the well-qualified experts e.g. Er Abdul Jabbar followed by Er. Nusrat Ali and Er. Ashish Kumar Er. M. Rashid Khan, JE (UP Govt), enriched the students with his knowledge. It was conducted under the guidance of Prof. Syed Aqeel Ahmad, Director HRDC, Integral University & Dr. K.M. Moeed, Principal, University Polytechnic, Lucknow.

A Three-Day workshop was conducted by the Department of Mechanical Engineering, on Heating, Ventilation & Air-Conditioning (HVAC) from 17 May to 19 May 2022. Dr Abhishek Singh an alumnus of NIT Silcher and Ph. D. from IIT Guwahati, interacted with the students on a virtual platform. The program was conducted under the guidance of Dr. K. M. Moeed, Principal, and was coordinated and facilitated by the faculty members.

The Training & Placement Cell, in collaboration with the Department of Electronics Engineering, University Polytechnic, Integral University, Lucknow organized a One Day Skill Development Workshop on **"Design & Assembling of LED Lights and Demonstration to Industrial Automation"** on 23rd May, 2022 for all Engineering students of Diploma/UG level of Integral University. The workshop aimed to train the students in designing and assembling LED lights. The students also demonstrated the process of Industrial Automation using PLC panels. The Workshop was conducted under the guidance of Dr. K. M. Moeed, Principal, and was coordinated and facilitated by the faculty members.

A training program was coordinated by the CCG&D and jointly organized by the Electrical Department of the University Polytechnic on Saturday, April 23rd 2022. CCG&D Integral University tied up with Panasonic Life Solutions India (Formerly known as Anchor Electricals Pvt. Ltd.) for their internal training. Integral University took this up as a consultancy project and provides trainers and infrastructures for the same.

A Three-Day workshop on "Heating, Ventilation & Air-Conditioning (HVAC)"

The workshop provided information on various HVAC technologies, recent equipment developments, market trends, and updates on codes, standards, and industry issues; it discusses both residential and commercial technologies with an emphasis placed on equipment for commercial cooling applications and additional factors affecting the HVAC marketplace.

This workshop included background information and market trends for residential and commercial air conditioning markets.

Key areas covered included :

i) Residential space conditioning technologies.
ii) Residential unit sales and market trends.
iii) Commercial space conditioning technologies.
iv) Commercial unit sales and market trends.
v) Factors affecting HVAC technologies.
vi) Current industry market research and development efforts.



A Three-Day workshop on Modern Air Pollution Control Technologies

A Three-Day workshop on "Modern Air Pollution Control Technologies" was organized under the aegis of HRDC by University Polytechnic, Integral University, Lucknow, from 17 May to 19 May 2022. This workshop dealt with the technologies and measures taken for controlling air pollution. Air emissions have many adverse effects on the environment as well as on humans. Many technological applications are being used to reduce air pollution such as Incinerators, gravitational settling chambers, electrostatic precipitators, cyclone separators, selective catalytic reduction systems, fabric filters, biofilters, and scrubbers. As a result, exposure to air pollution declines and adverse effects of air pollution on the environment and human health are taken under control.

Er. Mohammad Rashid Khan, JE (UP Govt), Irrigation Deptt., Gorakhpur, enriched the students with his knowledge. Er. Khan has expertise in Air Pollution Control Technologies, he has worked in various thermal power plants and other industries before joining UP Govt, he also has been associated with a number of engineering colleges.

A Three-Day workshop on Working & Control of Electrical Vehicle

A Three-Day workshop on "Working & Control of Electrical Vehicle" was organized by Mech. Engg. Deptt., University Polytechnic, Lucknow, from 17 May to 19 May 2022.

The workshop described the technology used to produce an electric vehicle and explained the reason of electric engine being better than the internal combustion engine. It gave reasons for electric vehicle to grow rapidly.

The Department privileged to have Dr. Atif Siddiqui, Ph.D. from NIT Silcher, who discussed the technical description of an electric vehicle, including the parts, their functions, and the theory of operation and comparison of the internal combustion engine, the hybrid engine, and the electrical engine in terms of efficiency, speed, acceleration, maintenance, mileage, cost and the advantages and disadvantages of the electric vehicle and its future. It was a proud moment for us to have Er. Anas Ahmad who is appointed as Project Engineer at Bharat Electronics Ltd (BEL), Panchkula, Haryana. He is an alumnus of Integral University. He also delivered lectures on the working and future of electric vehicles.

Guest Lecture on Oral Cancer, organised by IIMS&R, Integral Univertsity, Lko.



Hon'ble Vice-Chancellor welcoming Dr. Vivek Kumar Garg, Chief Consultant Surgical Oncologist, Lucknow Cancer Institute, Lucknow



Syed M. Fauzan Akhtar, Executive Director, Integral Institute of Medical Science & Reseach, Integral University



Dr. Vivek Kumar Garg, Chief Consultant Surgical Oncologist, Lucknow Cancer Institute, Lucknow



Dignitaries of the event

> "Modern medical advances have helped millions of people live longer, healthier lives. We owe these improvements to decades of investment in medical research."
>
> -Ike Skelton

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

Integral Institute of Medical Science and Research (IIMS&R) aspires to achieve national and international recognition for its capability to produce physicians with essential knowledge, skills and professionalism for practicing their profession efficiently & ethically; To provide evidence based clinical care to the attending patients & public health services to the neighboring community and to undertake such research program which addresses the prevailing health problems and whose outcome can be translated to a functional service package & program benefiting individuals and the community at large.

The mission of IIMS&R is to produce **"Indian Medical Graduate"** who possesses essential knowledge, skills, and professionalism as prescribed by the Medical Council of India, and is capable of pursuing a lifelong continuing education to keep him updated about the newer evidence based care and cure and is capable of working in different community settings with high standard of professionalism & ethic and be the lynch pin of the health care system he serves and be able to contribute in meeting the health care needs of the population he serves.

The Integral Institute of Medical Sciences and Research strives to impart standard value-based education in a highly disciplined and decorous environment. It started with a small hospital mainly to cater the basic healthcare needs of surrounding catchment area which has now grown into a Medical College with 800 plus bedded hospital which also trains 1000 plus healthcare pupils. It has expanded to more than 20 Departments, with round the clock Emergency & Trauma services, also round the clock Critical care and Blood bank facilities. The Integral Institute of Medical Sciences and Research has almost completed 10 successful years, there has been addition of PG courses which are operational in almost all the departments barring a few and efforts are on to initiate in the remaining ones.

During the last two academic years, in the difficult unprecedented time, the faculty members had to face multiple challenges and worked hard to put in their best effort to impart education and offer consistent learning environment with onsite and online mode of teaching with the aim that as an Indian Medical Graduate one should acquire essential knowledge, skills and professionalism and could provide efficiently and ethically, quality medical care to the patients in various fields of Medicine. In the coming academic year, the faculty is working hard to give the students a wider spectrum of opportunities to look beyond the classroom with active participation in the seminar, re-orientation, medical conferences, etc. We appreciate our Faculty members selfless service and dedication, who could happily mould themselves to the changing needs.

Value Added Course By Department of Anaesthesiology:-

The Department of Anesthesiology, IIMS & R organised A 3 Day Value Added Course on "Basic & Advanced Cardiovascular Life Support (BLS & ACLS) from 26th May to 28th May, 2022.

BLS/ACLS Workshop by Department of Anaesthesiology

The Department of Anesthesiology, IIMS & R took immense pleasure to announce the conclusion of a 3 Day Value Added Course on "Basic & Advanced Cardiovascular Life Support (BLS & ACLS) from 26th May to 28th May, 2022 .

The program was mainly aimed at Hands-on Experience on Cardiopulmonary Resuscitation Techniques in a case of cardiac arrest management of various arrhythmias & concept of team effort. 5 AHA certified Instructors lead the course for 3 days:

1. Dr Sanjay Dhiraaj, Professor, Anesthesiology, SGPGI, Lucknow
2. Mr Ram Naresh Yadav, BLS AND ACLS Instructor, Department of Hematology, SGPGI
3. Ashutosh Prasad, Instructor from AHA (American Heart Association)
4. Dr. Vishal Arora, Professor & Head, Department of Anesthesiology, IIMS&R
5. Mr. Bharat Bhushan, EMS Trainer

Out of 36 participants, 25 enrolled for both BLS & ACLS Course while 11 for only BLS Course. Participants from various streams of medicine like Obstetrics & Gynecology, Surgery, Medicines, and Paramedical Staff participated enthusiastically.

Besides the in-house participants, the course also had participants from SGPGI, KGMU & Era's Lucknow medical College.

Physical manuals were provided 1 day before the commencement of the course. The pass percentage was 100% with very good results. Certificates will be provided online within 7 days.



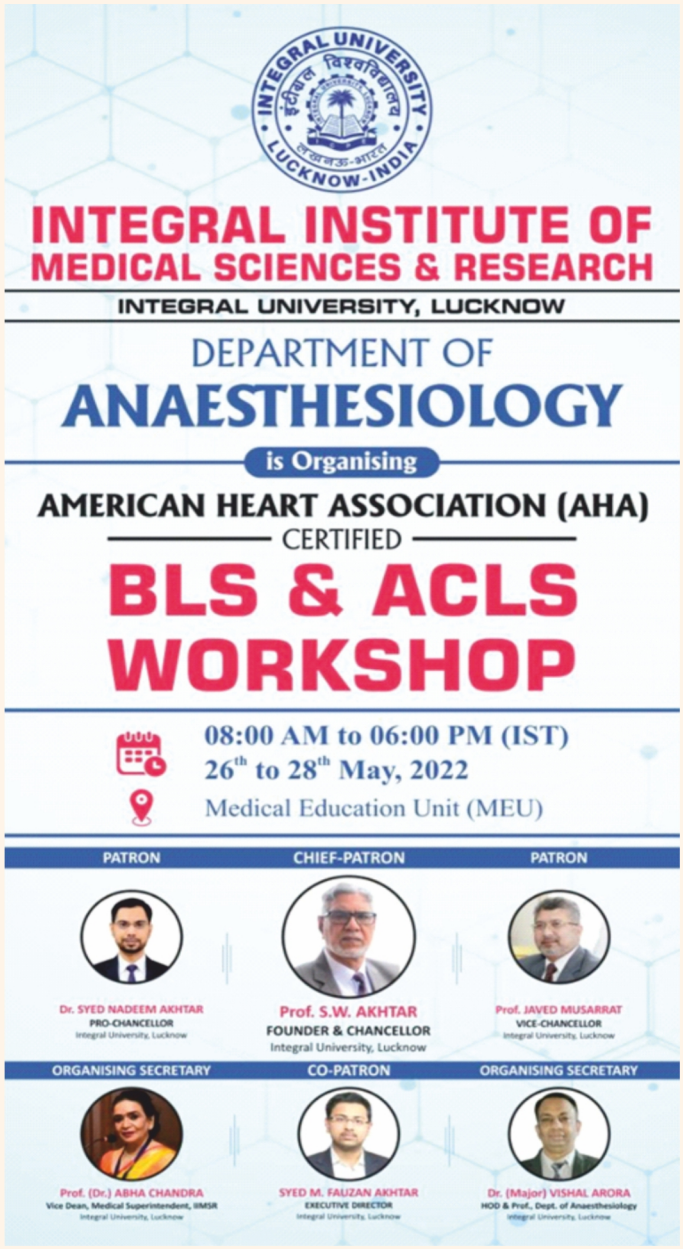
Syed M. Fauzan Akhtar, Executive Director, Integral University, Lukncow

BSL2 LAB:

The Department of Microbiology IIMSR is having the Real Time reverse transcription polymerase chain reaction (RTPCR) facility available 24×7. This test is used for molecular diagnosis of COVID -19. The department is providing timely reports 24×7 which is helping in the efficient and quality management of patients at IIMSR.

Recently the department initiated the facility of Truenat testing for COVID -19. It is a chip based RT-PCR with the availability of report within an hour of sample receiving.

Both the above tests were successfully accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) since August 2022.





Highlights of IIMSR, Integral University, Lucknow

CMEs, Clinical Grand Rounds, Clinico-Pathological Conferences, WORKSHOPS etc. held at IIMSR Continuing Medical Education (CME)

S. No.	Date	Topic	Presenting Department	Presented by
1.	20 -10 -2021	Evaluation of Haenaturea – Recent Advances	Gen. Medicine	Dr. Nikhil Yadav
2.	27 -10 -2021	Laser Proctology	Surgery	Dr. Rooman Ahmad Rana
3.	28 -10 -2021	DNA Profiling & its medico legal applications	Forensic Medicine	Dr. R.K. Chaturvedi (Guest)
4.	03 -11 -2021	A case of Bilateral Protrusio Acetabuli with Ostemalacia	Orthopedics	Dr. Anand Srivastava
5.	01 -12 -2021	Tuberculosis Update	TB & Chest	Prof. Dr. V.K. Srivastava (Guest)
6.	09 -12 -2021	Tuberculosis Update	TB & Chest	Dr. Haider Raza
7.	15 -12 -2021	Antibody response to COVID Vaccination	Community Medicine	Dr. Samreen Khan
8.	22 -12 -2021	Individual variations & personalized medicine	Pharmacology	Dr. Shailendra Mishra
9.	29 -12 -2021	Antibiogram - Six months appraisal	Microbiology	Dr. Mohd. Saquib
10.	05 -01 -2022	Mortality Meet	Medicine	Dr. Ayesha Parveen
11.	11 -02 -2022	Retinoblastoma	Ophthalmology & Pathology	Dr. Rubie Malhotra / Dr. Mousmi Sharma
12.	16 -02 -2022	Orientation and Motivational sessional for voluntary Blood Donation	Pathology	Dr. Mayank Anand
13.	16 -02 -2022	Insight and practices and body donation	Anatomy	Dr. M. Haque
14.	19 -02 -2022	Personal Hygiene and Health Hazards	Biochemistry	Dr. Priyanka Thapa Manger
15.	02 -03 -2022	Valvular Glaucoma drainage with adjuvant anti VEGF in Neovascular Glaucoma	Ophthalmology	Dr. S.M. Akram
16.	03 -03 -2022	World Hearing Day	ENT	Dept. of ENT
17.	07 -03 -2022	Glaucoma Screening Program (World Glaucoma Week)	Ophthalmology	Dept. of Ophthalmology
18.	08 -03 -2022	International Women Day	Obst. & Gyne.	Dept. of Obst. & Gyne.
19.	09 -03 -2022	Consent & its legal application	Forensic Medicine	Dr. Amrendra Kumar
20.	10 -.03 -2022	Glaucoma Awareness Program (Word Glaucoma Week)	Ophthalmology	Dept. of Ophthalmology

1.	10 -03 -2022	Cadaveric Oath Ceremony	Anatomy	Dept. of Anatomy
2.	10 -03 -2022	Poster Competition (World Kidney Day)	Medicine	MBBS Students
3.	11 -03 -2022	Free Drugs Distribution Program (Word Glaucoma Week)	Ophthalmology	Dept. of Ophthalmology
4.	16 -03 -2022	Physiology of Sleep	Physiology	Dr. Sara Siddiqui
5.	18 -03 -2022	SLEEP DISORDER	Psychiatry	Dept. of Psychiatry
6.	22 -03 -2022	World Optometry Day (Quiz Competition)	Ophthalmology	Dept. of Ophthalmology
7.	23 -03 -2022	An insight body donation	Anatomy	Dr. M. Haque
8.	26 -03 -2022	Voluntary Blood Donation Camp	IIAHSR	
9.	28 -03 -2022	World Tuberculosis Day	Community Medicine	Guest Lecture Dr. Rajendra Prasad, KGMU, Lucknow Dr. Darshan Bajaj KGMU, Lucknow
10.	30 -03 -2022	Insulin Resistance in Type-2 Diabetes	Biochemistry and Medicine	Dr. Asif Mustafa Dr. Tauseef Ahmad Khan
11.	06 -04 -2022	Dermatological Emergency - A case of Steven - Johnson Syndrome/Toxic Epidermal Necrolysis	Dermatology	Dr. Fariz Sarshar
12.	07 -04 -2022	World Health Day	Community Medicine	Dr. Peeyush Kariwal, RML (Guest speaker)
13.	08 -04 -2022	World Health Day	Pathology	Dr. Sanjay Mishra, KGMU (Guest speaker)
14.	12 -04 -2022	From Prevention till Palliation - Cancer Pain	Anesthesiology	Guest Lecture (Dr. Abhishek Kumar Singh, Chandan Hospital
15.	13 -4-2022	Sleep Wake Disorder	Psychiatry	Dr. Anurag Agarwal
16.	20 -04 -2022	Hearing Impairment - Prevention, Treatment & Rehabilitaion	ENT	Dr. Mohd. Ziya Dr. Ranveer Singh
17.	22 -04 -2022	Road Safety Week (Management of road traffic accident in emergency care	Emergency Medicine	Dr. Shameem Ahmad
18.	22 -04 -2022	Dry Eyes Diagnostic & Management	Ophthalmology	Dr. Jitender Wahi (Guest Speaker)
19.	23 -04 -2022	Road Safety Week (Medico legal aspects)	Forensic Medicine	Dr. Amrendra Kumar
20.	27 -04 -2022	Approach a case of chest pain	Medicine	Dr. Baljeet Kaur
21.	11 -05 -2022	Traumatic vascular injury presenting as pseudoaneurysm - A rare case report	Surgery	Dr. Kruthika Prakash

1.	18 -05 -2022	Case presentation: Post-partum Dilated Cardiomyopathy	Obst. & Gyne	Dr. Suraiya Khanam
2.	24 -05 -2022	SCHIZOPHRENIA DAY	Psychiatry	Dept. of Psychiatry
3.	25 -05 -2022	CONJUNCTIVAL FIBROEPITHELIAL POLYP	Ophthalmology	Dr. Javed Iqbal Dr. Khalida Sayeed
4.	26 -05 -2022	Beyond Ophthalmology	Ophthalmology	Dr. R.N Mishra, Ex. HOD Dept. of Ophthalmology, MLM Medical College Allahabad.
5.	26 -05 -2022	Managing Post Prandial Hyperglycemia in Obese Diabetes with higher PPG & at risk of CVD(Seminar)	Medicine	Dr. Hemali Jha
6.	31 -05 -2022	Words No Tobacco Day (Protect the Environments)	Community Medicine	Dr. Nisha Shahi
7.	31 -05 -2022	World No Tobacco Day	ENT	Dr. Sumit Sharma (Guest Speaker)
8.	31 -05 -2022	World No Tobacco Day	Psychiatry	Dept. of Psychiatry
9.	01 -06 -2022	National Road Safety Week	Community Medicine, Surgery & Forensic Medicine	Dr. Saurabh Kashyap, Dr. Nadeem Akram, Dr. Neelesh Shakya
10.	02 -06 -2022	Inititation of insulin In Diabetes(Seminar)	Medicine	Dr.Hemali Jha
11.	03 -06 -2022	World Bicycle Day 2022	Community Medicine	Dr. Siraj Ahmad
12.	08 -06 -2022	Impact of parental health on mental and physical development of children	Pediatrics	Ms. Sheeba Parveen , Child and Clinical Psychologist.
13.	13 -06 -2022	Motivational session on world blood donation day	Pathology	Dr. Mayank Anand
14.	13 -06 -2022	(World Blood Donor Day 2022) Donating blood an act of solidary, Join the effort and save lives	Community Medicine	Dr. Bilkish Nabilal Patavegar
15.	14 -06 -2022	Voluntary Blood Donation Day	Pathology	Dept. of Pathology
16.	14 -06 -2022	Biomedical Waste Training	Microbiology	Ms. Sandepika Dubey Dr. Rajat Bharadwaj Prof. Noor Jahan Dr. Mohd Saquib Dr. Karuna Katiyar Dr. Tahira K. Ansari
17.	15 -06 -2022	A case of Bilateral Genu Valgum	Orthopedics	Dr. Suvrat Verma Dr. Farid Mohammad
18.	21 -06 -2022	International Yoga Day	Dept. of Physiology	

1.	22 -06 -2022	Percutaneous endoscopic disc decompression: A novel approach for low back pain	Anesthesiology	Dr. Amitesh Pathak
2.	29 -06 -2022	Introduction to Interventional Radiology	Radiodiagnosis	Dr. Mohd. Zeeshan Siddiqui
3.	01 -07 -2022	National Doctor's Day	Community Medicine	Dr. Siraj Ahmad
4.	06 -07 -2022	Drill to Fill OR A Preventive Instill Novel trends in Prevention Of Dental Caries	Dentistry	Dr. Divya Singh
5.	13 -07 -2022	Glimpses of my thoughts as cardiac surgeon, researcher and health care provider	Surgery	Prof. Abha Chandra
6.	19 -07 -2022	Facial nerve and its disorders	ENT	Guest Lecture
7.	20 -07 -2022	Monkey pox virus: Emerging new threat	Microbiology	CME
8.	25 -07 -2022	ADR reporting and Pharmacovigilance	Pharmacology	Guest Lecture
9.	27 -07 -2022	Global Threat from Bioterrorism	Community Medicine	Dr. Saurabh Shukla
10.	28 -07 -2022	Current Global Scenario of viral Hepatitis and its prevention	Community Medicine	Guest Lecture Dr. Saurabh Kashyap KGMU, Lucknow
11.	28 -07 -2022	Pathogenicity and recent advances in laboratory	Community Medicine	Guest Lecture Dr. Manodeep Sen, Dr. RML Institute, Lucknow
12.	30 -07 -2022	World Hepatitis Day Poster Competition	Dept. of Pathology	
13.	02 -08 -2022	World Breastfeeding Day (Interactive session on common problems in Breastfeeding)	Dept. of Pediatrics	
14.	02 -08 -2022	World Breastfeeding Day (Important of Breastfeeding)	Dept. of Pediatrics	
15.	10 -08 -2022	Right of Patients	Forensic Medicine	Dr. B.S Arora
16.	17 -08 -2022	Cure in Rheumatoid Arthritis - A dream or reality	Medicine	Dr. Shweta Agarwal
17.	24 -08 -2022	Development of Urinary system and its anomalies	Anatomy	Dr. Kamil Khan
18.	31 -08 -2022	Eye Donation & Keratoplasty	Ophthalmology	Prof. Rubie Malhotra
19.	07 -09 -2022	Artificial Intelligence in Dermatology	Dermatology	Dr. Moin Ahmad Siddiqui
20.	10 -09 -2022	World Suicide Prevention Day	Psychiatry	Guest Lecture Dr. Sujit Kumar Kar Additional Professor Dept. of Psychiatry KGMU, Lucknow

Clinico-Pathological Conference (CPC)

S. No.	Date	Topic	Presenting Department	Presented by
1	17 -11 -2021	Case Discussion	Pediatrics	Dr. Vanisha Verma
2	25 -05 -2022	CONJUNCTIVAL FIBROEPITHELIAL POLYP - A rare case report	Pathology & Ophthalmology	Dr. Javed Iqbal Dr. Khalida Sayeed

Clinical Grand Round (CGR)

S. No.	Date	Topic	Presenting Department	Presented by
1	08 -12 -2021	A case of Haematuria in a 22 year old male	Pathology & Surgery	Dr. Pradeep Tandon Dr. Anubhav Raj

Prof. Dr. Rubie Malhotra
Coordinator, MEU

Workshops

S. No	Date	Topic	Organized by
1.	16th–18th August 2021	Revised Basic Course Workshop (NMC)	Medical Education Unit
2.	15th – 27th November 2021	PDF/FDP on Teaching learning Methods and Research Methodology	Medical Education Unit
3.	15th November – 26th December 2021	(online) Short term course on Research Methodology	Community Medicine
4.	8th February to 22nd February 2022	Value Added Course on (Hospital Infection Prevention & Control)	Microbiology
5.	26th May to 28th May 2022	Value Added Course on (BLS & ACLS)	Anesthesiology
6.	30th May to 3rd June 2022	Value Added Course on (Cytogenetic)	Pathology
7.	6 th June to 10th June 2022	Value Added Course on (Research Methodology)	Medical Education Unit
8.	12th to 21st June 2022	Value Added Course on (Yoga in Health and Disease)	Physiology
9.	18th -25th July 2022	FDP on (Medical Ethics)	Medical Education Unit
10.	1st - 6 th August 2022	PDP on (Basic Medical & Surgery Skills)	Anesthesiology
11.	22nd – 26th August 2022	Value Added Course on (Plastic Surgery)	Surgery

Family Adoption Program Department of Community Medicine (IIMS&R)



Medical education in India is based predominantly on hospital environments and specialist services covering a narrow spectrum of health problems, especially dependent on technology. A significant reorientation is needed in medical education, to allow students to understand people in their social contexts in a more holistic way, rather than seeing them merely as parts of a biological machine.

The Alma Ata Declaration on 12th September 1978, in the International Conference on primary health care was a major breakthrough achieved by the World Health Organization (WHO). 'Health for all', across all geographical boundaries of the globe was a milestone to be met by all developing and developed countries of the world by the year 2000. The government of India (GOI) had already launched a national Community Health worker (CHW) scheme and Village Health Guide (VHG) programme in 1977. However, this program failed to achieve the expected impact. The erstwhile Medical Council of India (MCI) was making continuous modifications in setting up and maintaining high standards of medical education in India so that equitable health distribution through well trained allopathic doctors could be provided to the citizens of India. However, the rural population, which constitutes about 65.5% (2020 statistics) of the country's total population remains deprived of general medical treatment, as the availability of healthcare facilities are skewed towards urban setups.



National Medical Commission (NMC), in their recent notification, included Family Adoption Program (FAP) in the undergraduate curriculum to provide a learning opportunity towards community based health care to Indian Medical Graduates. The aim is to provide medical students with on-ground hands-on experience from the beginning and also increase the availability and accessibility of doctors or medical professionals in rural areas.

Under the scheme, every new batch entering a medical college should be allotted a village, not covered under RHTC. After gathering the data of households in the village, a fairly equal distribution of households will be made amongst the students for FAP with the aim of achieving 'health for all'. A total of five families are designated to every student. The concerned student will be responsible for the overall health of the family. Outcomes achieved by the village, students and college are recorded in a database. This will help



in grooming MBBS students as 'complete doctors' with empathy and confidence to be leaders in social health fronts. The neglected rural population will be enriched and in the long run have a positive impact for the country.

In the Indian context, if this FAP can be implemented successfully, this will be a great achievement for the country. The IMGs engaged in both community and hospital settings will understand the health problems in real context, will develop the essential attitude and communication skill needed for a family practitioner, and might choose the career options in a rural setting. Success of FAP will depend on intersectoral collaboration, logistics, support system & motivation of faculties & students. The colleges or state will have to provide necessary support, otherwise sustainability will be a great question.

Department of Physiology, IIMS&R

> “Physiology is concerned with all those phenomena of life that presents themselves to us in sense perception as a bodily process, and accordingly form part of that total environment that we name the external world.”
>
> -Wilhelm Wundt

“Neuro Physiology of Sensory System”

The Department of Physiology, organised a CME on **“Neuro Physiology of Sensory System”** on 28th September 2022 from 2:30 pm onwards.

Speaker: Dr. Sara Siddiqui, Assistant Professor, Department of Physiology

National Eye Donation Day Fornight Celebration (Photograph)











Prof. Abha Chandra, Dean, Dr. Ruby Malhotra, Head, Dept. of Ophthalmology & Dr. Mubin Ahmad etc.

Integral Institute of Nursing Sciences and Research

Faculty of Nursing

The Faculty of Nursing, Integral University, Lucknow organized a Three-Day Workshop on Career counseling & Personality Development Program. The Workshop was organized for the final year undergraduate and diploma (Basic B.Sc. Nursing, P.B.B.Sc Nursing and G.N.M.) on dated 31st march to 2nd April 2022. It was chaired under the supervision of

Prof. Dr. Ashfaque Khan, Director IIAHSR & Mr. Farzand Ali, Principal, Integral Institute of Nursing Sciences & Research. The welcome address is given by Ms. Sony Verma, Vice Principal, IINSR. A counselling session was given by Mr. Satyam Chaursiya (Global talent track GTT Foundation).



Carrier Counseling & Personality Developmental Program 31st March to 2nd April 2022.

The Faculty of Nursing, Integral University, Lucknow, successfully organized three - day Guest lecture on "Stand up against street harassment." The Guest lecture for the new undergraduate and diploma (Basic B.Sc. Nursing, P.B.B.Sc Nursing and G.N.M. A.N.M.) students was organized from 26TH April to 28th April 2022. The welcome address was delivered by Prof. Ashfaque Khan Director IIAHSR, & Mr. Farzand Ali, Principal, Ms. Sony Verma, Vice Principal of Integral College of Nursing and a Guestlecture was given by Ms. Neha Mishra (trainer breakthrough foundation)



Stand Up Against Street Harassment

The Faculty of Nursing, IINSR Integral University, Lucknow, organized Nutrition Nutrition week on 9 September 2022 on the occasion of Nutritional. The welcome address was given by Mr. Farzand Ali, Principal, IINSR, Ms. Sony Verma, Vice Principal, IINSR with the presence of Ms. Rafat Zubaida Dietitian, IIMSR, Ms. Shalini Yadav Dietitian, IIMSR and Mrs. Pragya Awasthi class coordinator also addressed the gathering by putting emphasis on the Nutrition week. The First Prize was given to Ms. Deesha, Ms. Alka, Mohd Mustak, Laxmi, Humira. Khushi Jaiswal Group (2), IInd Year Students.









> "The aim of positive Psychology is to catalyze a change in psychology from a preoccupation only with repairing the worst things in life to also building the best qualities in life"
>
> -Martin Seligman

Department of Psychiatry,

IIMS&R, Integral University, Lucknow

Continuing Medical Education (CME) on Role of Meditation in Psychiatric Illness

The Department of Psychiatry, Integral Institute of Medical Sciences & Research, Integral University, Lucknow organized a CME on "Role of Meditation in Psychiatric Illness" on 14th September 2022 from 2:30 pm onwards by the following Guest Speakers:-

Speaker : Dr. Anjani Gopal, Senior Resident, Department of Psychiatry

Moderator : Dr. Azhar Mahmood Farooqui, Associate Professor, Department of Psychiatry

Guest Lecture on World Suicide Prevention Day

The Department of Psychiatry, Integral Institute of Medical Sciences & Research, Integral University, Lucknow organized a Guest Lecture on "World Suicide Prevention Day, Theme: Creating Hope Through Action" on 10th September 2022 from 11:00 am onwards by Dr. Sujit Kumar Kar, Additional Professor, Department of Psychiatry, King Goerge Medical University, Lucknow.

Integral University hosted the second meeting of the Covid Relief Committee (CRC) on 5th September 2021. The meeting was convened by Mr. Najmuddin Ahmad Farooqui, and attended by 27 eminent members drawn from various walks of life. During the inaugural speech, Maulana Khalid Rasheed Farangi Mahali, the Chairman of CRC and Islamic Centre of India, Eidgah, Aishbagh informed about the valiant efforts of the CRC members in making relief reach the masses most efficiently. He mentioned that the CRC was established by him as an emergency response. It had contributed hugely towards extending relief to the Covid patients during the second wave, by way of collecting information of symptoms in a proper format, providing free consultations from 8 am to 10 pm, and free prescriptions. CRC worked towards raising amongst the masses on how, when, and what medicines were to be consumed by the patients. CRC was generous enough to provide free medicines to the poor and needy. Medical Kits were delivered in backward localities and medicines were made available in 9 hospitals in remote areas of the city. Also, ration kits were delivered from door to door. The tadfeen helpline established by the CRC helped in the last rites of several victims of the pandemic during the second wave in April and May of 2021. CRC has tirelessly worked towards dispelling the myths and fears against vaccination by way of counseling and distribution and display of over 100 posters across the city, promoting vaccination. Maulana Khalid Rasheed appreciated the efforts of Integral University during the crucial times of Covid by successfully treating almost 2000 Covid patients with a recovery rate greater than 70%. He immensely praised the Integral Institute of Medical Science and Research (IIMSR) Department for installing a 20 kl liquid oxygen tank.

Since the CRC is continuously making efforts, it was decided to increase the outreach by enhancing social media presence, increasing diversification of services, establishing community kitchens, organizing camps in remote areas, etc. The members were briefed on several Central and State governments' schemes, such as Ayushman Bharat Yojana and PM Jan Arogya Yojana, that have immensely helped the citizens of the country cope with medical treatment during the pandemic. It was decided to take these schemes to the poor and the needy so that more persons can avail benefits as envisioned by the government. The meeting ended with the Presidential address by Prof. Syed Waseem Akhtar, Founder, and Chancellor, Integral University.

Prof. Akhtar praised the efforts of the CRC and the vaccination drive at Eidgah, Lucknow, and emphasized providing vocational skills and training to the deprived youth, in addition to the relief activities, so that more persons become capable of extending help instead of receiving it.



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- Prof. (Dr.) Mohammed Haris Siddiqui
Director,
Directorate of Admissions & Academics

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