INTEGRAL UNIVERSITY
LUCKNOW - INDIA

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NEWSLETTER

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Integral University

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Pro-Chancellor
Integral University

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Dr. H.M. Arif Nadvi
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Editorial

اداریہ

Dr. H.M. Arif Nadvi
Head, Department of Languages

Message from the Editor :

We trust that our esteemed Readers are keeping well!

The commencement of the New Academic Session is at its heart. New dreams, hopes, aspirations and events are unfolding. We feel honored to welcome you all to the Integral University Newsletter July 2021 that recounts some of the most recent Developments, Initiatives, Events in the Department , Awards & Recognitions, Projects & Plans, Research Activities, Best Practices and Institutional Reports and much more from November 2020 - July 2021. We hope you enjoy reading this issue.

We have observed that life comes at us in waves. We can't predict or control those waves, but we can learn to surf (Dan Millman). It symbolizes the coin having two sides, affluence on one and adversity on the other. Life is for living and not for pinning. It is neither an endless sea of sorrow or a Heaven of infinite happiness. Adversity is a trial; it challenges our strength, our faculties and our resourcefulness. Out of despair, hope rises and from ugliness, beauty is born. Providence lies in accepting the two. Gold shines better when it is beaten, even a gem can't gleam unless it is properly polished. So does our indomitable spirit when confronted with trials and tribulations. Adversity sharpens our power of observation with a new insight to understand Matter and Spirit.

An institution symbolizes the Noah's Ark to save mankind from the flood of ignorance and arrogance, a holy place where child's mind can be easily fashioned into any shape we need; the only thing it needs is the skilled hands . Virtue lies in acting at the right time and in the right direction.

Integral University, a rare phenomenon that the world may witness once in the millennium, a real interpretation of the dreams and above all, a miraculous manifestation of Prof. S.W. Akhtar's dynamic vision, has turned out to be the beacon of hope and inspiration across generations. The Strategic Planning and high ambitions of a truly exceptional Architect, Dr. Syed Nadeem Akhtar, the Pro-Chancellor, the scrupulous efforts and lofty mission of highly innovative administrator, Professor Javed Musarrat, the Vice-Chancellor and the teachers, the backbone of the academic mechanism, busy in nurturing and honing aspirants through ultramodern teaching methods, are some of the attributes that make this Seat an Inspiring Excellence.

We wish to thank all the Newsletter Contributors for sharing valuable information with our readers and look forward to continuous support in the coming issue in November 2021. **Happy Reading!**

دنیا نہیں مردانِ جفاکش کے لئے تنگ

یہ عالم آب وگل سب اسباب وعلل کے تابع ہیں۔ از آفرینش کائنات تا امروز یہی رمز فطرت ہے کہ سائل کو بقدر ظرف ملتا ہے۔ مدبر کائنات انسانی کشکول میں تبھی کچھ ڈالتا ہے جب عزم وعمل سے لبریز یہ کاسہ گدائی **"ھل من مزید ، ھل من مزید"** کی صدائے مسلسل سے اسے نوازنے پر مجبور کردیتی ہے۔محمد عربی کا یہ فرمان مشعل راہ نہیں تو اور کیا ہے؟ "اللہ کے بندوں میں بعض بندے ایسے ہین کہ اگر وہ کسی ناممکن کو ممکن بنانے کی قسم کھالیں تو چاہے گردش زمانہ پلٹ جائے، سورج کی دھڑکن رک جائے، مگر ان کی قسم پوری ہوکر رہے گی"۔

یہ چند تمہیدی سطریں ایسے شخص کو منسوب ہیں جس کے سنگ راہ سے ہزروں چشمے ابل رہے ہیں، جس کی جہاں بینی اور جہاں بانی فطرت نے انٹگرل یونیورسٹی کو ایسے مقام پر لا کھڑا کیا جو ہندوستانی مسلمانوں کو خاص طور سے اور امت مسلمہ کو عمومی طور سے یہ پیام دے رہی ہیں۔

یہ بزم مئے ہے یاں کوتاہ دستی میں ہے محرومی
جو بڑھ کر خود اٹھالے ہاتھ میں مینا اسی کا ہے

یہ چند بونے الفاظ اس عظیم شخصیت کیلئے وقف ہیں جو اپنے آپ میں ایک انجمن ہے، جو ہمیشہ ستاروں سے آگے جہاں تلاش کرنے کی ترغیب دیتا ہے اور جو عالم رنگ وبو پر قناعت نہ کر کے آسمانوں پر کمندیں ڈالنے میں ہمہ تن مصروف ہے۔ جب کسی کی تصویر کشی کی جائے اور الفاظ ساتھ چھوڑ دیں تو اس تصویر کا نام ہے **پروفیسر سید وسیم اختر**، بانی وچانسلر، انٹگرل یونیورسٹی۔(اللہ آپ کی عمر دراز کرے)

ہم سلوٹ کرتے ہیں ڈاکٹر سید ندیم اختر (پروچانسلر انٹگرل یونیورسٹی) کی عقابی روح کو، ان کے جذبۂ سعی پیہم کو، مجموعہ کمالات پروفیسر جاوید مسرت (وائس چانسلر انٹگرل یونیورسٹی) کی علمی، تحقیقی وحسن انتظامی صلاحیتوں کو جن کی پذیرائی کے لئے الفاظ محدود ہیں اور اساتذہ وتشنگان علوم وفنون جن کی محنت ولگن سے یہ گلشن گلشن ہے انکی خدمت میں یہ نیوز لیٹر ہدیہ تہنیت ہے۔ قلم نے جب جواب دے دیا تو دست دعا یوں دراز ہوئے۔

سلامت تو، ترا میخانہ، تیری انجمن ساقی!
دنیا میں رہیں ہم یا نہ رہیں انٹگرل تیرا نام رہے

ڈاکٹر حافظ محمد عارف ندوی

INTEGRAL UNIVERSITY
इंटीग्रल विश्वविद्यालय
LUCKNOW-INDIA
VISION
To lead the teeming millions of the world through the wilderness of ignorance and illiteracy, as "Kindly Light"#
with the resounding divine proclamation.
"Read: Thy Lord is the most bounteous."*
and to educate them in the most constructive and innovative ways.
To integrate the ebullience, intellect and dynamism of youth with decency, decorum, discipline and dedication through value-based quality education.
#Exodus (13:21) *Quran (96:3)
MISSION
To make every student a role model of intellectuals and torch bearers for others all over the world through his / her inspiring existence.
To inculcate a spirit of confidence, self-respect and firm commitment in students alongwith farsighted wisdom and understanding.
To make India a self reliant and dominant G-1 country recognized for quality education, higher economic growth and valuable moral practices.
Prof. S. W. AKHTAR
FOUNDER & CHANCELLOR

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

شاہیں کبھی پرواز سے تھک کر نہیں گرتا
پُردم ہے اگر تو، تو نہیں خطرۂ افتاد

Prof. S.W.Akhtar, inaugurated the Exhibition on: "Role of women in Architecture", organized by the Faculty of Architecture & Planning, Integral University, on March 3, 2021.

He presided over the 3rd International Urdu Conference on March 8, 2021, at Maulana Azad Institute of Humanities Science & Technology, Mahmudabad, Sitapur, U.P.

He presided over the 2nd Zone-Wise Meeting of All India Analysis of Accreditation Report North Region on April 11, 2021 at Integral University.

He addressed the Inaugural Session of FDP, organized by the Department of Languages, Integral University, Lucknow, on June 24, 2021.

Prof. S.W. Akhtar, Founder and Chancellor, has been actively participating in social, cultural and academic programmes, conducted by National and International organizations to promote the modern and research oriented education.

Prof. S.W. Akhtar inaugurating the 20kl liquid oxygen tank at Integral University

Prof. S.W. Akhtar participating in Plantation Drive at Integral University Campus

Prof.S.W.Akhtar, along with the Hon'ble Governor of Kerala, Shri Arif Mohammed Khan and Dr. Ammar Rizvi, Ex. Deputy CM. UP. at Maulana Azad Institute of Humanities Science and Technology, Mahmudabad in Third Internatinal Urdu Conference

Prof. S.W.Akhtar, Founder and Chancellor, Integral University addresing the Session

Integral University Welcomes

Prof. Javed Musarrat joined as a regular Vice-Chancellor of Integral University on March 01, 2021. He was earlier the Vice-Chancellor of Baba Ghulam Shah Badshah University, Rajouri, J & K, from 2015 to 2020. He has been a full Professor of Agricultural Microbiology in the Department of Agricultural Microbiology, Faculty of Agricultural Sciences, AMU, Aligarh.

He has a vast international exposure, as he worked as Postdoctoral Fellow in 1988 at the National Institute of Public Health and Environmental Protection, Bilthoven, The Netherlands. He was visiting Assistant Professor under NIH Faculty Development Program at The Ohio State University, Columbus, the USA , from 1992-1996. Later he worked as visiting Professor at the Michigan State University, E. Lansing, Michigan, the USA, from 2000 - 2001 and as a Chair Professor at the King Saud University, Riyadh, from 2008-2012. He has also been the International Professor at KSU, and Distinguished Adjunct Professor at King Abdulaziz University, Jeddah, and the Kingdom of Saudi Arabia. He was also the Visiting Scientist at Nanjing University, Nanjing, China and invited speaker to many institutions abroad. He served as the International Professor at King Saud University, Riyadh and Distinguished Adjunct Professor at King Abdul Aziz University, Jeddah.

Prof. Musarrat has served Aligarh Muslim University, Aligarh, in various capacities as the Dean, Faculty of Agricultural Sciences for two terms, Chairman, Department of Agricultural Microbiology for three terms. In addition to his academic role and responsibilities, he possesses eighteen years of experience in Educational Administration and served Aligarh Muslim University in different capacities as Member-In-Charge (MIC), Dawakhana Tibbiya College, a Unani Pharmaceutical Company of AMU for several years, Officer-on-Special Duty (Development), Registrar and officiating Vice-Chancellor, Aligarh Muslim University, Aligarh. Prof. Musarrat is an internationally acclaimed scientist working in Nanobiotechnology and Toxicology with more than 200 International publications in Scopus and Web of Science indexed peer-reviewed journals, published 23 book chapters, and six books from Springer and NOVA, the USA Publishers. He also has a US Patent and more than 190 Bacterial, Plants and Viral DNA sequences deposited at NCBI-Gen Bank Database, USA and has several awards to his credit. His research work has earned more then 9800 citations and has a very high h-index of 53, which depicts the quality of his research work.

Brig. (Dr.) Pradeep Srivastava is an alumnus of Aligarh Muslim University, and Post- Graduate in Hospital Administration from the All India Institute of Medical Sciences (AIIMS), New Delhi. After 36 years of service in the Indian Army, he has joined this prestigious IIMS&R as Medical Superintendent on 15th March 2021.

He has vast experience in the management of hospitals with more than 800 beds. He had managed multiple Army teams in floods of South India. He had also designed a prototype of the ambulance (ALS) in AIIMS, New Delhi, which later was adopted by the Government of Orissa. He is also specialized in piped gases for hospitals. As a professor at Armed Forces Medical College (AFMC), he guided many students for Postgraduate courses. He is an examiner of Maharashtra University of Health Sciences (MUHS), IGNOU and Diplomate of National Board (DNB). He has published many papers on National & International grounds. He is a member of various medical societies. Presently, he is an executive committee member of the Academy of Hospital Administration. He is an editor of JAHA and has reviewed many articles.

Dr. Wahajul Haq Joined Integral University in November 2020 as a Professor in the Department of Chemistry and as Dean, Research and Development. Dr. Wahajul Haq is Ph. D. in Chemistry and started his career as a Junior Research Fellow (CSIR) at Central Drug Research Institute, Lucknow, in 1982, continued in various positions in The same Institute and superannuated as Professor (AcSIR), Chief Scientist and Head, Medicinal and Process Chemistry Division Central Drug Research Institute, Lucknow.

Dr. Haq has made significant contributions in Bio-organic and Medicinal Chemistry, as evident from more than 165 publications and patents. Dr. Haq has guided several Ph. D. M. Pharm. students and received extramural funding from DST, DBT and CSIR. He discovered several novel molecules as drug candidates for Pain management, Malaria, Cancer, Microbial infections, including Tuberculosis, and developed new technologies for the synthesis. Dr. Haq has been Visiting Scholar at the University of Arizona, the USA, Beckman Research Institute-Los Angeles, the USA and Ferring Peptides, Sweden. He has provided consultancy services to Indian Pharma companies and also transferred technologies. Dr. Haq has been assigned the responsibility to strengthen research and development activities at Integral University.

Er. Mohammed Atif Siddiqui has joined the Department of Electrical Engineering of this prestigious university as an Assistant Professor. Mohammad Atif did his B.Tech. in 2013 and M. Tech. in 2015 in Electronics and Communication Engineering from the Department of Electronics and Communication Engineering, Integral University, Lucknow . Recently, he has submitted his Ph.D. thesis entitled "Controller Design in Improved Control Structures for Linear Time-Invariant Systems" to the Department of Electronics & Instrumentation, National Institute of Technology (NIT) Silchar, India. His research interests include Sliding mode control, PID controller and PIDA controller in different control structures such as cascade control, parallel control and some other modified structures. He has published papers in peer-reviewed science citation index (SCI) journals, Emerging SCI journals and International IEEE conferences. Through his research work, he has gained expertise in designing projects, performing simulations in advanced engineering software, and writing research papers.

XII Convocation

Degree is not the ultimate goal; It's the first step towards a lofty goal

Prof. S.W. Akhtar, Hon'ble Founder and Chancellor, Integral University, Dr. Syed Nadeem Akhtar, Pro-Chancellor, Prof. Aqil Ahmad, Pro Vice-Chancellor, Prof. I.A. Khan (Heavenly), former Registrar, Prof. Abdul A. Rahman Khan, COE. and Dr. Saba Siddiqui

Convocation is a tremendous academic milestone when a university celebrates the accomplishments of its products. The XII Convocation commemorates their lives at Integral University and an opportunity to share their significant milestone with faculty, peers, family and friends. It was held on 3rd November 2020. Due to the Covid-19 Pandemic and in order to follow the social distancing norms set by the Central and State Governments, the ceremony was a virtual one and it was live telecast on Integral University's official YouTube Channel. This was not only the year of novel virus but also the year of the novel methods of connecting with our students and sharing our achievements virtually.

Prof. Ashutosh Sharma, Secretary, Department of Science and Technology, New Delhi, glorified the commemoration as the Chief Guest along with Prof. S. W. Akhtar, Hon'ble Chancellor and Founder, Integral University. Other delegates include Dr. Syed Nadeem Akhtar, Pro-Chancellor, Prof. Aqil Ahmad, Pro Vice-Chancellor, (Late) Prof. Irfan Ali Khan, former Registrar and Prof. Abdul Rahman Khan, Controller of Examinations. The commemoration was set in motion by Dr. Saba Siddiqui, Head, The Department of Agriculture, Integral Institute of Agricultural Science and Technology. This was the first time that this august ceremony was held virtually. These are the challenging times that the world is going through and Integral University is trying its hardest to bridge the gap between the students and their college life. Prof. Aqil Ahmad, Pro Vice-Chancellor, announced the results of the Academic Sessions, highlighting the achievements of academic and social excellence of Integral University. Prof. Ashutosh Sharma delivered the Convocation address. He said, "No matter what your grades are, all of you will contribute to Science to Society and to nation in extraordinary ways." He urged the students to work towards achieving the vision of our Hon'ble Prime Minister in building a new India. He further appreciated the IIMSR for treating the Covid-19 pandemic-affected patients. Prof. S.W. Akhtar, the Hon'ble Chancellor, took to the stage to bestow his blessings. He congratulated and appreciated the student's hard work and devotion towards studies even in these challenging times.

A PROUD MOMENT !!

Integral University sets up 20kl liquid oxygen tank in Lucknow

The Integral Hospital, under the Integral Institute of Medical Sciences & Research, Integral University, Lucknow, has continued to take extraordinary steps to serve the society in the time of the Covid-19 pandemic. The Hospital has been efficiently rendering its healthcare services to thousands of patients since March 2020. The role of the hospital in the treatment and management of the disease, with its exemplary care to the patients and the high recovery rate, led to the prestigious recognition at the hands of the Hon'ble Governor of Uttar Pradesh last year. In continuation of its useful services, the Integral Hospital has installed a liquid oxygen tank at its campus. This Oxygen Tank is the courtesy of Prof. S. W. Akhtar, Founder and Chancellor, Integral University and Dr. Syed Nadeem Akhtar, Pro-Chancellor, Integral University, Lucknow.

The tank was commissioned and inaugurated on Monday, 17th May 2021, by Prof. S. W. Akhtar, the Chancellor of Integral University. With its capacity of 20-kilo-liters, the tank will prove useful in maintaining the continuous supply of medical-grade oxygen to the hundreds of beds in the hospital for a few days at a stretch.

The primary motive for the installation of this tank is to tackle the Oxygen shortage that our country is facing during these dreadful times of the Covid-19 pandemic. The Oxygen will be available at Integral Institution of Medical Science and Research to provide helping hands in the Oxygen shortage that our country is facing. There are numerous advantages of liquid oxygen tanks. For starters, liquid oxygen takes up less space than oxygen in its gas form, making it easier and lighter to carry around. Not only that, but it also can be stored at a much lower pressure. This makes liquid oxygen tanks safer than concentrated oxygen cylinders, which are under high pressure.

The University highly appreciates the untiring efforts of Mr. Sufian Abbasi, Director of Procurement, Integral University, who ensured the setup and commissioned in a few weeks. Integral Hospital is committed to taking all initiatives towards the providing of high-quality healthcare to all citizens of the country.

INTEGRAL INTERNATIONAL SCHOOL

UNDER THE PATRONAGE OF INTEGRAL UNIVERSITY

Fatehpur Khamrai Sansarpur, Lucknow, U.P. India - 227202

An International School is a School that Promotes international education in an international environment either by adopting a curriculum such as that of the International Baccalaureate , Cambridge Education, or by following a National Curriculum. Keeping this aspect in mind, the Hon'ble Founder and Chancellor of Integral University, Prof. S.W.Akhtar envisioned an institution that would provide the basis of learning and overall development of our students who respect the Cultural Diversity, National Integrity and have the sprit of innovations in the learning Process. To fulfill his desire, a well Planned School with the name of Integral International School was established in the year 2019 . This school has unique features which bring the school amongst the top schools of Lucknow. Integral International School has a huge and well constructed building having all the amenities required for good teaching as well as the overall development of the Students.

MISSION :

Accessibility: Every child must have a school within reach and reliable transportation facility.
Economy: Every child has the right to affordable education.
Equality: Irrespective of gender, caste, economic status, or religion, every child has the right to attend the school.

The School aims to provide a secure, caring and suitable environment for students where everyone is encouraged to achieve maximum potential. The school faculty and staff are ready to provide professional learning. The teachers are trained to meet the social, emotional and community needs of all students for their academic achievements.

ACADEMICS :

The school is affiliated with the Central Board of Secondary Education and follows the CBSE Curriculum. Emphasis is laid on experimental learning , excursions, talks by the invited speakers and assignments. The Curriculum revolves around the specific vision and has been designed for life long learning and helps the children in becoming global citizens by equipping them with Life Skills and positive attitudes.

FACILITIES :

TRANSPORTATION: The school provides safe transport to the students. A reputed contractor provides vans/buses with GPS Facility to pick and drop our students.
LABORATORIES: The School has the most updated Physics, Chemistry, Biology and Maths Laboratories. AUDIO-VISUAL ROOMS/SMART CLASS- It offers a digital multimedia library covering all major aspects. It provides the aspirants with the study materials and at the same time, makes learning fun and meaningful.
LIBRARY: A well equipped library with books on various subjects, encyclopedia and periodicals are available for students. There is a proper provision of the reading room and reference section.
COMPUTER LABORATORY: It is a place with the latest broadband equipped computers that are helpful in imparting computer education.
PLAYGROUND: The school has a spacious playground having a Lawn Tennis Court, various outdoor games and a separate kids play area with a jumbo playstation trampoline and sand activity area with a Swimming pool.
INDOOR SPORTS ROOM: It has a separate room for Indoor Games like: Table-Tennis, Carrom, Chess, etc.
YOGA ROOM: Yoga and Meditation are an integral part of the curriculum. At T.H.S, the day starts with meditation.
HEALTH CARE: Health camps for regular Dental/Eye Check-up/ other medical examinations of students are held to keep them healthy.
CANTEEN: Cafeteria offers healthier and hygienical food and make healthy food choices and develop healthy eating habits.
HOSTEL FACILITY: The School provides safe, secure and well-equipped Hostel rooms for those students who come from far places.

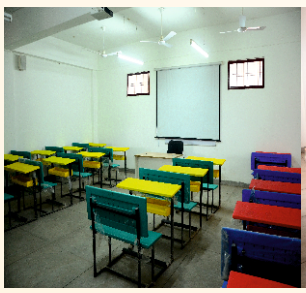
EXTRACURRICULAR ACTIVITIES

House System: The students are divided into four houses: Azad, Sarojini, Sir Sayyed and Ali-Miya. Inter-house competitions are held regularly to cultivate feelings of team work, healthy competition and sportsmanship.

Functions And Celebrations: All national and religious festivals are celebrated enthusiastically in an organized and cultural way by mass participation of students and staff. Annual concert, Founder's Day, Crafts and Science Exhibition cum Fete are also celebrated with much excitement.

CCA: As per the annual ECA calendar, students participate in various Co-Curricular Activities like Essay, Debate, Quiz, Elocution, Hands-on Workshop, Model making and Sports.

Excursions: School Picnics, Nature study trips, Excursion tours are simultaneously organized with academics.



Republic Day 2021

Celebrated at Integral University

Prof. S.W. Akhtar, Founder & Chancellor, Integral University, Celebrating Republic Day

Orientation 2020

"Education is the most powerful weapon which you can use to change the world." - Nelson Mandela

Abiding by these words, Integral University welcomed many new faces as college freshers this year, Introducing a new and very important chapter in the story of their lives. The Campus cordially welcomed the newest scholars and family members in Integral University, Lucknow. The 2020 Orientation program was successfully organized by Integral University from November 23 to 25, 2020, virtually on University Official YouTube Channel. This was the first time that we celebrated this august occasion which was distinctively virtual.

The program started with the welcome address by Professor M.A. Khalid, Dean, Students' Welfare, which was followed by a short film showing that how all of us at Integral University have navigated through this difficult year. Through the short film, the newest scholars were given a short tour of the Integral University campus.

Orientation is the first step in this remarkable journey and attendance is compulsory. During the orientation programme, the students have the opportunity to meet Senior Officials of the University, interact with students, staff and faculty from diverse backgrounds who share the strategies for successfully adjusting to college life, getting involved on campus and making good choices. These sessions provide practical and valuable information about university policies, programmes and services which are being offered to the students for a healthy environment, quality education, training and preparing them for the challenges ahead.

Prof. Aqil Ahmad, Pro Vice-Chancellor, Integral University, in his welcome speech to the parents and students, communicated the importance of hard work, concentration, and discipline in academic life which is the real world for them to gain varied experience. Prof. (Dr.) Mohammad Haris Siddiqui, Director, Directorate of Admissions and Academics, advised the students to make tireless efforts to achieve the objectives of theirs. He wished the students a bright future and a memorable time during their stay at this grand University and seat of excellence.

Prof. Tahseen Usmani, Dean Research and Proctor of the University, embraced the audience with the assurance of warmth and considerate administration but with a No-tolerance policy over any foul or unlawful activities in the campus. He assured the parents that the Integral Campus is strictly a Ragging Free University where seniors and faculties share a great bond and the university is always at the service of Humanity.

Integral Institute of Medical Sciences & Research, Lucknow

Prof. S.W. Akhtar, Hon'ble Founder and Chancellor, Integral University, Dr. Syed Nadeem Akhtar, Pro-Chancellor, Hon'ble Vice-Chancellor, Prof. Javed Musarrat and Mr. Syed Mohammad Fauzan Akhtar, Assistant Director, IIMS&R, Lucknow

Achievements of IIMS&R

The Covid -19 pandemic in India, continued as a curse with the second wave as the Delta variant engulfed the whole country. Uttar Pradesh was no less with Lucknow in the lead role. The Government then decided to convert the Integral Hospital to be converted in the Covid-19 hospital with 320 beds. We converted all our ICUs into COVID-ICU, 10 beds of the old casualty were made as Triage ward and 200 beds were made into isolation beds. This hospital was nominated as L2 hospital. All the doctors, residents, interns, nursing staff, ward boys, and sweepers were pressed into service to accomplish the daunting task of managing COVID patients. All doctors with more than 60 years were given either control room duties, ECCs duties, or AMS duties. The control room duty was to coordinate between the government and the hospital for admission. The ECCs' duties were to give information to the next to kin of patients and coordinate transfer of patients from this hospital to L3 hospital. The AMS were helping hand of the Medical Superintendent and during off duties hours act as Medical Superintendent.

The Department of Microbiology did a wonderful job for running the RT/PCR Lab twice a day to give prompt results and an other urgent test for COVID. A total of 1792 cases of the corona were admitted with 213 deaths, and 1451 were successfully discharged. From 1st of June 2021, we had nil cases of corona and opened our emergency ward for patients having problems of urgent nature. The Staff had performed wonderfully well under the leadership of the Prof. M. Z. Idris (Dean) and Brig. (Dr.) Pradeep Srivastava, (Medical Superintendent cum Vice-Dean) to achieve the best results. During this period, we lost some important dignitaries. During CORONA Pandemic between April 21 to 31 May 2021, there was severe Oxygen crisis and on one of the days, we had 80 patients on Oxygen and only 15 minutes of O2 were left. The lives of the patients were on the verge of death, It was then the effort of Mr. Sufiyan Abbasi, Director of PO, did wonders and the hospital finally got 20,000 liter capacity of LMO in record time. There was an official inspection for Post Graduate in the Department of Radiology, Surgery, Medicine, and Orthopedics for allotment of post-graduate seats during the full period of COVID. We had positive response, however, the result of allotment of Post Graduation is still awaited.

Student Development Activities
Initiatives : CCG&D

Centre for Career Guidance & Development (CCG&D) organized the opening ceremony of Bosch- Integral Collaboration Centre, which was inaugurated by the Honorable Founder and Chancellor, Integral University, Prof. S.W. Akhtar, on February 8 2021. The BOSCH Ltd. has sponsored the center through its Corporate Social Responsibility scheme. The centre is fully equipped with all the required technology and training support tools. The IACL (Industry-Academia collaboration Lead) has been nominated by the University and trained by the BOSCH. This is a landmark collaboration for the University and is the first in the state of Uttar Pradesh.

The CCG&D organized a Workshop on "The Placement Process Journey" by Mr. Gurpreet Walia - Founder of the myAthena, on March 03, 2021, for Management students.

CCG&D arranged an Internship Awareness Session in collaboration with Internshala on "How to ace your summer internship" on March 10, 2021. It was conducted by Ms. Krishangi Pandey for B. Tech / BBA / BCA / B.Com / MBA / MCA students.

An Online Meeting was organized on "Establishing Toastmasters club" at Integral University" By Toastmasters on Public Speaking and Leadership Skills on March 13, 2021, for B. Tech / MBA - 2022 / 2021 Batch students.

A Seminar on "Role of CAD and CAE in Engineering" conducted by Mr. Anuj Kumar on 17th March 2021 for Diploma (Arch / CE / ECE / EE / ME) - 2022 & 2021 Batch at Integral University.

Webinar on "Build Your Personal Brand" by Tripat Mehrotra - DeANTS on 19th March 2021 for B. Tech / MBA / BBA / B.Com - 2022 & 2021 Batch.

Webinar on Eligibility Criteria for getting admission in International Universities & How to get Scholarships. Organized by CIE-Consortium for International Education on 21st March 2021 for B. Tech / BBA / BCA / B.Com / B.Sc. / B.Pharma / BPTh - 2022 & 2021 Batch students

Webinar on "Placement preparation session and training internship" by Ms. Pragya Kumari (Graduated from NIT Warangal and currently working in Adobe India) and Mr. Mayank Kumar Singh (Graduated from IIT Bombay and currently working with Sony Japan) on 28th March 2021 for B. Tech / MBA / BBA / B.Com - 2022 & 2021 Batch.

CCG&D participated in the Australia Education Fair by SIEC Education on 2nd April 2021 for B. Tech / BBA / BCA / MBA / MCA - 2021 Batch. Webinar on Overseas Education / Scholarship Post Covid-19 on 6th April 2021 for B. Tech / MBA / BBA / B.Com - 2022 & 2021 Batch.

Faculty of Education and the Department of Humanities

Hon'ble Vice-Chancellor, Prof. Javed Musarrat and Prof. Aqil Ahmad, Pro Vice-Chancellor, Integral University, Lucknow

There is a very famous proverb in English literature which says, "Work while you work and play while you play that makes a person healthy, wealthy and gay." And this is the real essence of life that accomplishes any task continuously without any creative gap leads the person to monotony and boredom. Favouring the instinct of the above proverb, the Faculty of Education and the Department of Humanities always believes in providing such platforms to the students where they can showcase their hidden talents and get their skills polished.

As India believes in the concept of equality, justice and always stands against inequality and injustice, be it at the domestic, local, national, or international level, to imbibe the same ethics in our students, 25th November 2020 was celebrated as International Day for Elimination of Violence against Women. To celebrate the day, an online Collage Competition was organized on three themes. These were Awareness Regarding Women's Violence, Gender Sensitization on Violence Against Girl Child and A Positive Message on Women Empowerment. Students shown their great zeal in depicting their novel ideas through the collage.

The Pollution is the universal problem of the present era being faced by each and every individual. On 2nd December, 2020. The students of the Faculty of Education and the Department of Humanities celebrated "National Pollution Control Day" and participated in various activities, viz., Tree Plantation Activity, Best out of Waste Competition and Elocution Competition. Students had planted trees in their own home or vicinity areas and shown the whole procedure through online mode. In this manner, the students tried their level best to combat with the present situation of pandemic COVID-19 and keeping themselves safe at home as well.

Youth is the biggest treasure for any country. If the youth is educated, responsible and presentable, it can serve the country in true sense. To accelerate the overall growth of our youth the "National Youth Day" was celebrated by the Department on the birth anniversary of Swami Vivekananda on 14th January, 2021, in which online quiz was organized on the life sketch of Swami Vivekananda and educational implications of his vision. The notion behind organizing such quiz was to imbibe such basic qualities into our youth which can modify them into a personality like Swami Vivekananda.

The next activity organized was Essay Writing Competition on 23rd January, 2021 on occasion of the birth anniversary of Netaji Subhash Chandra Bose. Participants had to pen down their view points on either of the two topics "Role of Netaji Subhash Chandra Bose in Indian Freedom Movement" and "Women Empowerment in Azad Hind Fauj". Large number of students participated in the competition and presented their thoughts.

Women are an indispensable part of the society and contribute to half of the world's population. To pay a positive gesture to them and to make their unavoidable presence felt. National Women's Day was celebrated on 18th February, 2021, on the birth anniversary of Mrs. Sarojini Naidu. A Poetry Writing Competition was held in this regard and the topic was “Nightingale of India”. The students participated in huge numbers. The competition was a great success depicted by a good participation from students showing their desire to understand the importance of the day and also keenness to understand how much they are aware of the importance of this day.

Throughout the academic session 2020-21, inspite of online classes going on and prevailing unfavorable circumstances, the Department kept on organizing and helped a lot in inculcating basic morals, ethics and cultural norms of our motherland India.

The faculty members of the department also took the initiative to turn the period of lockdown into a fruitful experience and participated into a number of webinars and the other faculty development programmes. This helped them a lot in polishing their teaching skills and becoming a more learned professional.

Hon’ble Vice-Chancellor, Prof. Javed Musarrat, Prof. Aqil Ahmad, Pro Vice-Chancellor and Dr. Adnan Lodhi, HoD

NAAC - 2ND ZONE WISE MEETING

Integral University, Lucknow, organized the 2nd Zone-wise Meeting on "All India Analysis of Accreditation Report" of National Assessment and Accreditation Council on April 11 and 12, 2021.

Integral University, on account of its unique culture of inclusiveness, personal and intellectual integrity, and value-based education, has gained a paramount importance in the educational setup of the country. It is approved by UGC under sections 2 (f) and 12 (b) and accredited by National Assessment and Accreditation Council (NAAC) in 2015. It is recognized as a Scientific & Industrial Research Organization (SIRO) by the Department of Scientific & Industrial Research, Ministry of Science & Technology, Government of India.

The function was inaugurated by Her Excellency, Smt. Anandiben Patel, Governor, Uttar Pradesh, and Dr. Dinesh Sharma, Hon'ble Dy. Chief Minister, Uttar Pradesh, was the Guest of Honor on April 11, 2021. The Prime Agenda of the National Assessment and Accreditation Council (NAAC) is to assess and accredit all Higher Education Institutions who volunteers to get Assessment and Accreditation by the NAAC, provided they are eligible, as per the NAAC rules.

Accreditation plays a critical role in the overall institutional improvement, enhancing its societal image and status. It helps the institution to know its strengths, weaknesses, opportunities, challenges and identifies internal areas of planning and resource allocation. Accreditation gives the institution a new sense of direction and identify with a greater sense of accountability and enhanced credibility.

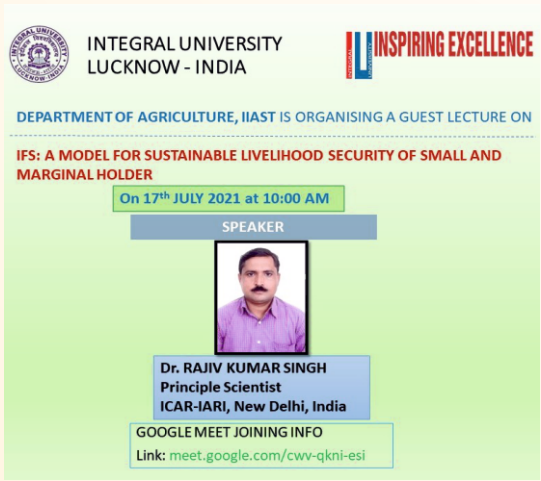
Faculty of Agriculture

The students of B.Sc. (Hons.) Agriculture fourth year, organized Kisan Goshthi event successfully in different parts of Uttar Pradesh (Lucknow, Varananasi, Azamgarh, Prayagraj, Raibareli, Sitapur, Ayodhya, Barabanki, Sant Kabir Nagar, Gorakhpur, etc.), and other states Bihar (Patna, Purnia, Madepura, etc.), West Bengal (Cooch Behar), Maharashtra (Pune) as a part of their Rural Agricultural Work Experience Program organized by Deptt. of Agriculture, IIAST, Integral University. It is an endeavor to build up equilibrium between conventional and modern farming. The students attempted to create avenues where farmers will be exploring the new innovative technologies of the sustainable farming system. The objective of this event was to enhance the capabilities of students in the field of Agriculture Extension work and give them hands-on experience of the real problem faced by the farmers and how they can be instrumental in helping them and creating awareness.

Prof. L.R. Meena, Principal Scientist and Head, IFS, Indian Institute of Farming System Research, Meerut, Prof. Yogeshwar Singh, Head, Deptt. of Agronomy, Rani Laxmi Bai Central Agricultural University, Jhansi, Dr. K.G. Yadav, Directorate of Extension, SVPUAT, Meerut and Dr. L.C. Verma, Head, KVK, Siddharth Nagar, visited Integral Institute of Agricultural Science and Technology and interacted with the staff and students.

Role of Organic Manure in Agriculture

The Department of Agriculture, Integral Institute of Agricultural Science and Technology (IIAST), organized a guest lecture on the topic "Role of Organic manure in Agriculture" on 15th July, 2021 through the virtual platform at 10:00 am. The guest speaker was Dr. Arun A. David, Associate Professor, Deptt of Soil Science and Agricultural Chemistry, Sam Higginbottom University of Agricultural Technology and Sciences, Prayagraj.



Conservation of Agriculture and Crop Residue Utilization

The Department of Agriculture, Integral Institute of Agricultural Science and Technology (IIAST), organized a guest lecture on "Conservation of Agriculture and Crop Residue Utilization" on 16th July, 2021 through the virtual platform at 10:00 am. The guest speaker was Dr. Ved Prakash Chaudhary, Principle Scientist, ICAR-IIFSR, Modipuram, Meerut.

DEPARTMENT OF LANGUAGES

شعبہ لسانیات — قسم اللغات

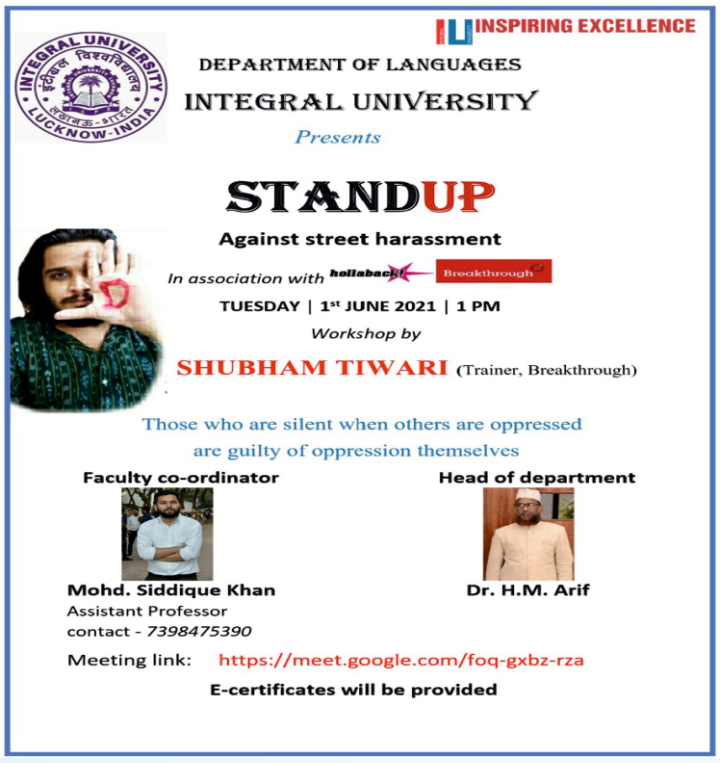
The Department of Languages, Integral University organized a number of Online Academic and Career Oriented Programmes as under here :-

A Two- Week Online International Faculty Development Programme on: Communication Skills : Theory & Practice , organized by the Department, concluded on 24 June 2021 with opulence of learning and experiences for the Participants from various Institutions, organizations across the world and all the States of India. The objective of the programme was to enhance Communication Skills, Teaching Techniques and promoting Applied Research through Modern Means of Communication.

The Inaugural Session started with the gracious presence of Prof. S.W. Akhtar, Honble Chancellor and Founder, Prof. Javed Musarrart, Honble, Vice-Chancellor. In their key addresses, they welcomed all the dignitaries, Expert Speakers and participants from various parts of the country and abroad. Also, they drew special attention towards the significance of the topics of the Sessions.The Program was briefly introduced by Dr. Aareena Nazneen, the Convener, and the Vote of Thanks was proposed by Dr. H.M. Arif Nadvi, Head, Languages and Chief Convener. The Chief Guest was Dr. David Sheehan, Khalifa University, Abu Dhabi. The programme was a great success in inspiring the participants for Communicative Approaches to classroom teaching. It empowered them to develop their Communicative abilities that play a vital role in training the Professionals in varied environments. The Speakers of Sessions laid emphasis on various roles of Effective Communication in teaching and learning tools.

Prof. S.W. Akhtar, Chief Patron, Prof. Javed Musarrat, Chairman and Prof. David Sheehan

Dr. Syed Nadeem Akhtar, Pro-Chancellor and Patron, Prof. Monowar Alam Khalid, Dean



Guest Lecture on "Ecofeminism"

A Guest Lecture on "Ecofeminism" was organized by the Women's Study Center and the Department of Languages on 16 March 2021. The speaker on the occasion was Prof. M. A. Khalid, Dean, Students' Welfare, Integral University, Lucknow. The lecture centered on the tenets of Ecofeminism and the various movements related to it. Prof. Khalid enlightened the students by shedding light on some renowned ecofeminists of India including Vandana Shiva, Sylvia Alice Earle, and Rachel Louise. Students from different departments along with the faculty constituted the audience, who were invigorated by the concept of Ecofeminism as well as on knowing how women and nature are in sync with each other. Dr. Amna Shamim, coordinator of the programme, proposed the vote of thanks.

Department of Civil Engineering

An "Enviro Olympiad 2.0", A National Level Online Quiz
Organized by the Department of Civil Engineering, Integral University, Lucknow

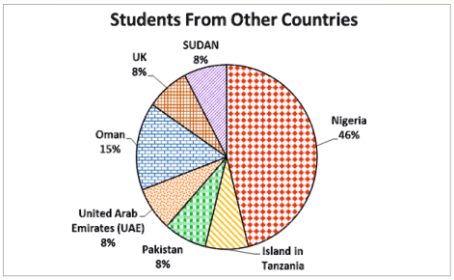
On the occasion of World Environment Day 2021, the Department of Civil Engineering, Integral University, Lucknow, organized Enviro Olympiad 2.0; a National level Online Quiz on the topic 'Environmental Restoration",on June 5, 2021.

According to the United Nations, "Ecosystem restoration means preventing, halting and reversing this damage to go from exploiting nature to healing it", keeping the objective in mind and to inculcate knowledge and to break the monotony due to COVID-19 lockdown, a National Level Quiz was organized and opened for all age groups. It consisted of multiple-choice questions that tested participants' knowledge, application and analytical skills; and simultaneously spread awareness on various topics related to the environment.

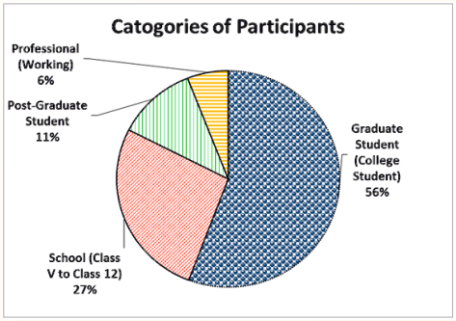
Major Highlights:

- Total Participant: 2609 from 8 countries and 24 states of India.
- Participants ranged from School Students, Under-Graduates, Post-Graduates, Academicians, Engineers, Medical Professionals and persons from all walks of life.

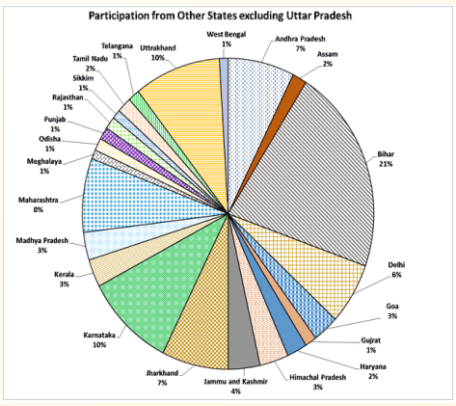
Students from many renowned institutions like SGPGI Lucknow, IIT Kanpur, IIT-BHU, Jamia Millia Islamia University, Aligarh Muslim University, Babasaheb Bhimrao Ambedkar Central University, TERI School of Advanced Studies, Central University of Haryana, Central University of Jharkhand, Chandigarh University,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

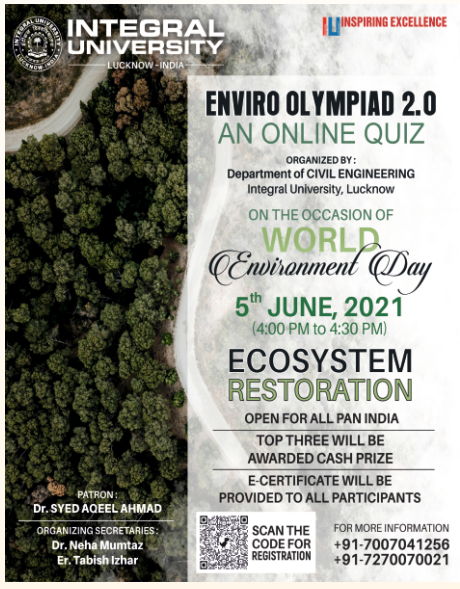


Maximum participation was observed from the home state Uttar Pradesh (2297), followed by Bihar (67), Karnataka (31), etc. Many International Participants took part in the quiz from the Kingdom of Saudi Arabia, Nigeria, Island in Tanzania, Pakistan, United Arab Emirates, Oman, Sudan and the United Kingdom that made this event an International one.



This Olympiad was successfully managed by organizing secretaries, Dr. Neha Mumtaz, Assistant Professor and Mr. Tabish Izhar, Assistant Professor, Department of Civil Engineering.





Guest Lecture by Er. Rajeev Baijal, Ex-General Manager NTPC

A guest lecture on "Opportunities for Civil Engineers in NTPC" was held on 12th May 2021, (online mode) organized by the Department of Civil Engineering. The guest speaker on this occasion was Er. Rajeev Baijal, Ex-General Manager in NTPC. Presently, he is associated as a Consultant to NTPC in New Delhi. The Programme was hosted by Mr. Iqbal Ahmad, a final year student who gave a brief introduction of the guest speaker. Dr. Syed Aqeel Ahmad, Head of the Department, welcomed the guest. Senior Faculty members and students attended the very interactive, informative and motivating lecture.

Er. Rajeev Baijal discussed the role of Civil Engineers in NTPC projects and how Civil Engineers are important at the initial stages of the NTPC projects. He also shared his experience of some important NTPC projects and discussed the difficulties that occurred during their execution. Er. Rajiv Baijal also explained the various steps of construction of machine foundations, Chimneys and the construction of nuclear power plants. He also appreciated the steps taken by the Head of the Department to organize such types of events for the students.

He also advised the students that they could enroll themselves as Graduate Engineer trainees if they have good Gate Score Card. An engaging interaction of the present students and industry experts witnessed the exchanges of ideas and prospects for the students. The Programme ended with the vote of thanks proposed by Mr. Rajiv Banerjee, Associate Prof. Dept. of Civil Engineering, Integral University, Lucknow.

Guest Lecture by Er. Shahnawaz Siddiqui, Planning Engineer in M/s Egis (I) Ltd. at Chaudhry Charan Singh Airport, Lucknow

A guest lecture on "Preparing the freshers for site job" was held on 29th April 2021 (online mode) organized by the Department of Civil Engineering, Integral University, Lucknow. The guest speaker on this occasion was Er. Shahnawaz Siddiqui, Planning Engineer in M/s Egis (I) Ltd. at Chaudhry Charan Singh, Airport, Lucknow. The Programme was hosted by Mr. Iqbal Ahmad, a Final year student who gave a brief introduction of the guest speaker. Anwar Ahmad, Associate Prof. welcomed the guest on behalf of Dr. Syed Aqeel Ahmad HoD, Department of Civil Engineering. Senior Faculty members and students attended the very interactive and informative motivating lecture.

Er. Shahnawaz Siddiqui explained the requirement of construction companies during the selection of Fresh Degree Holders. He advised the students that the Employers see the confidence level, technical knowledge, and whether the employee is ready to go anywhere in India, and develop a better understanding of the subjects. He advised the students to read thoroughly Indian Standard Codes that are usually used in the Construction Industry like IS 2502, IS 456, IS 1200, IS 1786, etc.

He also discussed the importance of various softwares that are helpful in the Construction Industry, like Primavera, MS Project, etc., if the students desire to opt Planning Field. He answered the specific questions and cleared the doubts expressed by the students. The Programme ended with the vote of thanks proposed by Mr. Rajiv Banerjee, Associate Prof. Dept. of Civil Engineering, Integral University, Lucknow.

Online Quiz on Road Safety

In compliance with the instructions by the Higher Education Department, Uttar Pradesh, regarding the observance of "Road Safety Awareness Month", the Department of Civil Engineering, Integral University, Lucknow, organized an Online Quiz on Road Safety on 17th February, 2021. E-Certificates were provided to all the Participants. Online registration was open for all the Departments.

Short Term Course (STC)

The Department of Civil Engineering, Integral University, Lucknow, under the Aegis of Human Resource Development Centre (HRDC), Integral University, organized a Four Day Short Term Course (STC) on "Total Station" from 13th March to 16th March, 2021. A total of 74 students from the Department of Civil Engineering, took part. The aim of the STC was to impart knowledge of Advance Surveying Techniques among participants. The STC was organized under the patronage of Dr Syed Aqeel Ahmad, Professor & Head of the Department of Civil Engineering, and Director, HRDC, Convener & Organizing Secretary of the STC was Mr. Anwar Ahmad, Associate Professor, Department of Civil Engineering, Integral University, Lucknow. The programme was inaugurated by Dr. Syed Aqeel Ahmad with the words of welcome for the course trainer Mr. SSY Jafri and highlighted the need to abreast the students with the latest technology in the field of engineering to enhance their skills and to make them Industry-Ready.

On the first day, participants were made aware of the functionality of the advanced survey instrument i.e. Total Station and Real-Time Kinematic (RTK) Differential Global Position System (DGPS) and its working principle. The Field survey was carried out from Day Two, i.e., 14th March, 2021, and continued till 15th March, 2021, wherein all the participants performed actual measurement on-site and done hands-on with the instrument. The keen interest of the participating students of the Civil Engineering Department made the session very lively and fruitful.

Guest Lecture by Er. Madan Singh, Structural Consultant at Padma D'Cassa, Lucknow

A guest lecture on "Reinforced Concrete Structures" was held on 20th March 2021 in the Department of Civil Engineering, Integral University, Lucknow. The guest speaker on occasion was Er. Madan Singh, Structural Consultant at Padma D'Cassa, a Consulting Civil and Structural Designing firm based in Lucknow. The program was hosted by Mr. Iqbal Ahmad, a final year student who gave a brief introduction of the guest speaker. Dr. Sabih Ahmad, Associate Professor, welcomed the guest on behalf of the Department of Civil Engineering. Senior faculty members and students attended the very interactive and motivating lecture. Er. Madan Singh explained as how Reinforced Concrete Structures are designed using various designing software with live examples and also stressed the students to learn manual design procedures so that they can develop a better understanding of the subject. He advised the students to read thoroughly the Indian Standard Code used for the design of Reinforced Concrete Structures such as IS456, IS1893, IS13920, IS875, SP34, etc.

He also discussed the importance of drafting software Auto CADD & Tecla and stressed that a Civil Engineer should know all about these Softwares. Also, he answered the questions raised by the students. The program came to an end with the vote of thanks proposed by Mr. Shumank Deep, Associate Professor, Department of Civil Engineering, Integral University, Lucknow.

Awareness Program and Water Quality Assessment Camp at Dasauli Village, Lucknow

An awareness program at the Dasauli Village was organized by the Department of Civil Engineering, on 23rd March 2021. The faculty coordinators for the program were Dr. Sabih Ahmad and Mr. Nusrat Ali. The students of B. Tech Civil Engineering actively participated in the event.

A camp was arranged at Saraswati Mandir, the central place of the village Dasauli. Free water quality check was carried out at the camp by Mr. Mehtab Ahmad, Senior Lab Instructor, Department of Civil Engineering. The tests performed on potable water, brought by villagers, were Total Dissolved Solids (TDS), pH value and Turbidity. The average values are TDS: 160mg/l, pH: 6.8, Turbidity: 0 NTU, which were satisfactory and within the permissible limits set by the Bureau of Indian Standard (BIS). The villagers are using underground water for all household purposes. The students also visited various houses in the village to create awareness about the importance and conservation of water.

World Water Day

Dr. M.Q. Ansari, Former Additional Director, Central Pollution Control Board

In compliance with the University activity calendar directives, the Department of civil engineering organized "World Water Day 2021" on 22 March 2021. The theme of World Water Day 2021 was VALUING WATER. World water day is an annual observance day that highlights the importance of water resources and to advocate 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".

On the occasion of World Water Day Online Quiz, Poster Presentation, and Slogan Writing Competitions were organized. They were based on the theme "What does water mean to you?" The judges for these events were Dr. Monowar Alam Khalid Dean, Students' Welfare, Dr. Indrani Chakraborty, Professor and Dean Faculty of Architecture and Planning, Ar. Zeba Nisar, Head, Department of Architecture.

Dr. Syed Aqeel Ahmad, Head, Department of Civil Engineering, Integral University and Patron of World Water Day 2021, in his welcome address, accentuated that the value of water is much more than its price; water has enormous and complex value for our households, food, culture, health, education, economics and the integrity of our natural environment. He further stated that without an inclusive understanding of water's true, multidimensional value, we would not be able to safeguard this critical resource for the benefit of everyone.

An expert lecture by the guest of honor, Dr. M. Q. Ansari, former Additional Director, Central Pollution Control Board, was delivered in the Central Auditorium. Presently, he is working with NABL Accreditation Committee for Testing as a Technical Expert. He has audited approximately 200 Govt./Private testing laboratories for their technical competence in compliance with the International Standard ISO/IEC 17025 in the country and abroad in the Microbiological discipline. In addition, he represented the country in Germany, the USA, Japan, Thailand, Taiwan, Bangladesh and Srilanka.

During his interactive session, he emphasized that the approaching summer season and the Corona-Virus pandemic have given a silent warning to the world on how critical the availability of clean water is. He also shared his 35 years of experience in research on bacterial pathogenicity, antibiotic resistance, and laboratory quality management system. He was associated with the National Accreditation Board for Testing and Calibration Laboratories (NABL) as a Technical Assessor and Lead Assessor since 1998.

Webinar on "Smart and Digital Infrastructure: Recent Developments in Civil Engineering"

The Department of Civil Engineering, Integral University, Lucknow, organized a One Day Webinar on "Smart and Digital Infrastructure: Recent Developments in Civil Engineering" held on 10th February 2021, in association with the IDP Education India. Pvt. Ltd.

The welcome address was delivered by Dr. Syed Aqeel Ahmad, Professor and Head, Department of Civil Engineering, Integral University. He emphasized that technology is influencing the construction Industry in the postmodern era with modern technologies. The invited keynote speaker was Dr. Benny Suryanto, Associate Professor in the Institute for Infrastructure and Environment at Heriot-Watt University, Edinburgh, UK. He discussed the structural behavior of concrete, 3-D printing, eco-bricks, automated damage assessment by image processing, development of ductile concrete, advanced structural assessment, digital mapping and 3D reconstruction using unmanned aerial vehicles (UAV).

A "National Level Yoga Quiz Competition"

On the occasion of the 7th International YOGA DAY, the Department of Civil Engineering, Integral University, Lucknow, organized a National Level Online Quiz on the topic "Yoga for all Well Being" on 21st June 2021 . Total participation in the Quiz was 1932 from 16 states of India and a few International participants also witnessed (from Nigeria and the United Arab Emirates) the programme. Students from many renowned institutions like SGPGI Lucknow, KGMU Lucknow, IIT Bombay, Aligarh Muslim University, Jamia Millia Islamia University, SPA Delhi, TERI School of Advanced Studies, Amity University Noida, Chandigarh University, University of Petroleum and Energy, Delhi University, CSIR-HBT, BIT Sindra, Dhanabad, Allahabad University and many more in the row joined the Yoga quiz.

A National Level Online Essay Writing Competition

The Department of Civil Engineering, Integral University, Lucknow, organized an Online Essay Writing Competition on 30th June 2021, on **"NEW INDIA: VOCAL FOR LOCAL".** Total Participants were 663 from 7 states and from 17 different schools of India. The event was managed by Mr. Anwar Ahmad Associate professor, Department of Civil Engineering, Integral University. Students Coordinators were Iqbal Ahmad and Almas Ahmad and students of Technical Society of Civil Engineering under the guidance of Dr. Syed Aqeel Ahmad, Prof. & Head, Department of Civil Engineering.

An Alumni Interaction

An Alumni interaction was organized by the Department of Civil Engineering, Integral University, Lucknow, on 17th July 2021 for the students of B. Tech and M.Tech. The guest speaker on this occasion was Er. Shivsagar Verma, B. Tech from Integral University 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 of Civil Engineering, Integral University Lucknow, who gave a brief introduction of the guest speaker and gave a warm welcome to the guest on behalf of Dr. Syed Aqeel Ahmad, Head of the Department. Senior Faculty members and students attended the very interactive, informative and motivating lecture. The Programme ended with the vote of thanks proposed by Mr. Rajiv Banerjee, Associate Prof. Dept. of Civil Engineering, Integral University, Lucknow.

Empanelment of the Department of Civil Engineering in UPMRC for Testing & Construction Consultancy Work

It is a proud moment for all of us that Uttar Pradesh Metro Rail Corporation (UPMRC) empaneled the Department of Civil Engineering, Integral University Lucknow, for Testing & Construction Consultancy Work for Kanpur and Agra Project in December 2020. This will boost the consultancy extension and will enhance the efficacy of the Department.

Congratulations

Selection For Masters Programme in India's Premier Higher Education Institute

Mohammad Bilal

The meritorious students of the Department Mr. Syed Mohd Faraz and Mr. Mohammad Bilal, B. Tech. Civil Engineering, have been selected for Masters Programme in India's premier higher education institute i.e. the School of Planning and Architecture (SPA), New Delhi, which is specializing in education and research in the field of Planning and Architecture. The University wishes Mr. Syed Mohd Faraz and Mr. Mohammad Bilal, all the best for their future.

Syed Mohd. Faraz

Placement of Six students in the M/s IKK Group in the Kingdom of Saudi Arabia

Imparting skill, knowledge, education and training are among the basic 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. As a result, this year, six students, namely Mohammad Noman, Osama Jamal Saeed, Md Suhel Ansari, Shadab Ansari, Arqam Ansari and Md. Anas Umar, have been selected by M/s IKK Group in the Kingdom of Saudi Arabia, in which the Department of Civil Engineering played a key role to make them successful in the interview. The Department has provided all cooperation to prepare them for interview. Four faculty members were continuously involved in preparing the students in different specified fields of Civil Engineering with complete dedication and sincerity. The CCG&D team coordinated very well with the M/s IKK Group in the Kingdom of Saudi Arabia in organising the interview.

Mohammad Noman

Osama Jamal Saeed

Md Suhel Ansari

Shadab Ansari

Arqam Ansari

Md Anas Umar

MOU signed between Vietnam and Integral University

An MOU was signed between the Embassy of Socialist Republic of Vietnam, New Delhi, India, and Integral University, Lucknow, India, on 17th March 2021 at Vietnam Embassy, New Delhi.

The signing of this MOU definitely will open new doors of possibilities for the students of Vietnam. The purpose of this MOU is to provide affordable and quality higher education opportunities for Vietnamese students to study in India at Integral University campus and further enhance cultural interaction between Vietnam and Lucknow region. Vietnam and Integral University will ensure that more students travel to India to pursue studies under the 'Ambassador's Scholarship Programme' for students of Vietnam to study Undergraduate and Postgraduate courses and deepen ties between India and Vietnam.

The MOU was signed in the auspicious presence of H. E. Mr. Pham Sanh Chau, Ambassador, Socialist the Republic of Vietnam to India, and Dr. Syed Nadeem Akhtar, Pro-Chancellor, Integral University, Lucknow.

While signing the Mou, H. E. Mr. Pham Sanh Chau, Ambassador, Socialist the Republic of Vietnam to India, said that "Our objective is to stimulate and facilitate the development of collaborative and mutually beneficial programs which serve to enhance the intellectual life and cultural development of both countries, and to contribute to increased international cooperation between India and Vietnam."

Dr. Syed Nadeem Akhtar, Pro-Chancellor, Integral University, also expressed his gratitude and said, "We feel privileged to offer merit scholarships to Vietnamese students, who have a distinct reputation for being laborious, hardworking and disciplined and look forward to further promoting Indo-Vietnamese relations and making them stronger through education."

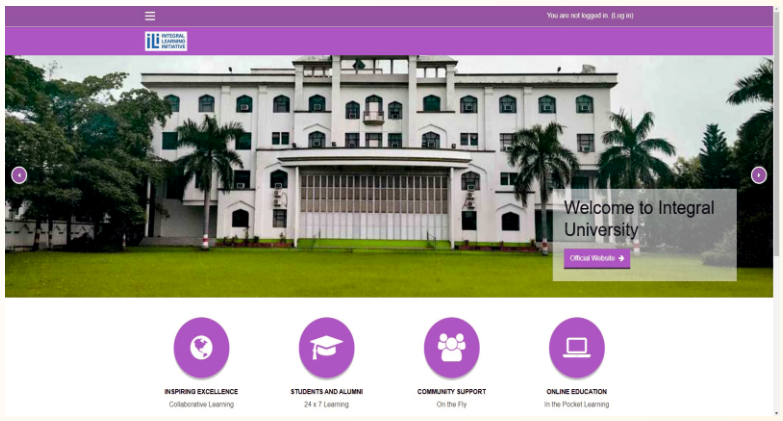
The signing of the MOU in these tough times of the Corona Virus Pandemic gives the message that no matter what happens, knowledge and education should remain unaffected and continue progressing for the betterment of mankind. According to the MOUs, Vietnam nationals can apply for 2021 Ambassador's Undergraduate, Masters and Ph.D. Scholarship tenable in India for four courses starting from September / October 2021.

Two Day International Conference

TASHKENT CHEMICAL TECHNOLOGICAL INSTITUTE (TCTI), Tashkent, Uzbekistan, organized a Two Day International Conference on 25th & 26th May 2021, on the occasion of their 30th anniversary. The theme of the International Conference was "Actual problems of innovative technologies in the development of the chemical, oil, gas and food industries". Integral University, India, was a special invitee to the conference. On behalf of Integral University, the Honorable Pro-Chancellor, Dr. Syed Nadeem Akhtar, addressed the gathering in their inaugural & plenary section. He praised the excellent work done by TCTI, especially in the fields of Chemical Technology.

He added that he firmly believed that the development of innovative technologies in chemical, oil, gas and food industries should create a pathway for implementation of scientific and technological achievements in production, strengthening the links between scientists and industrialists and raising the level of scientific staff in practice. It will ultimately result in the development of the economy through the transfer of technologies, commercialization of scientific solutions and finally create new jobs in the industries. The Pro-Chancellor extended his sincere wishes to the Honorable Rector of TCTI, Prof. Botir Usmanov and thanked him for making Integral University, a part of this prestigious program. He further emphasized that TCTI and Integral University shall work hand in hand in the future as well, towards overall academic growth of the students of both Uzbekistan and India.

Integral University Learning Management System



Blended and online education is an emerging new trend of education. Integral University has taken the initiative in developing and launching cloud-based LMS named as Integral learning Initiative (ILI) for blended and online learning. Features of ILI are :

- anywhere any time (24 x 7) learning
- In-the-pocket learning (Smartphone)
- Collaborative learning
- Synchronous and asynchronous learning
- Blended and Online learning
- Directed learning through activity completion and Restricted Access
- Assessment tools
- Feedback and Reports
- Observer role for academic administrators (VC/PVC/COE/Dean/HoD)

FACULTY OF ARCHITECTURE, PLANNING AND DESIGN
INTEGRAL UNIVERSITY, LUCKNOW

Hon'ble Chancellor, Prof. Syed Waseem Akhtar

The Faculty of Architecture and Planning under the aegis of Women Grievance Cell and Women Study Centre organized, an Architectural Exhibition on 6th March 2021. The theme of the event was "Idea of Future" highlighting the r ole of Women in Architecture. The exhibition included displaying of the students' work done in the workshop organized by the Department from 3rd March to 6th March 2021. Students of the Architecture Department participated in different Events Like – Sheet Composition, Model Workshop, Painting Workshop, POP Tile design Workshop & 3D Installation. Programme started with the opening speech delivered by the students , followed by the felicitation of distinguished guests through Mementos and Planters. Hon'ble Chancellor, Prof. Syed Waseem Akhtar, who was the Chief Patron of the function, shared his valuable experience and words of wisdom which were the great source of inspiration for all. Hon'ble Vice-Chancellor, Prof. Javed Musarrat was the Guest of Honor of the function. He motivated all the students and staff members with his kind words and intellectual ideas. He had also emphasized the importance of research and publications in academics. Hon'ble Pro Vice-Chancellor, Prof. Aqil Ahmad was the Special Guest of the function, who , in his address , focussed on the need to establish the society having an equal opportunity for all.

After the inspirational words from the esteemed guests, Hon'ble Chancellor and Hon'ble Vice-Chancellor and Dean, Faculty of Architecture and Planning, Dr. Indrani Chakraborty inaugurated the Architectural Exhibition through Ribbon cutting which marked the Exhibition open for all. The Guests went through the whole Exhibition and appreciated the students' work. They enquired the students about the displayed work. They were extremely delighted to see Models, POP Work and 3D Installations showcased by the students. The event was highly liked by all, which was accomplished by the efforts of students and the guidance of Faculty members, namely Ar. Farhat Zia, Ar. Somi Sareen, Ar. SafaSeraj, Ar. Anas Jameel, Ar. Zulnoorain Khairoowala, Ar. Abu Saleh and Er. Abu Zaid.

Hon'ble Founder and Chancellor, Prof. Syed Waseem Akhtar along with Hon'ble Vice-Chancellor, Prof. Javed Musarrat

Expert Talk on :
Career Perspective in Product & Interior Design

The Department of Design, Faculty of Architecture, Planning and Design, organized an Expert Talk: Career Perspective in Design on 22nd May, 2021 (Online). The courses coordinator Ar. Zulnoorain Khairoowala, highlighted the need & importance of Design course in the Department in his introductory talk.

GEOGRAPHIC INFORMATION SYSTEM

The Department organized the SHORT TERM TRAINING PROGRAM ON "GEOGRAPHIC INFORMATION SYSTEM: QGIS" from July 16 to 18, 2021. The QGIS is a user-friendly Open Source Geographic Information System (GIS) licensed under the GNU General Public License.

Department of Chemistry

Introduction to Value Added Courses

The Department of Chemistry offers Two Value-Added Courses in this academic year which would be conducted after class hours/ weekends.

1. **Food Analysis (CHV01):** The course focuses on providing knowledge of food constituents, food additives, food adulteration and analysis of food.
2. **Awareness on Plastic Waste Management (CHV02):** The objective of this course is to develop awareness to: Eliminate/reduce unnecessary use of plastic. Reuse and circulate plastics through the circular economy. Replace the plastic with a sustainable alternative or recycled plastics.
3. **Plantation Drive:** A Tree Plantation Drive was conducted in the Department of Chemistry under the guidance of Dr. Naseem Ahmad, Assistant Professor, Department of Chemistry. The event was followed by a small presentation of each group in which they valued their respective plants.

NATIONAL SCIENCE DAY - 2021

The Faculty of Science, Integral University organized a Webinar on National Science Day, 2021 on the theme: - "Future of STI: Impacts on Education, Skills and Work" on occasion of the Centenary Celebration of Srinivasa Ramanujan (A Mathematical Genius) on 12th March, 2021 . The webinar highlighted the impact of Science, Technology and Innovation (STI) which are the main driving forces behind human development and economic growth of the Nation.

Department of Mathematics & Statistics

The DQAC of the Department of Mathematics and Statistics organized an online guest lecture on " Basic Tools of Mathematical Analysis" by Professor Vishnu Narayan Mishra , Head, Department of Mathematics, Indira Gandhi National Tribal University, Lalpur, Amarkantak, Anuppur, Madhya Pradesh.

THE CENTRAL LIBRARY

The Central Library is the most imposing edifice on the campus and is located in the heart of the university campus. The Integral University Library System houses a rich collection of over 135 thousand documents consisting of textbooks, reference books, print journals, Ph.D. theses, Masters Dissertations and CDs/DVDs. The Library System has been growing steadily in terms of ICT-based facilities, physical facilities, excellent collection of documents, the proper number of Library Professionals and remarkable user service records. The Central Library has a seating capacity of about 800 readers. The Library offers to its users an exclusive library portal, 24X7 Ask-A-Librarian service, Current Content Service, New Arrivals Service, News Alert Service, User Orientation/Information Literacy program, Suggest a Book Service, separate reading room for faculty and researchers, Digital Resource Centre for accessing e-resources, CCTV surveillance, campus-wide access to e-journals, e-books and other e-resources, 13 hours of automated issue & return facility for library members and access to previous years' question papers through its exclusive library portal.

The library system of the Integral University has branch libraries that house specialized collections in Medical Science, Pharmacy, Nursing, Physiotherapy, Engineering, Social Sciences, Business Management, Commerce and Education, etc. Recently, the Central Library took a pioneering initiative and developed Lecture Capturing System (LCS). The LCS is useful to record video lectures, make audio-visual presentations, PPT presentations along with writing by using the stylus on running PPT or on a virtual whiteboard or a browser, etc. Through this facility, one can generate and disseminate the recorded video or document through various madia of their choice besides live lectures on multiple Platforms.

Alumni Interaction

Alumni Interaction Program by Alumnus Er. Salman Khan

The Integral University Alumni Association (IUAA), in coordination with The Department of Civil Engineering, Integral University, Lucknow, conducted an Online Alumni Interaction program for students on 13th February 2021, on Google Meet, which had the participation of 61 students. The guest speaker of this program was Alumnus Er. Salman Khan, Assistant Planning Manager at Paradigm Realty Group, Mumbai (India). The Programme, started with a welcome address delivered by Dr. Sabih Ahmad, Associate Professor, Department of Civil Engineering, was followed by an Informative and Motivating lecture given by the Guest Speaker.

The speaker discussed the importance of Microsoft Projects Software in planning and implementing of any Civil Engineering Projects with emphasis on Building Projects. He shared factual information with students and explained that various tasks such as developing a schedule, assigning resources, tracking progress and analyzing workloads could be easily done by using Microsoft Projects. He also briefly explained about another software Primavera used by Planning Engineers of Construction Industry. Also, he advised the students to study the IS codes as all construction works are performed as per Indian Standard Codes. The various doubts in the minds of students related to jobs opportunities and challenges at the construction site were cleared by the speaker while answering the questions raised by students.

After the program, Certificate of Appreciation was given to Er. Salman Khan by Integral University Alumni Association (IUAA).

Alumni Interaction Program by Alumnus Er. Arshil Jah

An Alumni interaction with the Pre-final and the final year students was held on 26th April (online mode). It was organized by the Department of Civil Engineering, Integral University, Lucknow. The guest speaker on this occasion was Er. Arshil Jah, B.Tech from Integral University, 2014 and Master Degree holder from Edith Cowan University, Western Australia 2020. He is presently working as Graduate Civil Engineer at Catalpa Group Perth Western Australia and with around five years of experience in Infrastructure Projects.

The Programme was hosted by Mr. Iqbal Ahmad, Final year student who gave a brief introduction of the guest speaker. Anwar Ahmad, Associate Prof. welcomed the guest on behalf of Dr. Syed Aqeel Ahmad, HoD, Department of Civil Engineering. Senior Faculty members and students attended the very interactive and informative motivating lecture.

He addressed the gathering with great enthusiasm and zeal. He shared his experience of the time when he was a student at Integral University and threw light on the promising opportunities for civil engineers and answered the questions put up by the eager and fascinated students. Mr. Arshil shared vital information about various educational consultants that may help the students to go abroad for higher studies and jobs. He also explained the importance of Certificate Courses on Environment, Health and Safety that are required in the Construction Industry.

It was an event at which the current batch of students benefitted from the experience of an alumnus who has his mark in the different Profession Sectors across the Globe.

Alumni Interaction Program by Alumnus Er. R C Yadav

An Alumni interaction with the Pre-final and the final year students was held on 11th May 2021, (online mode). organized by the Department of Civil Engineering Integral University, Lucknow. The guest speaker on this occasion was Er. R.C. Yadav, M.Tech from Integral University 2016 and presently posted as an Executive Engineer in UPSCIDCO, Prayagraj, Uttar Pradesh. Mr. Iqbal Ahmad hosted the programme and introduced the guest speaker briefly. Anwar Ahmad, Associate Prof. welcomed the guest. On this occasion, Senior Faculty members and students attended the very interactive and informative motivational lecture.

Er. R.C. Yadav informed the students about his organization and how the civil works are carried out at the site. He addressed the Meet with great enthusiasm and zeal. He shared his experience of the time when he was a student in Integral University, and threw light on the promising opportunities for the civil engineers in State Govt. Organizations.

Er. R.C. Yadav shared vital information about contracts, the tender process and the procedure of opening tenders. It was an event in which the current batch students benefitted from the experience and the guidance on how to prepare themselves for State Govt. Jobs in various State Government organizations like PWD, Irrigation Department, etc. At the end, he answered the questions put up by the excited and fascinated students. An engaging interaction of the present students and alumni witnessed the exchange of ideas and the prospects meant for students of the Department.

Department of Commerce & Business Management
Integral University

Hon'ble Vice-Chancellor, Prof. Javed Musarrat in the Inaugural Session

One Week National Faculty Development Programme On Advance Excel with Data Visualization

One week Faculty Development Programme (FDP) was organized by the Department of Commerce and Business Management (DCBM), Integral University, Lucknow, in association with Electronics and ICT Academy, Indian Institute of Technology, Kanpur (An initiative of Ministry of Electronics and Information Technology (MeitY), Ministry of Communications and IT, Govt. of India on Module: "Advance Excel with Data Visualization". The FDP was organized under the guidance of Prof. A.K Saxena, Dean, Faculty of Commerce and Management and Dr. Syed Shahid Mazhar, Head, Department of Commerce and Business Management. The FDP was conducted by Mr. Rahul Gupta of IIT Kanpur and successfully coordinated by Dr. Noor Alam Khan, Mr. Shahab Ud Din, Dr. Mohd. Shuaib Siddiqui and Dr. Ahmad Faiz Minai. The following topics were covered in one week faculty development programme :

- More Functions and Formulas
- Working with Data Range
- Working with Live Data
- Working with Dashboards
- Working with Tableau

NATIONAL YOUTH DAY

An Online Essay and Poster Making Competition was organized by the Department of Commerce and Business Management on 12th of January under the Guidance and Support of Prof A.K Saxena, Dean FCM, and Prof. Monowar Alam Khalid, Dean, Students Welfare and Dr. Syed Shahid Mazhar, Head, DCBM for all the students on the theme "National Youth Day" to promote youth power in the field of education, art, culture and to generate moral values with the enlightenment of the inner soul. The participants were awarded by E-certificate of Appreciation. The competition got an overwhelming response from students. The entire Programme was coordinated by Dr. Rizwana Atiq, Dr. Shujauddin Khan, Dr. Sabahat Fatima, Dr. Aisha Badruddin and Ms. Nazia Akhlaq. The event received 98 entries in both the competitions.

NATIONAL GIRL CHILD DAY

The Department organized an online webinar on 24th of January to celebrate "National Girl Child Day" under the Guidance and Encouragement of Prof. A.K Saxena, Dean FCM, Dr. Syed Shahid Mazhar, Head, DCBM, to create awareness and address the issues related to the girl child in a society. The students gave an overwhelming response to the program. More than 76 participants both Teaching Faculty Members and Students participated.

The webinar started with an introductory remark by Dr. Rizwana Atiq, followed by an interactive and informative session on Girl's Nutrition, Child Marriage, and legal rights of girls by Dr. Mita Mehta, Associate Professor, Symbiosis Institute of Management Studies, Pune, India. The session was also addressed by Mrs. Bhavana Chaturvedi, a social activist and former Guest Anchor and Announcer in All India Radio, Agra. Questions from girl students were answered by our speakers.

Slogan Writing Competition to observe National Road Safety Month

The Department organized a "Slogan Writing Competition" to observe "National Road Safety Month" with great zeal and devotion under the guidance of Prof. A.K. Saxena, Dean, FCM, Prof. Monowar Alam Khalid, Dean, student welfare, and Dr. Syed Shahid Mazhar, Head, DCBM, to create awareness among the young generation about road safety to save their lives by minimizing road accidents.

International Women's Day

The Department International Celebrated Women's Day on 8 March 2021 under the Guidance and Encouragement of Prof. A.K. Saxena, Dean FCM and Dr. Syed Shahid Mazhar, Head, DCBM. The purpose of celebrating Women's Day was to raise awareness about the status and dignity of women among the students. A Guest Lecture on the theme "Inspiring Women for Excellence" was organized.

Ms. Zainab Rajput, an Education Activist from the village of Chandora in Meerut, was invited to speak and inspire the audience. She has received awards from several dignitaries for her efforts for education, water, and cleanliness campaigns. The second session was taken by Ms. Aakanksha Srivastava, who is the Founder of "She in Business" and Co-Founder and COO of "The Aspiring CEO" in Lucknow, the active platforms to reform digitally. Her entrepreneurial ideas and enthusiasm helped to boost the morale of students. The entire Programme was coordinated by Dr. Rizwana Atiq and Ms. Nazia Akhlaq.

India's Budget 2021: Economy vs Finance in Global Pandemic

The Department organized a webinar on 6 February on "India's Budget 2021-2022: Economy vs Finance in Global Pandemic" under the guidance of Prof A.K. Saxena, Dean, FCM, and Dr. Syed Shahid Mazhar, Head, DCBM. The webinar was on highlights of Budget 2021, which was recently passed by the Government of India, and its impact on the Indian Economy and masses. The program received an overwhelming response from both faculty members and students. The webinar proved to be very helpful for students to understand the pros and cons of India's Union Budget 2021.

The webinar began with a welcome note by Dr. Moiz Akhtar, followed by an introductory remark by the Dean of Faculty, Prof A.K. Saxena, who introduced the guest speaker, Prof. Naseer Ahmad khan, Professor, School of Commerce, Central University of Hyderabad, India.

Prof. Khan discussed the highlights of the Budget-2021 of the Government of India and the effects on common people. He also discussed the support it will create to bring India farward on a recovery path after a deep recession caused by Covid-19 and consequent lockdowns. The curious students raised quite a good number of questions in the Q&A Session and the Faculty equally raised their concerns, to which Prof. Naseer responded in detail. The session was summed up by the Dean, Prof. A.K. Saxena with a brief note on a Budget 2021 scenario of the household in Indian society. Head of the Department, Dr. Syed Shahid Mazhar, who expressed gratitude to Prof. Naseer for his time and wisdom in the session, proposed the vote of thanks.

Intellectual Property Rights

The Department conducted a Two-Day online workshop on "Intellectual Property Rights". The programme included talks on the value of Intellectual Property Rights and how to defend them, patenting procedures and patent information, patent searches, the role of innovation and invention in academia-industry partnerships, trademark and copyright protection and guidlines for researchers in the way of publishing and patenting. The workshops intended to cover various aspects of IPR like Patents, Copyrights, and Trademark, etc. Mr. Balram Singh, Certified Patent Agent, Partner at Patent Minder, Ex- Scientist, UPCST, Lucknow and Prof. Tarun Arora, Dean, School of Legal Studies Central University of Punjab, Bhatinda were the expert speakers of the workshop, who enlightened the audience with their wisdom and expertise.

Prof. A.K. Saxena, Dean, FCM, delivered the Opening remark on day one, he shared his valuable insights on the topic and motivated the audience for their active participation. Dr. Syed Shahid Mazhar, Head, DCBM, delivered a closing Remark; he highlighted the importance and relevance of the topic in the current scenario. Moderators of the sessions were Dr. Syed Afzal Ahmad and Dr. Kainat Akhtar Usmani. The workshop received a lot of positive feedback from both students and faculty members. An Assessment activity and Essay competition were also conducted on both days of IPR. Dr. Farhina Sardar Khan, Mr. Shahabuddin and Mr. Ehsanul Haque coordinated the program very well.

Eight-Day Online Faculty Development Programme On

"RECENT PEDAGOGY IN TEACHING AND RESEARCH"

The Faculty of Commerce and Management conducted an Eight Day (Online) Faculty Development Program on "Recent Pedagogy in Teaching and Research". Eight eminent experts from various parts of India were invited to share their wisdom and vast experience on the following topics:

1. Higher Education and the Digital Future: Inventing Pedagogical Practices.
2. Teaching through Cases: A participant centric approach.
3. Improvising teaching-learning using Bloom's Taxonomy.
3. Mentoring, Supporting, and Enhancing Student's Online Learning Experience.
4. Outcome-based Education & Accreditation.
5. Priming Effects of Widespread Reading on B-School Mentors.
6. Digital Pedagogy: Incorporating ICT with Teaching.
7. Guiding the students to be Future Ready.

The key speaker of the opening day session was Prof. Anitha Kurup, Chair and Academic Head (Ph.D. Program) of the National Institute of Advanced Studies of Bengaluru, followed by Dr. Anuja Pandey, Head of AIMA- ICRC of New Delhi. The speakers were: Dr. Ramgopal V.S. Uppaluri of the Department of Chemical Engineering of IIT Guwahati, Prof. Rajeev Gowda, Ex-Member of Parliament (Rajya Sabha) and Ex-Professor of IIM Bengaluru, Prof. N.J. Rao, the Consultant from IISc, Bengaluru. Dr. Chidambaram Babu, Director, DSIMS, Mumbai, Dr. Ela Goyal, Founder, MEETCS, Mumbai, and Dr. Amrita Dass, Founder, Institute of Career Studies, Lucknow.

These sessions covered varied topics in the domain of teaching and research pedagogy, where the usage of technology during pandemic duration was the topic of discussion, which gave the insight to participants of various methodologies used and evolved in special circumstances and the changes required to impart the best education while keeping quantity and quality at best.

Integral University's initiative, ILI, was discussed and highly appreciated. National Education Policy was well taken up and discussed to carve the innovative methods and practices to enable positive results for the future generation. Mentoring, outcome-based education, career planning, and creative out-of-the-box initiatives were discussed by the speakers. Prof. A.K. Saxena, Dean, FCM, delivered the opening remarks; he shared his valuable insights on the topic and motivated the audience for their active participation.

Dr. Syed Shahid Mazhar, Head, DCBM, delivered a closing remark. He highlighted the importance and relevance of the topic in the current scenario. Dr. Gaurav Bisaria, Mr. Shahabuddin and Ms. Nazia Akhlaq were the coordinators of the FDP. The moderators were Dr. Asma Farooque, Dr. Abdul Tayyab Khan, Dr. Moiz Akhtar and Dr. Uzmi Anjum, who engaged the audience and the key speakers in 8 sessions through 8 Days of the online FDP. Mr. Ariz took care of the registration verifications.

Department of Biosciences

Workshop on "Nano & Micro Formulations as Drug Delivery System" Sponsored by the Department of Science and Technology (DST-SERB) under the SERB Scientific Social Responsibility (SSR) Policy

A DST-SERB sponsored Two-Day Workshop was organized by the Department of Biosciences on "Nano- and Micro- Formulations as Drug Delivery Systems" from 9th March to 10th March 2021, under the SERB Scientific Social Responsibility (SSR) policy. The primary purpose of the workshop was to update scientific skills and foster research culture in the faculty of nearby colleges and Universities. The workshop aimed to provide core nanoscale concepts, hands-on training on nano and micro formulations, as well as the applications of nanoparticles in Targeted Drug Delivery for Cancer and infectious diseases. The workshop brought together educational researchers,science educators and nano-scientists to discuss and better understand the impact of nano and micro formulations as drug delivery systems and to plan for the integration of concepts of the nanoscale respective to research areas. The inaugural program began with the welcome address and brief presentation of the workshop by Dr. Rolee Sharma, Organizing Secretary of the workshop. Prof. Javed Musarrat, Hon'ble Vice-Chancellor, Integral University was the Chief Guest of the workshop.

This was followed by a keynote address by Prof. (Dr.) Absar Ahmad, Director, Interdisciplinary Nanotechnology Center, Aligarh Muslim University, and the Guest of Honor of the Workshop. During the workshop , he enlightened the participants with key point applications of nanoformulations in research and medical fields, followed by anticancer drug extraction from endophytic fungi, and their immobilization on nanosystems for drug delivery applications that are expected to have a significant impact on the emerging field of nanomedicine. He also highlighted various applications of nanoparticles in cancer, infectious diseases and Medical Image Analysis.

Department of Environmental Science

World Wildlife Day 2021

The Department observed World Wildlife Day on 3rd March, 2021. The Chief Guest and Key Note Speaker of the function was Dr. Rupak De, IFS, Former PCCF and Head–UP Task Force, UP. Forest Department. The Program was attended by Prof. Syed Aqeel Ahmad, Head, Civil Engineering Department & Director, HRDC, Integral University, Prof. Monowar Alam Khalid, Dean, Students' Welfare & Head, Department of Environmental Science along with the faculty members and more than 60 students from the University.

The theme of this year's World Wildlife Day, as given by the United Nations, was "Forests and Livelihoods: Sustaining People and Planet". The programme aimed to shed light on the links between the state of our planet's forests and woodlands and the preservation of the millions of livelihoods that depend directly on them, with particular attention to the traditional knowledge of the communities who have managed forest ecosystems and their wildlife for centuries. Covering nearly a third of the planet's land surface, forests and woodlands are vital pillars of human livelihoods and their well-being.

The program, anchored by Dr. Syed Saema, started with the welcome address and a brief introduction of Chief Guest Dr. Rupak De by Prof. M. A. Khalid. It was followed by an extremely informative lecture delivered by Prof. M. A. Khalid on the theme topic "Forests and Livelihoods: Sustaining People and Planet- Few Case Studies", in which he gave interesting facts about forests and shared his experiences of working with forest villagers in various National Parks and Sanctuaries in West Bengal, Assam, Nepal, etc. At the end of the program, a documentary on "Reptiles of Lucknow Zoo", was prepared by Mr. Devrat Singh (B.Sc Final Year Student) of the Department , which was highly appreciated. The Program ended with the Vote of Thanks proposed by Dr. Amina Jafri.

World Environment Day 5th June 2021

The Department celebrated World Environment Day online on 5th June 2021, which was enthusiastically registered by 534 students. World Environment Day is celebrated globally to remind us to show our commitment towards the conservation of the environment. The theme given by the United Nations for this year's World Environment Day was "Ecosystem and Restoration", a global mission to revive billions of hectares, from forests to farmlands, from the top of mountains to the depth of the sea. It has become much more relevant in view of the current pandemics faced by the world, origin of which is believed to be mishandling of our wild fauna, flora and its habitat. By decreasing the area of natural habitat for animals, we have generated an ideal environment for pathogens – including corona viruses – to spread.

The Department organized a webinar which was anchored by Dr. Rahila Rahman Khan, who gave the brief introduction about the program.

Prof. Monowar Alam Khalid, Head, Department of Environmental Science introduced the eminent speaker Dr. Indu K. Murthy, the Centre for Study of Science, Technology and Policy (CSTEP), Bengaluru. She delivered an interesting lecture on the theme topic "Ecological Restoration of Forest Ecosystems", sharing her experiences on climate change and its restoration along with the detailed presentation about the topic.

Human Resource Development Centre, Integral University

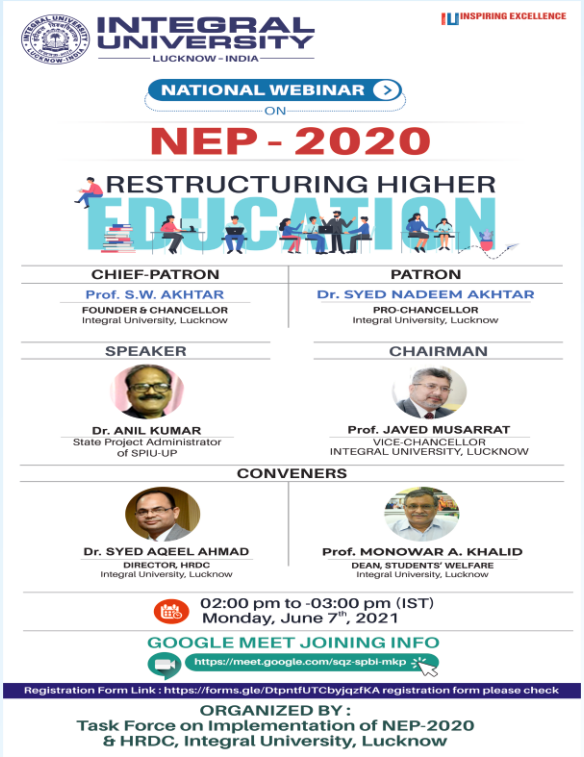
Felicitation of Dr. Anil Kumar, State Project Administrator, SPIU-UP/TEQIP-III MoE, GoI by Prof. Syed Aqeel Ahmad, Director HRDC and Prof. M. A. Khalid, DSW, Integral University, Lucknow

Seven Day Refresher Course on National Education Policy (NEP)-2020

A Seven Day Refresher Course on National Education Policy (NEP) – 2020 was organized by Human Resource Development Centre (HRDC), Integral University, Lucknow, from 24th February to 03rd March' 2021. The workshop was inaugurated by Prof. Aqil Ahmad, Hon'ble Pro Vice-Chancellor, Integral University as a chief guest and Prof. Syed Aqeel Ahmad, Director, HRDC, conducted the brief proceedings of the program. The Hon'ble Vice-Chancellor highlighted the importance of the National Education Policy-2020. Prof. A. K. Saxena, Dean, Faculty of Commerce & Management, Integral University, Lucknow, gave a detailed Power Point Presentation on NEP-2020 to the participants (Faculty Members) of the refresher course. Prof. A. K. Saxena, highlighted the detailed description (components) of NEP-2020 viz., major reforms in transformation in the Indian Educational System – from the school to college-level. The evolution had been discussed dated back to 1948-49 with the establishment of the University Education Commission to the newest 2020 – National Education Policy (NEP). The role of statutory/regulatory bodies' viz., UGC, AICTE, CoA, BCI, PCI, NCTE, MCI and other governing bodies were also highlighted.

During the week long refresher course, the participants were made aware of various features of NEP-2020, including 'PARAKH' National Assessment Centre for Under School Education, the constitution of National Curriculum Framework for Teacher Education (NCFTE) 2021. Dr. Anil Kumar, State Project Administrator, SPIU-UP/TEQIP-III MoE, GoI, spoke about the modalities of NEP-2020, under the aegis of MoE, GoI, in pursuance of the Education Policy of GOI. Dr. Anil Kumar enlightened the august gathering with various intricacies of NEP-2020 followed by a brainstorming session with the participants. On the final day of the refresher course, the discussion on the modalities of NEP-2020 was organized by Prof. A. K. Saxena, wherein many important recommendations were given by participants and officials of Integral University, Lucknow, to increase the effectiveness of the policy and to achieve holistic national development, which are listed below:

1. More focus on women's education by setting up a dedicated target to ensure inclusion and reduce drop-out.
2. Protection of education system from commercialization, ensuring access to quality education regardless to the economic state of the learner.
3. Special care to develop the best quality teachers, which is the base of any education system.
4. The Regulatory framework is needed for credit transfer with the special care on the functioning of foreign players and business houses to prevent 'intellectual undermining' of existing Indian Universities and Institutes of National Importance.



National Webinar on NEP-2020

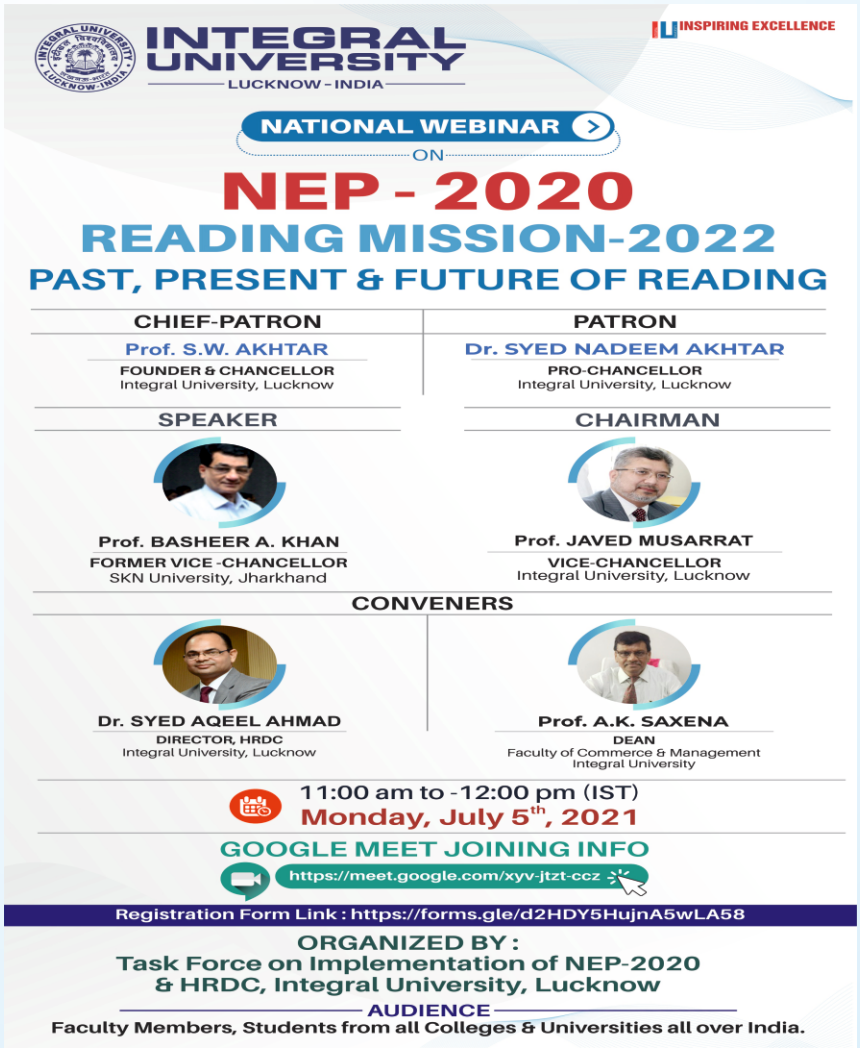
In accordance with the Government directives, Integral University, Lucknow task Force for Implementation of NEP-2020 & Human Resource Development Centre (HRDC), Integral University organized a National Webinar on "NEP-2020: Restructuring Higher Education" on 7th June 2021 wherein total of 240 participants from 21 Universities and Institutes participated.

The event started under the patronage of Prof. Syed Waseem Akhtar, Honorable Founder & Chancellor and Dr. Syed Nadeem Akhtar, Pro-Chancellor of Integral University, Lucknow. The event observed the gracious presence of Prof. Javed Musarrat, Vice-Chancellor, Integral University, Lucknow, as Chairman of the event with Dr. Anil Kumar, State Project Administrator, SPIU-UP, as the speaker. The webinar started with the welcome by Prof. Syed Aqeel Ahmad, Director HRDC, Integral University, Lucknow.

National Webinar on: The Reading Mission-2022

To realize the vision of developing the creative potential of each individual, New Education Policy NEP-2020 has been adopted by the Ministry of Human Resource Development; Govt. of India. P.N. Panicker Foundation is playing a key role in implementing NEP-2020 through the launch of Reading Mission 2022. Hon'ble Prime Minister of India also inaugurated the 22nd National level Reading Day and Reading Month celebrations at Kochi on 17th June 2017.

In this regard, A Task Force for Implementation of NEP-2020 was established in Integral University, Lucknow. The Task Force & Human Resource Development Centre (HRDC), Integral University, organised a National Level Webinar to realize the Reading Mission-2022 under NEP-2020 on the topic "Past, Present and Future of Reading" on 5th July 2021.



Department of Examinations
Integral University

Digitization of Examinations processes on E-portals
Developed In-house at University Software Development Cell (SDC)

Reforming examinations aims to ensure reliability, validity and transparency. In order to get the desired results , these reforms have been the top agenda of the Examination Section of the University. The University has an Examination Committee/Sub-committee on Examination Reforms, which meets periodically to review the examination system in its minute's details. The University follows semester system in the majority of its programs of study with Continuous and comprehensive Internal Assessment for the formative and summative evaluation and certification of student's performance. The University , as a policy matter, offers an access to Evaluated Answer - Sheets/Assignments and students have a right to contest their assessment with their respective teachers or compare their performance with others. All the stakeholders, therefore, are made aware of the evaluation processes, the Regulations/Study and Evaluation Schemes/Syllabi, including examination and evaluation details such as evaluation system, credits, calculation of Grade Points, letter grade and promotion rules are made available on the website of the University.
To improve the academic standards and keeping the over all development of the aspirants in mind, implementation of Bloom's Model is one of the initiatives taken by the Department.
Some key areas have been targeted to bring reforms by automating the Manual Work and developing Online Portals:

Four E-portals for various examination processes:

1. Learning Management System (LMS) under Integral Learning Initiative (ILI) Digital learning environment that provides online learning resources and activities with management information system capabilities as a compliment to face-to-face course offerings by the university.
2. Integral University Student Management System App (IUSMS App)
   a. For the issue of online notices
   b. Online filling of Examination forms
   c. Online Fee submission
3. Student Management Information System (SMIS) portal
   a. For Semester Registration
   b. Allotment of Roll number to students
   c. Students' Verification and Admit Card printing
   d. Uploading of Continuous Assessment and Semester-End Examination Marks
   e. Student Upgradation/ Promotion
4. Integral University Examination App (IU Exam App)
   a. Online Question Paper setting and Online scheduling of examinations
   b. For collation and compilation of examination data in the form of Tabulation Register
   c. Online designing of Marks-Sheets
   d. Online Portal for showing results
   e. Online application submission for Scrutiny
   f. Online examination/results related Grievance Redressal Portal
   g. Online document verification

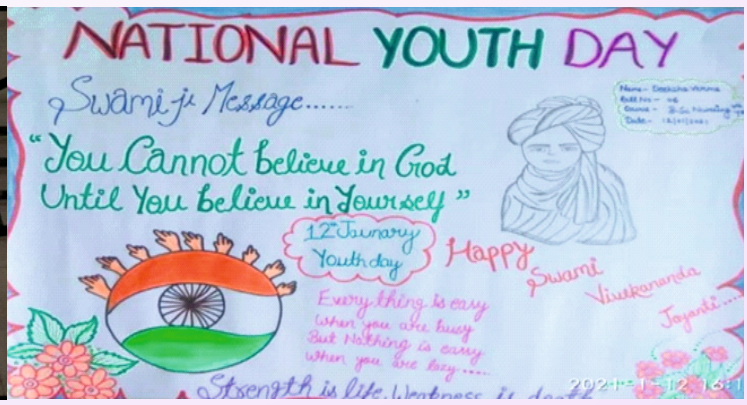
The examination and evaluation process of the university is designed within the framework of the guidelines stipulated by the respective apex bodies, after discussion in Examination/sub examination committees and Boards of Studies.

DEPARTMENT OF NURSING
Activities and Programmes

The Department successfully organized a Three Day Workshop on Covid-19. The Workshop meant for the newly admitted undergraduate and diploma (Basic B.Sc. Nursing and G.N.M.) students, was organized from 20th to 22nd February 2021. Also, the Department organized Poster Competitions on the theme: I am for Generation Equality: Realizing Women's Rights.

A welcome address was given by Mr. Farzand Ali, the Principal, Integral College of Nursing on occasion of International Women's Day, on 8 March 2021. Ms. Sony Verma, Vice Principal of Integral College of Nursing and Mrs. Pragya Awasthi, the class coordinator, also addressed the gathering by laying emphasis on the significance of the Women's Day. The programme was organized with the collaboration of the Pharmacy Department.

Poster Making and Essay Competitions were organized by the Department of Nursing on occasion of Youth Day. The welcome address was given by Dr. Ashfaq Khan, Head, Department of Physiotherapy. Mr. Farzand Ali, Principal of Integral College of Nursing and Mrs. Pragya Awasthi, the class coordinator, also addressed the gathering by laying emphasis on National Youth Day.



DEPARTMENT OF BIOENGINEERING

Achievements of the Faculty

PROF. IFFAT ZAREEN AHMAD (Research Publications)

1. Supriya Vaish, Neelima Garg, Iffat Zareen Ahmad, 2021. Bio-prospecting of microbial isolates from biodynamic preparations for PGPR and Bio control properties, 2021, Vol 42, Indian Journal of Environmental Biology, 42 (3), 644-651 (IF=0.781).
2. Asad Ahmad, Rabia Nabi, Anuradha Mishra, Iffat Zareen Ahmad, 2021. A Panoramic Review on Lepidium sativum L. Bioactives as Prospective Therapeutics, Drug Research, 71(05): 233-242.

Book Chapters

1. Haram Sarfraz and Iffat Zareen Ahmad, 2021. Algal metabolites in nutraceutical industries: current trends and future perspectives, In: Algal Genetic Resources: Cosmeceuticals, Nutraceuticals and Pharmaceuticals, (Eds. Devarajan Thangadurai), CRC Press, USA, Chapter 15.
2. Hena Tabassum and Iffat Zareen Ahmad, 2021. Nanoformulations loaded with microalgal bioactive compounds for disease therapy, In: Algal Nanotechnology: Bioprospecting Algae for Nanosized Materials, (Eds. Devarajan Thangadurai), Springer Nature, Switzerland, Chapter 11.
3. Sonam Dwivedi and Iffat Zareen Ahmad, 2021. Microalgal nanotechnology for the remediation of environmental pollutants, In: Algal Nanotechnology: Bioprospecting Algae for Nanosized Materials (Eds. Devarajan Thangadurai), Springer Nature, Switzerland, Chapter 17
4. Elhan Khan and Iffat Zareen Ahmad, 2021. Seaweed biotechnology: an answer to environmental issues and human health problems, 2021. In: Seaweed Biotechnology: Biodiversity and Biotechnology of Seaweeds and Their Applications (Eds. Devarajan Thangadurai), CRC Press, USA, chapter 12.
5. Iffat Zareen Ahmad, 2021. Advances in the applications of copper-based nanocomposites in wastewater treatment, Vol. 6 Copper Nanostructures: Next- Generation of Agrochemicals for Sustainable Agroecosystem (Ed. Kamel Abd- Elsalam), Elsevier publishers, chapter 32.
6. Iffat Zareen Ahmad, 2021. The anti-diabetic effect of Nigella sativa L. with respect to its phytochemicals and the mechanism of action, In: Antidiabetic Potential Plants in the Era of Omics, (Ed. Deepu Pandita), CRC Press, chapter 2.
7. Heena Tabassum and Iffat Zareen Ahmad, 2021. Trigonella foenum-graecum and its Bioactive Compounds having Potential Antidiabetic Activity In: Fenugreek – Biology and Applications (Ed: M. Naeem et al.), Springer Nature, Singapore, chapter 19.

Awards/Honors

- Iffat Zareen Ahmad. Best paper award in National Research Writing Competition 2021 organized by Mindshare in association with NSS and Government UP, 8th March, 2021.
- Haram Sarfarz and Iffat Zareen Ahmad. Linseed and its nutritional and health beneficial aspects: a review. Best paper award in National Research Writing Competition 2021 by Mindshare in association with NSS and Government UP, 8th March, 2021.
- Sadiyah Samreen and Iffat Zareen Ahmad. Natural Polymer Based Drug Delivery System - A mini Review. Best paper award in National Research Writing Competition 2021 by Mindshare in association with NSS and Government UP, 8th March, 2021.
- Iffat Zareen Ahmad. Third prize, Essay completion in a Refresher Course on National Education Policy (NEP)-2020 organized by HRDC-DSW, Integral University, Lucknow from 24th Feb. 2021 to 3rd March 2021.

DR. SNOBER MIR (Research Publications)

1. Singh N, Ahmad J, Mir SS. Self-healing in concrete using ureolytic species of bacteria and yeast. Bioengineering IOP Conference Series: Materials Science and Engineering (2021).
2. Maarfi F, Chandra S, Fatima JE, Khan MY, Mir SS, Yusuf MA. Probing the Structure- Function relationship and amyloidogenic propensities in natural variants of apolipoprotein A-I. Bioengineering Biochem Biophys Rep (2020) Doi:10.1016/j.bbrep.2020.100815.
3. Tabish M, Khatoon A, Alkahtani S, Alkahtane A, Alghamdi J, Ahmed SA, Mir SS, Albasher G, Almeer R, Al- Sultan NK, Aljarba NH, Al-Qahtani WS, Al-Zharani M, Nayak AK, Hasnain MS. Approaches for prevention and environmental management of novel COVID-19. Bioengineering Environ Sci Pollut Res (2020) https://doi.org/10.1007/s11356-020-10640-3.
4. Hasan A, Haque E, Hameed R, PN Maier, Irfan S, Kamil M, S, Nazir A, Mir SS

   Hsp90 inhibitor gedunin causes apoptosis in A549 lung cancer cells by disrupting Hsp90: Beclin-1: Bcl-2 interaction and downregulating autophagy. Bioengineering Life Sciences (2020) doi: 10.1016/j.lfs.2020.118000.

Award

Adria Hasan, research Scholar working under the supervision of Dr. Snober S. Mir won a Young Scientist Award in 2nd International Conference on Personalized Medicine, Recent Advances and Challenges, organized by Department of Personalized and Molecular Medicine, Era University , Lucknow, India, on 24th-25th March, 2021. She presented her work entitled "Hsp90 inhibitor gedunin causes apoptosis in A549 lung cancer cells by disrupting Hsp90:Beclin-1:Bcl-2 interaction and downregulating autophagy."

DR. ALVINA FAROOQUI (Research Publications)

1. An exploratory analysis on the toxicity & safety profile of Polyherbal combination of curcumin, quercetin and rutin. Reshu Tiwari, Mohammed Haris Siddiqui, Tarique Mahmood, Alvina Farooqui, Paramdeep Bagga, Farogh Ahsan & Arshiya Shamim. Clinical Phytoscience volume 6, Article number: 82 (2020)
2. Media optimization for C-phycocyanin production in Plectonema sp. using response surface methodology and central composite design Arbab Husain, Fahad Khan, Khwaja Osama, Sadaf Mahfooz, Adeeba Shamim, Saheem Ahmad, Alvina Farooqui. Int. J. Res. Pharm. Sci. (International), July, 2020, 11(3), 1-8
3. Ability of Al- acclimatized Immobilized Nostoc muscorum to Combat Abiotic Stress and its Potential as a Biofertilizer Adeeba Shamim, Sadaf Mahfooz , Arbab Hussain and Alvina Farooqui. J. Pure Appl. Microbiol., (International), 14(2):1377-1386, June 2020
4. Pallavi Agarwal, Poonam C Singh ,Vasvi Chaudhry, Pramod A Shirke, Debasis Chakrabart, Alvina Farooqui, Chandra Shekhar Nautiyal, Aniruddha P Sane, Vidhu A Sane.PGPR-induced OsASR6 improves plant growth and yield by altering root auxin sensitivity and the xylem structure in transgenic Arabidopsis thaliana. J Plant Physiol. (International), July 22, 2019;240:153010. PMID: 31352021 DOI: 10.1016/j.jplph.2019.153010
5. Tripathi, Ankita; *, Srivastava, A. K.; Farooqui, A.; Singh, A.; Singh, D. and Tripathi, V. K. (2019). Diversity of Seed-Borne Mycoflora in Relation to Different Chickpea Varieties in Uttar Pradesh, India. International Journal of Current Microbiology and Applied Sciences (2019) 8(10): 2254-2263.doi:10.1016/j.jplph.2019.153010

Book Chapters

1. Sharma P, Gautam K, Pandey AK, Gaur VK, Farooqui A, Younis K. Pectin. Biomass, Biofuels, Biochemicals: Biodegradable Polymers and Composites - Process Engineering to Commercialization 2021 (pp 126-153), Elsevier, Cambridge, United States.
2. Gyanendra Tripathi, Arbab Husain, Suhail Ahmad, Ziaul Hasan, Alvina Farooqui Contamination of Water Resources in Industrial Zone In Contamination of Water: Health Risk Assessment and Treatment Strategies. Eds. Arif Ahamad Sharf Siddiqui, Pardeep Singh ISBN: 9780128240588 Academic Press Published Date: 1st August 2021
3. Alvina Farooqui, Gyanendra Tripathi, Kahkashan Moheet, Priyanka Dubey, Suhail Ahmad, Arbab Husain, Adeeba Shamim and Sadaf Mahfooz. Algal Biomass: Potential Renewable Feedstock for Bioenergy Production In "New Insight in Bioenergy Research-Volume III, Springer nature (in press)
4. Gyanendra Tripathi, Aqsa Jamal, Tanya Jamal, Maryam Faiyaz, Alvina Farooqui" Phyco-nanotechnology: An emerging nanomaterial synthesis method and its applicability in biofuel production".In Green route synthesisi of nanomaterial for renewable energy application, Publisher Springer nature. (in press)
5. Gyanendra Tripathi, Farha Khan, Suhail Ahmad, Arbab Husain, Adeeba Shamim, Sadaf Mahfooz and Alvina Farooqui, Design of sustainable and Environmentally friendly process for industries In Elsevier, USA has agreed to publish a book entitled Environmental Sustainability And Industries. Technologies For Waste Treatment. Editors – Dr. Pardeep Singh, Dr. Chaudhery Mustansar Hussain, Dr. Sanchayita Rajkhowa, Dr. Ramesh Oraon & Dr. Joao Paulo Bassin. (in press)
6. Alvina Farooqui, Gyanendra Tripathi, Nishi Aara, Suhail Ahmad, Arbab Husain, Adeeba Shamim, Sadaf Mahfooz. Advances in Biotechnology for the bioremediation of contaminated ecosystem In Innovative Biobased technologies for environmental remediation CRC press, Taylor and Francis (in press).

DR. AISHA KAMAL (Research Papers)

1. Ahmad Farhan, Kamal Aisha, Singh Ananya, Ashfaque Farah, Alamri Saud, Siddiqui Manzer (2020). "Salicylic acid modulates antioxidant system, defense metabolites and expression of salt transporter genes in Pisum sativum under salinity." Journal of Plant Growth regulation. https://doi.org/10.1007/s00344-020-10271-5. (Impact Factor- 2.6)
2. Ahmad Farhan, Kamal Aisha, Singh Ananya, Ashfaque Farah, Alamri Saud, Khan Mohammad Iqbal Raza (2020). "Seed priming with gibberellic acid induces high salinity tolerance in Pisum sativum through antioxidant system, secondary metabolites and upregulation of antiporter genes. Plant Biology. https://doi.org/10.1111/plb.13187. (Impact Factor- 2.1)
3. Shafeeque Amir, Ahmad Farhan, Kamal Aisha (2020). "Toxicity of pesticides to plants and non-target organism: A comprehensive review." Iranian Journal of Plant Physiology. https://doi.org/10.22034/ijpp.2020.1885628.1183. (Impact Factor: 0.11).

Book Chapters

1. Aisha Kamal, Farhan Ahmad, (2020). "Oxidative Stress Alleviation by Modulation of the Antioxidant System under Environmental Stressors' in book entitled "Organic Solutes, Oxidative Stress, and Antioxidant Enzymes Under Abiotic Stressors", Published by Taylor & Francis Group. https://doi.org/10.1201/9781003022879

DR. ROOHI (Research Publications)

1. Deepika Singh, Pratima Debnath, Roohi, Aniruddha P. Sane and Vidhu A. Sane (2020). Expression of the tomato WRKY gene, SlWRKY23, alters root sensitivity to ethylene, auxin and JA and affects aerial architecture in transgenic Arabidopsis. Physiology and Molecular Biology of Plants (P. online, 14 May 2020), https://doi.org/10.1007/s12298-020-00820-3, (ISSN: 0971-5894) IF: 1.62.
2. Hena Jamali, Anjney Sharma, Roohi and Alok Kumar Srivastava (2020). Biocontrol potential of Bacillus subtilis RH5 against sheath blight of rice caused by Rhizoctonia solani. Journal of Basic Microbiology, 1-13. DOI: 10.1002/jobm.201900347 (ISSN: 0233111X, 15214028) IF: 1.909.

Book Chapter

1. Roohi, Zernab Fatima, Mohd. Rehan Zaheer and M. Kuddus (2020). Nano-catalyst production using nano-biotechnology: From recent advancements to future prospects. "Handbook of Nanomaterials and Nanocomposites for Energy and Environmental Applications", Kharissova O., Martínez L., Kharisov B. (Eds.), Springer Nature Publication. (ISBN No. 978-3-030-11155-7, DOI: https://doi.org/10.1007/978-3-030- 11155-7_5-1).

Editor of a book

Name of Editors: Roohi and Mohammed Kuddus - Publication date: June 2021. - Title of the Book: Bioplastics for Sustainable Development. - Publisher: Springer Publication, ISBN 978-981-16-1822-2, ISBN 978-981-16-1823-9 (eBook), https://doi.org/10.1007/978-981-16-1823-9.

1. Innovation Patent

Title of invention: System and method for indoor clothes dryer using direct transportation of solar light.Patent number: 2021101539

Name of inventor(s): A, Manimaran; Lakshmikanthan, Avinash; B, Neeraja; Rehman, Tasneem Bano; Ansari, Roohi; Yadav, Shiv Pratap Singh; D, Vijendra Babu; C, Narayanaswamy; P L V N, Saichandra; S, Parasuraman; G, Veeramalai And P, Jenopaul

Term of Patent: Eight years from 25 March 2021.

2. National Patent

Design Patent, Title of invention: Water Quality Improving Container, Design No.: 338503-001 dated- 03/02/2021, Name of inventor(s): Apurba Gohain, Gaurav Saikia, Saptarshi Borkakoti, Dr. Mohd. Rehan Zaheer, Dr. Roohi.

DR. ARCHANA VIMAL (Research Publication)

Chaudhary, L., Siddiqui, M. H., Vimal, A., & Bhargava, P. (2021). Biological Degradation of Keratin by Microbial Keratinase for Effective Waste Management and Potent Industrial Applications. Current Protein & Peptide Science.

DR. POONAM SHARMA (Research Publications)

1. Sharma P*, Gaur VK, Sirohi R, Larroche C, Kim SH, Pandey A. Valorization of cashew nut processing residues for industrial applications. Industrial Crops and Products. 2020 Sep 15;152:112550. IF=4.244
2. Sharma P*, Gaur VK, Sirohi R, Varjani S, Kim SH, Wong JW. Sustainable processing of food waste for production of bio-based products for circular bioeconomy. Bioresource Technology.2021 Jan:124684. IF=7.539
3. Tarafdar, A., Sirohi, R., Gaur, V.K., Kumar, S., Sharma, P., Varjani, S., Pandey, H.O., Sindhu, R., Madhavan, A., Rajasekharan, R. and Sim, S.J., 2021. Engineering interventions in enzyme production: Lab to industrial scale. Bioresource technology, p.124771. IF=7.539.

Book Chapters

1. Sharma P, Gautam K, Pandey AK, Gaur VK, Farooqui A, Younis K. Pectin. Biomass, Biofuels, Biochemicals: Biodegradable Polymers and Composites - Process Engineering to Commercialization 2021 (pp 126-153). Elsevier, Cambridge and United States
2. Gaur VK, Sharma P, Srivastava JK, Sirohi R, Manickam N. Production and application of bacterial polyhydroxyalkanoates. Biomass, Biofuels, Biochemicals: Biodegradable Polymers and Composites - Process Engineering to Commercialization 2021 (pp 248-277). Elsevier, Cambridge and United States.
3. Gaur P, Gaur VK, Sharma P, Pandey A. Thermal/rheological behavior and functional properties of biopolymers and biopolymer composites. Biomass, Biofuels, Biochemicals: Biodegradable Polymers and Composites - Process Engineering to Commercialization 2021 (pp 438-463). Elsevier, Cambridge and United States.

DR. OWAIS YOUSUF

Resource Person for the technical training (module 7) scheduled under the 6-week TEDP on FOOD TECHNOLOGY sponsored by DST jointly organized by GSSS Institute of Engineering and Technology for Women, Mysore, and NIFTEM (Dept of FST, FE & BAS) from 3rd - 6th March 2021.

LECTURE SERIES ORGANIZED BY THE DEPARTMENT

1. A guest lecture on "Gene Environment Interaction and Etiology of disease: Myth or Reality" was held on 17th March, 2021. The guest speaker was Dr. B. D. Banerjee, Professor, University College of Medicine Sciences, University of Delhi, Delhi. The program was hosted by Dr. Alvina Farooqui, Associate Professor of the Department. Dr. Banerjee enlightened the audience about the effect of the environment on the genes and how the change in environmental components, be it air, water, soil, and the intake of crops grown in presence of excessive fertilizers and pesticides affect the genetic constitution of a human being.

Role of Paramedics in Health care

Integral Institute of Allied Health Science & Research has hosted the program on the Role of Paramedics in Health Care by the Nigerian students on 10th Feb 2021. The event was Streamed Live on the University Official YouTube Channel .

Students from all Paramedical Courses from Integral university and other colleges participated in this event. The Program revolved around the most relevant topic of the Present Time, i.e. the role of Paramedics in the Health Care System. Nigerian students from the different courses in their respective fields like Bioengineering, Pharmacy, Biomedical Engineering, Nursing, Physiotherapy, Medical Lab Technology, Radiological Technology and Paramedical touched upon the key aspects of branches in managing the patients.

The Chief Guest of the event was Dr. Syed Nadeem Akhtar, Pro-Chancellor, Integral University. The event was graced with the presence of other dignitaries like Prof. Aqil Ahmad, Pro Vice-Chancellor , Prof. M.A Khalid, Dean Student's Welfare, Prof. M.Z. Idris (Dean IIMS&R) , Dr. Misbahul Haq, Dean , Pharmacy, Dr. Mohd Haris Siddique, Director of Admissions & Academics, Dr. Ashfaque Khan, Principal IIAHS&R, Mr. Usman Khan, Head Paramedical, Mr. Farzand Ali, Principal Nursing, Ms. Sony Verma, Vice Principal and Mr. Gazali Sami, Deputy Director (Outreach) and Prof. Mohd Faisal, Chief Warden.

The events started with the prayer by the Nigerian students. The students elaborated the role of Biomedical Engineering in managing the health system by different types of equipments and use of artificial limbs and their maintenance. They explained the importance of nursing in managing numerous medical conditions with Nursing Care and particularly in this COVID -19 situation. They emphasized the role of Medical Laboratory Technology for performing various diagnostic tests. The Students performed the role of Physiotherapy for rehabilitation in different post-operative, muscular and neurological conditions. They also performed how to operate different machines and analysed the artificial organs in Biomedical Engineering.

Integral Institute of Allied Health Sciences & Research Presents a Program

NIGERIAN STUDENTS DEGREE CEREMONY

Organised by Nigerian Students at Integral University on July 13, 2021

Dr. Syed Nadeem Akhtar, Pro-Chancellor, participated as a Chief Guest

University Polytechnic
Integral University, Lucknow

The University Polytechnic (Lucknow Campus) organized the events as listed below :

1- To commemorate 75 years of India's Independence Celebrations and the anniversary of the launch of "Dandi March", a program of "Bharat Ka Amrut Mahotsav", the University Polytechnic, organized an Essay Competition on March 12, 2021. The topic was "Impact of Dandi March towards Freedom struggle of India."

2- The Department of CSE, and the Department of English organized a Quiz Competition on Road Safety Awareness on 17/ 02/ 2021. The event was organized by Mr. A. V. Shukla, Mr. Mohamamd Rashid and coordinated by Mr. S. H. Abbas and Mrs. Nazish Siddique.

3- The Department of Applied Mathematics of University Polytechnic organized an online Quiz Competition, on December 22, 2020, to celebrate National Mathematics Day. The Convener accomplished the event, were Dr. K. M. Moeed, the principal, event organizers Dr. Divesh Srivastava and Dr. Hiba Haroon.

4- An Essay Writing Competition on: "Swami Vivekanand's Thoughts on the Upliftment of Youth" organized by the Department of CSE and the Department of English, It was organized by Mr. Mohammad Rashid.

5- The Department of English organized Poem writing, Essay writing, and Slogan writing competitions on "Chauri Chaura Centenary Celebrations" on 04/02/2021. The Principal, Dr. K. M. Moeed, motivated the organizers. Mr. Mohammad Rashid, the organizer, thanked the members of the organizing committee.

6- An Online Guest Lecture on "Python and its Importance today" was organized on 09/ 03/ 2021.

7- The Department of Mechanical (Automobile) Engineering organized an Online Quiz on World Wildlife Day on March 03, 2020.

8- The University Polytechnic organized a Guest Lecture on Sustainable Architecture on March 09, 2021.

9- Another online counseling session by the esteemed Alumni of Integral University was organized on February 26, 2021. The speakers of this program were Dr. Anupam Dhasmana, Research Scientist (Assistant), Deptt. of Immunology & Microbiology, University of Texas, the USA and Er. Mohammad Sadaq Abbas,Technical engineer, NAFFCO FZCO, Dubai, the Alumni of the Integral University. The programs were organized by Mrs.Nazish Siddiqui and Mr. V. K. Maurya.

Department of Computer Science & Engineering

Guest Lecture on "Digital Transformation with Special Focus on Artificial Intelligence & Cloud Computing"

The DQAC of the Department of Computer Science & Engineering, Integral University, Lucknow, organized an online Guest Lecture on "Digital Transformation with Special Focus on Artificial Intelligence & Cloud Computing", on 29th May 2021. The session was conducted under the guidance of Dr. Akheela Khanum, Head, Department of CSE, and coordinated by Ms. Roshan Jahan, Faculty of CSE. The guest for the session was Mr. Saurav Banerjee, Assistant professor, Institute of Management Studies, Lucknow University. The speaker highlighted the importance of digital transformation through examples of companies like Kodak, Blackberry, Nokia and Yahoo who failed to transform themselves with the changing customer needs. To make a shift in the orbit vision, one needs to search for exceptions across industries and domains, to refer competition benchmarks, to create new strategies, goals and refer to industry projections.

One Week Online Workshop cum FDP on "Big Data Analytics using CLOUDERA"

In compliance with IQAC, Integral University activity calendar directives, the Department of Computer Science and Engineering, Integral University, Lucknow, organized a One Week Workshop cum FDP on "Big Data Analytics using CLOUDERA" from 19th - 26th March 2021 (Online), wherein a total of 100 faculty and students from various universities participated. The resource person was Dr. Shish Ahmad, Associate Professor, Department of CSE, Integral University, Lucknow. Keeping the facts in mind that the Big Data Analytics is being adopted throughout the globe to gain numerous benefits from the data being produced, the primary purpose of the Workshop cum FDP was to update the participants to gain advancements in the field of Big Data and the tools used for its analysis. The workshop aimed to provide the detailed understanding of the Big data tool "Cloudera" along with "Hortonworks" and highlighting the need to abreast faculty and students with the latest technology in the field of Big data Analytics to enhance their skills and to make them compatible with the latest trends of the industry. The workshop witnessed that the participating faculty members and students learned and understood the new concepts of the emerging tools and techniques in the field of Big Data Analytics.

Guest Lecture on "Azure Technologies"

The Department organized an Online Guest Lecture on "Azure Technologies" on March 13, 2021. The event was conducted under the supervision of Dr. M. Akheela Khanum, Head, Department of CSE, Integral University, who motivated the students for attending the informative session on the latest advancement in the technologies. The event was hosted and organized by the faculty coordinator Mrs. Nudrat Fatima, Assistant Professor, CSE Department. Around 100 participants from different sections of Engineering participated in the guest lecture. The Webinar offered a unique opportunity for the participants to explore true benefits of Azure Technologies and how it has been providing the technological advancements in today's scenario. Mr. Mohammad Ismail Siddiqui, Senior Software Engineer and Team Lead, HCL Technologies, discussed the importance of Cloud Technology and how Azure, one of the Cloud Technologies, is used to provide fast, flexible and reliable capabilities for Data storage and services. The speaker also discussed the different Innovative IOT Industry Solutions that Azure provides. The security enhancement with Azure was also discussed.

AWARENESS DRIVE ON COVID-19 VACCINATION

As we all know, that COVID-19 vaccination will help save lives, stabilize health systems and drive economic recovery. Spreading awareness for prevention from COVID-19 is the need of the hour in the current pandemic situation. With this objective, the Department of Computer Science & Engineering, Integral University, Lucknow prepared an awareness video on COVID-19 vaccination, including 15 volunteers of the CSE Department, on 13th March 2021. It is expected that this video will help to spread the awareness towards COVID-19 vaccination to different people all around so that we can join our hands together to combat COVID-19 vaccination. Dr. M. Aqeela Khanum , Head of the Department of CSE and Ms. Sheeba Praveen, Assistant Professor with 15 volunteers of Computer Science Engineering tried to make this event successful.

A One Day Online Workshop on "PHP & MYSQL"

The Department, in collaboration with iNurture, organized a One Day Online Workshop on "PHP & MYSQL" on 27th February 2021. The workshop provided the participants with the concepts of PHP and MYSQL for Web Development. Mr. Chandra Prakash Verma, Software Engineer, InTime Vision Soft Pvt. Ltd., was the guest speaker of the event. Around 50 participants from different disciplines participated in the event.

Slogan Writing Event on "Road Safety Awareness"

The Department organized a Slogan Writing Event on the theme "Road Safety Awareness" on 18th February 2021, on account of the Road Safety Awareness Month. The event was conducted under the supervision of Dr. M. Akheela Khanum, Head, Department of CSE, Integral University, who motivated the students, along with the faculty coordinators, Mrs. Nudrat Fatima, Mrs. Sheeba Praveen and Mr. Ijtaba Saleem Khan. Around 150 participants from different disciplines participated in the event out of which the panel of judges chose the best four entries. The best slogans were selected. The winners declared for the event were as follows: The First Prize for the event was awarded to Baby Kulsum Yasmin, B.Pth 2nd year. The Second Prize was awarded to Sonali Kanaujiya, B.Pth 2nd year. The Third Prize for the event was awarded to Azeem Khan, B.Tech. (CSE) 2nd year and Shaista Taskeen, Ph. D.(English) 1st year.

Webinar on "Philosophy of Swami Vivekananda for the Youth Upliftment"

Integral University observed the National Youth Day with the primary aim of sensitizing the students about the philosophies, principles and ideas of Swami Vivekananda. The Student Welfare Committee, Department of Computer Science & Engineering, Integral University, Lucknow, organized a Webinar on the topic "Philosophy of Swami Vivekananda for the youth upliftment" on 12 January 2021. The lecture was delivered by the eminent speaker Mr. Arvind Kumar Singh, who is a renowned Hindi writer and journalist and has been an agricultural researcher and communication-transporter for three decades. Mr. Singh has been associated with many prestigious newspapers like Chauthi Duniya, Amar Ujala and Haribhoomi. He also served as an advisor in the Ministry of Railways for three years. The event was systematically coordinated and welcomed by Dr. Akheela Khanum, Head, Department of CSE. The webinar was well organized by the SWC members, Mrs. Kavita Agarwal, Convener, Mrs. Sheeba Praveen, Nudrat Fatima, Mr. Ijtiba Saleem. A total of 120 participants were registered from Integral University, Lucknow. The speaker did justice with the topic and emphasized the need to go through the inspiring and motivational stories of Swami Vivekananda's Life. Mr. Arvind Kumar Singh made the session more interesting and captivating.

Online Workshop on "DOCKER- A CLOUD DEVELOPMENT PLATFORM"

The Department organized a Three Day Online Workshop on "DOCKER- A CLOUD DEVELOPMENT PLATFORM" from 7th – 9th November, 2020. This workshop enabled the learners to develop and deploy their applications on Cloud Infrastructure. The participants developed a moderate level of understanding of Open Shift and its vital building block. More than 100 participants from the field of Computer Science and Engineering participated in the workshop. Mr. Mohit Kumar, Assistant Professor, CSE Department, AIT, Chandigarh University, was the expert for the workshop.

Department of Physics

A group of teachers and students of Department of Physics, Integral University, went for a visit to Aastha Health Resort, an old age home located at Gudamba Marg, Churaman Purwa Marg, near Kukrail Picnic Spot, Rasoolpur Sadat, Uttar Pradesh. The students handed over the gifts and fruits arranged by Integral University to the organization. The organization in turn greeted the teachers with certificates.

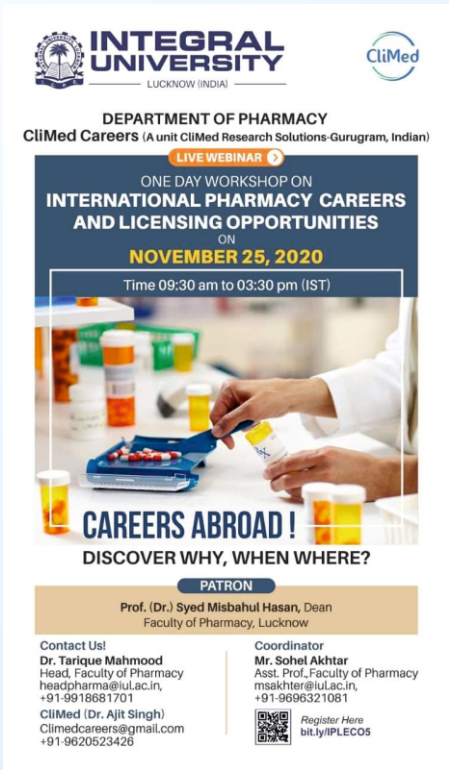
Faculty of Pharmacy, Integral University

National Pharmacy Week

The 'National Pharmacy Week' was created to recognize the vital contributions that Pharmacists are making every day to Patient care and Pharmaceutical industry. The theme of the National Pharmacy Week this year was "Pharmacists: Frontline Health Professionals" and was celebrated by the Faculty of Pharmacy from November 21-25, 2020. Various activities were conducted for students, like Slogan Writing and E-Poster Competitions. The above events were followed by a One Day workshop on "International Careers and Pharmacy Licensing Opportunities" in collaboration with 'CliMed Research Solutions,-India, a research organization with expertise in providing the research solutions in various fields like clinical research, pharmacovigilance, medical writing and data analytics. Under the Supervision of Prof. (Dr.) Syed Misbahul Hasan, Dean, Faculty of Pharmacy, Dr. Tarique Mahmood Ansari, Head, Faculty of Pharmacy.

The session was conducted by the different experts regarding "International Careers & Pharmacy Licensing Opportunities" in different countries abroad wherein Dr. Ajit Singh, Co-Founder & CEO, Cli-Med Research Solutions, spoke about International Career Opportunities Overview and Pharmacy Licensing Exam in UAE. (HAAD, DHA, MOH); Dr. Suraj Dalsania, RPh, California, USA, gave the information about Career and Pharmacy Licensing Exam in the USA, (FPGEE & NAPLEX); Dr. Tarun Rache, Deputy Director, CliMed Careers & Expert from Australia, informed regarding Career and Pharmacy Licensing Exam in Australia (KAPS) and Mr. Avnish Chauhan, Recruitment Officer, CliMed Research Solutions, gave a talk on Career and Pharmacy Licensing Exam in New Zealand (KAPS). The workshop was very useful and informative for those students who were interested in Careers abroad. The event was concluded with the declaration of the first three winners under Slogan writing and e-poster. International symposium on medication therapy management (ISMTM)-2021

The Faculty of Pharmacy, Integral University, Lucknow organized the "International Symposium on Medication Therapy Management-2020" (ISMTM) held virtually on 2nd & 3rd of January, 2021. It was conducted by CliMed® Research Solutions in collaboration with Indian Pharmaceutical Association, World Youth Heart Federation -India and Association for Community Pharmacist in India. The event, organized in association with more than 20 National and International Medical and Paramedical Institutes, was a great success. It was held under the Supervision of Prof. (Dr.) Syed Misbahul Hasan (Session Chair), Dr. Tarique Mahmood Ansari (Scientific Committee Member) and Mr. Md Sohel Akhter (Coordinator). The event registered the participation of more than 1000 professionals hailing from different Institutes of repute.



FACULTY OF LAW

The DQAC of the Faculty of Law, Integral University, organized an "Interactive Session on Higher Education and Legal Research in Indian scenario" by Dr. Ankit Awasthi, Assistant Professor, Hidayatullah National Law University, Raipur, on 25 th of June 2021 from 1.00 pm onwards. Research refers to creative work which is undertaken systematically. The practice of research adds depth to research papers as students are kept abreast of the latest knowledge. The objective of this interactive session was to promote the research skills of the faculty members, Research Scholar and LL.M students. The expert of the invigorating lecture duly attended by The Ph.d. scholars and The Faculty of Law, Integral University, in collaboration with Breakthrough India, the Global Human Rights Organization, had successfully organized an interactive training session on "Standup Against Street Harassment". Mr. Shubham Singh Chauhan, Trainer, Breakthorugh India, the Global Human Rights Organization, as its speaker, motivated and provided details about how to help and combat the situation to the students regarding streets harassment. He highlighted this common issue to students with his inspirational thoughts and enlightened us with the interactive talk on Street Harassment.

The Faculty of Law, in its hard times of pandemic, has been active enough to conduct various academic and curricular activities for students' support and their progression. With its annual event held in November 2020, the Constitution Day, the law faculty organized the essay, quiz and debate competitions using the online platforms on the topic of suicide and its legal and mental implications. Webinars were conducted on various legal topics viz, gender-based violence, the Role of trees and legal remedies available during COVID 19, have been able to draw maximum viewership and were appreciated for their content and presentation. The faculty of law in collaboration with the Association for Advocacy and Legal initiatives started a series of discussion and awareness programmes in relation to the awakening against Domestic Violence in rural as well as urban areas. The most important extension activity as part of the curriculum is the Legal Aid Programmes for the Faculty of Law, which was conducted in March in the nearby village of Para, BKT, Lucknow, making aware of the legal rights available to the ignorant weaker sections of the society. Conducting Career Guidance programmes is also the prerogative of the Faculty as almost two batches of LL.B. Three Year have passed out.

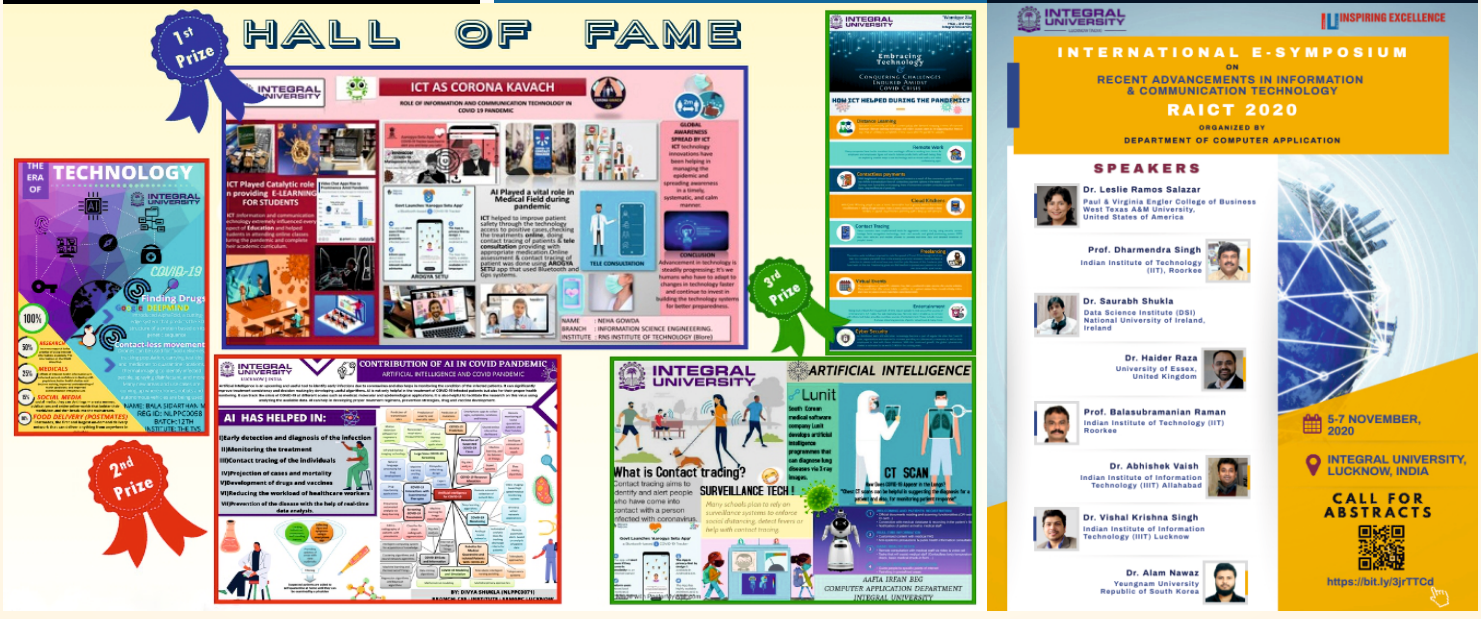
ONE MONTH VALUE-ADDED COURSE ON FUNDAMENTALS OF LAW

The Faculty of Law organized a One month Online-Value Added Course on 'Fundamentals of Law' from 10th April to 10th May 2021. This course was specially formatted for all the UG and PG courses of the university. Total of 200 plus students were registered and out of the 113 were selected for completing all the registration formalities. The Course was conducted in April, when Covid 19 pandemic was on the extreme. This was a virtual mode course conducted only two days a week where lectures were delivered during weekends for two sessions: This interactive session was held on Google meet for the Lectures and ILI-LMS platform for quiz tests, assignments and learning materials.

DEPARTMENT OF COMPUTER APPLICATION

The Department took a strategic step towards the Digital India Initiative, where all innovative extra-curricular activities like organizing symposiums, quizzes, workshops, FDPs & SDPs executed through electronic platforms. Also, it's a matter of great pride that the Department organized a Three Day International E-Symposium on "Recent Advancements in Information and Communication Technology", RAICT-2020, in association with the Indian Society for Technical Education (ISTE), Institute of Engineers India (IEI), and technically co-sponsored by Institute of Electrical and Electronics Engineers (IEEE) Uttar Pradesh Section. Through this symposia, the Department introduced an online public forum where notable speakers, passionate faculty members, researchers and interested participants virtually linked altogether for sharing their opinions in their respective fields. The theme of this symposium was rightly anchored with the current scenario, as the ICT is being used in all the areas of education, and entwined with the educational practices. The eminent speakers from International and National Institutions graced this E-Symposium and 117 abstracts were received for publication in E-Souvenir .

Activities at a Glance



International Women's Day held at Integral University, Lucknow

Women Grievance Cell, Women's Study Center, & IIMS&R, Integral University, organized a Webinar on International Women's Day on "Physical and Mental Challenges Faced by Women Leaders" on 8 March 2021. The patron of the event was Prof. S.W. Akhtar, Hon'ble Chancellor, Integral University and Co-Patron was Mrs. Azra Waseem, Director, Integral International School, Lucknow. The speakers on the occasion were Prof. Sabiha Hussain, Director, Sarojini Naidu Center for Women's Studies, Jamia Millia Islamia, New Delhi, and Dr. Zeba Aqil, Member Secretary, Women Grievance Cell. In sync with the same, Faculty of Architecture & Planning organized an exhibition on the theme "Idea of the future" by the students on the campus from 6th March 2021, which was presided over by the other dignitaries of the University, Hon'ble Pro-Chancellor, Dr. Syed Nadeem Akhtar and Hon'ble Vice-Chancellor Prof. Javed Musarrat. and Prof. Aqil Ahmad, Pro Vice-Chancellor, was the special guest of the event.

Department of Electronics and Communication Engineering

1- Expert talk on "Green Telecomm" on February 19, 2021, by Dr. Chandra Shekhar Azad, Ex. DGM, BSNL, Govt. of India., P&T Electrical Engg. Services Officer, Solar Energy Inspector.

2- Expert talk on "Project Management" on March 13, 2021, by Mohammad Rashid Siddiqui, Project Manager, EHV Substations, Qatar General Electricity & Water Co., Doha, Qatar.

3- Six Week Online Faculty Development Programme on "Disruptive Technologies in Engineering & Research" from April 12, 2021 to May 21, 2021, powered by IEEE and Institute of Engineers Student Chapter was conducted.

4- Value Added Course on "Spreadsheet Applications-Intermediate Level" from April 12, 2021, to May 17, 2021, was conducted.

5- The Department organized an Online Guest Lecture on "Sustainable Energy Scope and Future" on July 19, 2021. Mrs. Iffat Zahra, having 11 Years of Experience in the field of Telecom Engineering & Education, Master of Technology (M.Tech.) in Electronics and Communication & Post Graduate Diploma in Business Administration (PGDBA) in Operations Management, delivered a lecture on the future of Sustainable Energy.

6- The Department of Electronics and Communication Engineering, Faculty of Engineering, Integral University, organized the National Webinar on "Industry 4.0 and IoT" from July 26th to 30th, 2021. Industry 4.0 is a part of the fourth industrial revolution that concerns industry. The terms industry 4.0 and "fourth industrial revolution" are often used interchangeably. Industry 4.0 refers to the concept of factories in which machines are augmented with wireless connectivity and sensors connected to a system that can visualize the entire production line and make decisions on its own.

esham naqvi
"Parupalli Kashyap"

INTEGRAL UNIVERSITY

INTEGRAL UNIVERSITY

Sports Meet

YOGA DAY

International Day of Yoga 2021, observed at Integral University, Lucknow

In compliance with the directive of the Ministry of AYUSH, Government of India, the 7th International Day of Yoga was celebrated with great enthusiasm at Integral University, Lucknow, on 21st June 2021. The programme, which is usually organized every year on the beautiful green campus of the University, was conducted ONLINE due to the pandemic and instructions of the Ministry. The theme for this year's International Day of Yoga 2021, was "Yoga for well-being", which resonates with the need of current scenario due to lockdown and work from home situations, restricting the movement of people. The word 'Yoga' originated from the Sanskrit word 'Yuja' which means 'to join or to unite'. The programme was organized online by the Office of the Dean, Students' Welfare and Integral University Sports Academy, Integral University, Lucknow, involving students and faculty members.

It started with the welcome address and a brief introduction about the program & the resource person by Prof. Monowar Alam Khalid, Dean, Students' Welfare & Head, Department of Environmental Science, who informed that International Day of Yoga is conducted globally every year, since 2015, after its recognition in the United Nations, when our Prime Minister proposed the idea during his speech at the United Nations on 27th September 2014. Yoga is considered as an ancient practice which originated from India some 5000 years ago, which was developed as a way to connect body, mind and soul. It later became popular as an exercise and a relaxation method for attaining the body's general well being. The United Nations has marked the day to raise awareness about the many benefits of practicing Yoga for people all over the world and 21st June was chosen because it is the longest day in the Northern Hemisphere. Prof. Khalid introduced the resource person Dr. Laxminarayan Joshi, an eminent Yoga Guru, Founder faculty & Head, Dept. of Yogic Science and also Dean Students Welfare at Uttarakhand Sanskrit University, Haridwar. With a Masters in Physical Education and a Doctorate in Yogic Science in Yoga Therapy, he has more than 30 years of experience in delivering talks and performing yoga both Nationally and Internationally.

During the Online Programme, Yoga performances covering various important Aasanas like Pawan Mukta Aasan, Surya Namaskar-12 Asanas, Utthan Pad Aasan, Sarvang Aasan, Hal Aasan, Bhujang Aasan, Shalbh Aasan, Dhanur Aasan, Setuvandh Aasan were demonstrated along with Jal Neeti, Naadi Shoodhan Pranayaam, Bhrambri Pranayaam, Kapaal Bhati. These were practically demonstrated and explained in simple ways for understanding. More than 306 participants registered and attended this online programme, which was highly appreciated by them. All the participants were given Participation E-Certificates. The Program was nicely anchored by Dr. Anand Mishra, Assistant Professor, Department of Environmental Science and supported by Ms. Sitara Sahni. The Program ended with the Vote of Thanks porposed by Dr. Mohd. Zafar, Director Sports Academy, Integral University, Lucknow.

INTEGRAL UNIVERSITY

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Master of Technology Machine Design (Evening)	3 Yr.
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Bachelor of Law	3 Yr.
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Bachelor of Commerce (Hons.) / Bachelor of Commerce (Hons.) ACCA	3 Yr.
Bachelor of Business Administration (Tourism)	3 Yr.
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Master of Commerce - Integrated	4 Yr.
Integrated BBA MBA	4 Yr.
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Doctor of Medicine (Microbiology)	3 Yr.
Doctor of Medicine (Community Medicine)	3 Yr.
Doctor of Medicine (Pathology)	3 Yr.
Doctor of Medicine (Anesthesiology)	3 Yr.
Master of Surgery (Obstetrics & Gynaecology)	3 Yr.
Bachelor of Physiotherapy	4 Yr.
Bachelor of Medical Lab Technology	3 Yr.
Bachelor of Radio Imaging Technology	3 Yr.
Bachelor of Science in Optometry	4 Yr.
Bachelor of Science in Forensic Science	3 Yr.
Bachelor of Science in Health Information Technology	3 Yr.
Master of Medical Lab Technology	2 Yr.
Master of Radio Imaging Technology	2 Yr.
Master of Science in Optometry	2 Yr.
Master of Science in Forensic Science	2 Yr.
Certificate Program in Manual Therapy	6 mon
Certificate in Baby Nursing & Child Care	6 mon
Certificate in Emergency & Trauma Care Assistance	6 mon
Diploma in Anesthesia Technician	2 Yr.
Diploma in CT Scan Technician	2 Yr.
Diploma in Dialysis Technician	2 Yr.
Diploma in Emergency Trauma & Care Technician	2 Yr.
Diploma in Medical Lab Technology	2 Yr.
Diploma in Medical Record Keeping	2 Yr.
Diploma in Operation Theater Technician	2 Yr.
Diploma in Optometry	2 Yr.
Diploma in X Ray Technician (DXRT)	2 Yr.
Master of Science (Medical Pharmacology)	3 Yr.
Master of Science (Medical Anatomy)	3 Yr.
Master of Science (Medical Biochemistry)	3 Yr.
Master of Science (Medical Microbiology)	3 Yr.
Master of Science (Medical Physiology)	3 Yr.
Master of Physiotherapy	2 Yr.
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Master of Science in Nursing	2 Yr.
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Diploma Auxiliary Nursing Midwifery	2 Yr.
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Master in Journalism & Mass Communication	2 Yr.
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Master of Science (Valuation Agriculture)	2 Yr.
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Diploma in Chemical Engineering	3 Yr.
Diploma in Civil (Construction Management & Safety) Engineering	3 Yr.
Diploma in Civil Engineering Full Time/Evening	3 Yr.
Diploma in Computer Science & Engineering	3 Yr.
Diploma in Electrical Engineering Full Time/Evening	3 Yr.
Diploma in Electronics Engineering	3 Yr.
Diploma in Mechanical Engineering	3 Yr.
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Diploma in Mechanical Engineering (Production) Evening	3 Yr.
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