

Prospectus 2018



INTEGRAL UNIVERSITY

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INTEGRAL UNIVERSITY **INSPIRING EXCELLENCE**



Inspiring

Accredited by



NAAC



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Recognised as a SIRO by the Ministry of Science & Technology, Govt. of India
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**MEDICAL COUNCIL
OF INDIA**



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**INDIAN NURSING
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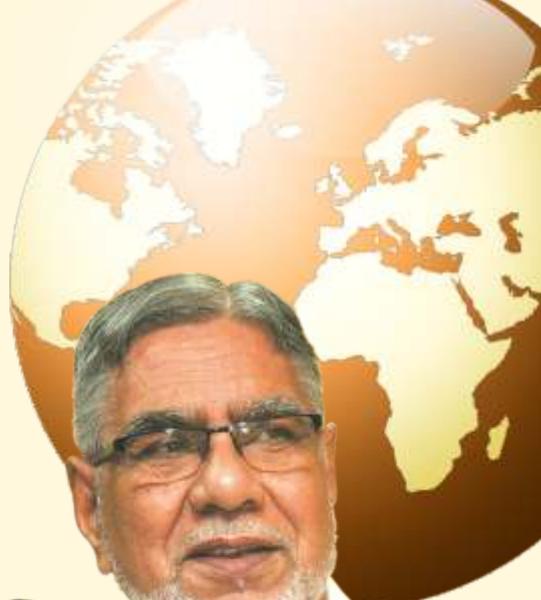
**NATIONAL COUNCIL FOR
TEACHER EDUCATION**



**UTTAR PRADESH STATE
MEDICAL FACULTY**



**DISTANCE EDUCATION
BUREAU**



International Congress

on

Post-Harvest Technologies of Agricultural Produce for Sustainable Food and Nutritional Security

10th - 12th November, 2016

Venue : Integral University, Lucknow

ORGANIZERS

MEDIA PARTNERS



Welcome to Integral University

Integral University has a unique culture of inclusiveness, diversity, personal and intellectual integrity and value-based education. The curriculum has a strong focus on individual growth and the development of essential tools so that its students make a mark in the corporate world and the field of technology. These are solidly supported by a highly qualified and trained team of accomplished faculty and robust academic infrastructure. It always maintains a high standard of educational excellence and continuously strives to create a learning-friendly environment. Integral University, because of its marvellous contribution in the fields of Science & Technology in the very

first decade of its existence, has established laudable credentials among the leading universities of the country. It is going to enter the orbit of the second decade with a fresh commitment to imparting value-based quality education and inculcating the spirit of enquiry, humanity and civility in its students so as to make them proud sons & daughters of India. The miraculous achievements of Integral University in the first decade of its journey beggars description. It strengthened the Faculty of Engineering and established the faculties of Pharmacy, Education, Health & Medical Sciences (Integral Institute of Medical Sciences and Research with a 500 + bedded multispeciality hospital), Agriculture,

Humanities and Social Sciences, Distance Education and two Polytechnics. By 2020 India would be having the youngest workforce. To cope with the global requirement and for India to play a vital role in outsourcing experts, the University is going to take up vocational training programmes to groom new and skilled workforce. By utilizing the facilities of ICT, the University has geared up to launch Massive Open Online Courses (MOOC) under the distance education programme to increase the rate of literacy and an inclusive development through education.



The University is at present laying focus and stress on research programmes and career advancement of students. Interactive efforts with eighteen renowned universities and research organizations through MOUs for research activities and campus selection of students by national and multinational organizations bear a glowing testimony to these efforts. It is gratifying to note that Integral University has had a successful placement-history even at the height of recent recession. This has been made possible only through the

ongoing interface with the corporate world, ensuring that we provide the best equipped talent to them for the growing economy and global demands. The University has also taken affirmative action in the context of community welfare activities through NSS programmes in collaboration with the State Government, which includes child health and cleanliness of villages in the vicinity of the University campus, thereby creating an awareness among citizens regarding the need to be alert and sensitive to civic problems and

finding solutions through participation. Integral University is not only an academic institution but also a mission and a vision to make the country progressive and prosperous in all walks of life. I, therefore, invite all the aspirants who are in quest of quality education to join this University to serve the nation and the world at large.

Syed Waseem Akhtar
Vice-Chancellor

**Read ! In the Name of Your Lord,
who has created (all that exists). - [Al-Quran 96 : I]**

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Vision, Mission & Objectives

Vision

- To lead the teeming millions of the world through the wilderness of ignorance and illiteracy, as "Kindly Light" (Exodus 13:21) with the resounding divine proclamation "Read: Thy Lord is the most bounteous (Quran 30:96:3)." 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.

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 far-sighted 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.

Objectives

- To harness technical education and technology in the service of mankind, as also to enable students to think globally and act nationally.
- To integrate spiritual and moral values with education and to develop human potential to its totality. To develop a sense of self-reliance and to create the awareness of higher self in the younger generation.
- To ignite the latent potentialities of the young and budding generation through cutting-edge technology and state-of-the-art academic programmes.
- To bring about innovation in education by restructuring courses and adopting novel methods of teaching and learning to target multifaceted personality development.
- To identify the excellent heritage of our great and glorious past and to link it with the grand future. To cultivate and disseminate knowledge by providing research and extension facilities.
- To create and promote a congenial ambience and thereby further help in strengthening the spirit of national integration, secularism and international understanding to bring all the sections of society in the mainstream for an overall development of India and to provide modern, scientific and moral education for social upliftment.
- To empower the younger generation with global perspectives in order to bring about peace, tranquillity, prosperity and bliss to the entire world in general and to our country in particular.

The University

Preamble

The arduous project of the establishment of an excellent educational Institution was embarked upon by Islamic Council for Productive Education (I.C.P. E.) consisting of a small group of dedicated, devoted and diligent educationists, engineers and intellectuals committed to achieving educational excellence in all spheres of modern technology, science and higher education. They started the project with a modest school in a thatched hut on 3rd November, 1993. It was named 'Techno Academic School'. In 1994 the Government of Uttar Pradesh permitted the entry of the private sector in higher technological education system of the State. This enabled the Society to launch its second major project of establishing Institute of Integral Technology at Lucknow. Conscious of the placement situation in the State, initially the Institute identified three areas for its U.G. programmes namely, Computer Science and Technology, Electronics Engineering and Architecture. Since Lucknow University was a non-affiliating University and for starting any degree-level programme, affiliation was a pre-requisite, the Institute was affiliated to Dr. RML Awadh University, Faizabad, in 1998. The Institute was recognized by the

All-India Council for Technical Education (A.I.C.TE.) and it admitted its first batch in 1998-99. Later on several programmes were added. With the inception of U.P. Technical University in the academic session 2000-2001, the Institute of Integral Technology got affiliated to it.

Role of IITians — The Midas Touch

A group of IITians drawn from Government organizations, enterprises and educational institutions played a vital role in providing a strong and formidable academic foundation and curriculum for the phenomenal progress which the Institute of Integral Technology made in subsequent years. This group comprised Prof S.M. Iqbal, (IIT, Kanpur), Prof. D.C. Thapar (IIT, Kharagpur), Late Prof. M.M. Hasan (IIT, Kanpur), Prof. M.I. Khan (IIT, Roorkee), Late Prof. Bal Gopal (IIT, Kanpur), Prof. Mansoor Ali (IIT, Rorkee), Mr. M.S. Ansar (IIT, Kanpur), Prof. Subodh Shankar (IIT, Kharagpur) and Prof. Qamar-uz-Zaman (IIT, Kharagpur). The Institute made rapid advancement as the years passed by. In infrastructure, it did not limit itself to the minimum standards laid down by the regulatory authorities but went far ahead of them. Its academic buildings, laboratories and workshops, though

not luxurious, were surely efficient, appropriately designed and provided with the best possible equipments, and thus, could be compared to any well-established institute of the country. The Institute's strong emphasis on students' discipline, human values and character-building has had an enduring impact. Within a short span of time it established its own credentials and singular reputation. Shri Atal Bihari Vajpayee, the then Prime Minister of India, personally visited and blessed the Institute of Integral Technology on 30th June, 1999, and expressed his hope that the Institute of Integral Technology, sharing its initials with IIT, will attain the same standards and status as the IITs do in the country. The hope of the then Prime Minister of India was fulfilled in its totality with the transformation of this Institute into a full-fledged University in a record time, on account of its excellent reputation in the field of academics, in February, 2004. The Government of Uttar Pradesh passed a Bill in the Assembly followed by the Gazette Notification No.389/ -9-2004, dated: 27th February, 2004, and elevated the Institute to the status of a full-fledged University under the Act No.9 of U.P. State Legislature.





Functioning of the University

Integral University, the first enacted Minority University in the country, started functioning from 1st April, 2004. The President of the Islamic Council for Productive Education, Dr. Saeed-ur-Rahman Azmi, and its General Secretary, Prof. Syed Waseem Akhtar, respectively took over as Founder Chancellor and Vice Chancellor of the University. Integral University was accorded recognition by U.G.C. under section 2(f) of U.G.C. Act, 1956. The University started its journey for providing quality education in 2004.

The existing faculties in the University were re-organized and new faculties of Science, Pharmacy, Education, Management Studies, Health & Medical Sciences, Agricultural Science & Technology, Humanities & Social Sciences, Computer Applications, Medical Sciences & Allied Health Sciences, College of Nursing and Faculty of Law were added. Besides this, progressively, a number of new programmes were added, including

Master level programmes in Biotechnology, Industrial Chemistry, Electronics Circuits and Systems, Bioinformatics, Instrumentation & Control, Microbiology, Production and Industrial Engineering, Machine Design, Computer Science, Civil Engineering, Power Systems and Drives etc. At present the University has 11 faculties and 38 departments. It offers 35 Undergraduate programmes, 48 Postgraduate programmes and 22 Diploma courses, 3 Certificate courses and 2 P.G. Diploma courses. The University has also taken up research programmes on a priority basis in almost all faculties of study. At present 343 research scholars are enrolled in the University under the Ph.D. programmes and 201 scholars have already received doctoral degrees in the last six years. All courses conducted are approved by the concerned statutory bodies like CoA, PCI, NCTE, MCI, IAP, BCI. The University is accredited by NAAC. The University has a marvellous ambience and academically lively and vibrant

environment, highly conducive to higher and dedicated academic pursuits. "Go Green" is one of the mottos of Integral University. The campus has all the facilities like Medical Centre, Canteen, Students Activity Centre, Gymnasium, Sports-ground etc. In this constructive academic milieu, students adopt a superb *savoir-faire et savoir-vivre* to lead a respectable and fulfilling life. Integral University lays special emphasis on student fraternity and brotherhood. The poor and deserving students, irrespective of their caste and creed, are given scholarships, in the memory of (Late) Hazrat Abul Hasan Ali Hasni Nadvi alias 'Ali Miyan', the great thinker and philosopher. The University maintains transparency in its governance. All functional levels inclusive of academic programmes, administration, admissions, examinations, training and placement activities, finance and library services are fully computerized.



The Founder

In 1993 Islamic Council for Productive Education (ICPE), with Dr. Saeed-ur-Rahman Azmi as its President and Prof. Syed Waseem Akhtar as its General Secretary, started a school with the aim of developing it into an institution of higher education for promoting technical, scientific and professional aptitude in the masses of the country in general and the minority community in particular, by providing the best possible modern and moral education to prepare them for global challenges. The foundation stone of the Institution was laid by the world-renowned Islamic scholar and philosopher, Hazrat Maulana Abul Hasan Ali Hasni Nadvi alias Ali - Miyan' on 3' November, 1993.

During his inaugural address Hazrat Maulana said: "In fact, Industry, Technology and Scientific Research have greater importance and utility in the present-day scenario of democratic, political and academic domination and this is bound to enlarge. In India, our labour, knowledge and potentialities won't make us self-reliant, self-sufficient and honourable citizens until and unless we achieve expertise in these fields as well and put it to practice." With the blessings of the great thinker and philosopher, Hazrat Maulana Ali Miyan, the ICPE has an absolute commitment to making the country self-reliant and self-sufficient in all spheres of life.

The Campus

Location

The University is located about 13 kilometers from the heart of the city on Lucknow-Kursi Road. It is well connected to all parts of the city.

Discipline

The University lays great emphasis on discipline and expects students to abide by the rules on and off the University campus. The Proctor, Deans, HODs, along with teachers of different faculties and departments are responsible for ensuring a decent, disciplined and decorous environment in the campus.



Integral University Campus never fails to soothe, to revive and to rejuvenate.



Facilities in the University

Students Interaction

As a tradition of this University, seniors welcome the freshers and interact with them in a friendly and cordial atmosphere. Ragging in any form, at any place, on and off the University campus, is strictly banned.

An undertaking on a prescribed format is required to be submitted by all students that they shall not indulge in any form of ragging on or off the University Campus and shall abide by the rules prescribed for this purpose by the University / Government. This ensures a complete ragging-free environment in consonance with the decision of the Hon'ble Supreme Court of India.

Language Lab

The language lab is a state-of-the-art multimedia laboratory that makes use of software, projectors and audio-visual systems for an efficient Computer Aided Language Learning (CALL) experience. It has been developed to assist students in developing excellent communication skills. An Industry requires not only a strong knowledge base from the professionals but also effective communication skills. For the above purpose, the language lab has employed 'Orell ODLL', a professional software for improving vocabulary, pronunciation, and other Soft Skills so that students may communicate well and efficiently.



Computer Centre

Computer Centre caters to the computing needs of the faculty, staff and students for their research, teaching and learning activities. The University has a fully air-conditioned, state-of-the-art computer centre with over a thousand computer terminals installed. The Computer Centre has a number of high-end servers. Apart from hardware resources, Computer Centre also provides a wide range of systems and application software like statistical packages, image processing packages, RDBMS software, various advanced and special purpose software such as MATLAB, NetSim, Maya, Studio 8, Rational Rose etc. The Computer Centre has a robust power-backup facility through online UPS and a number of generator sets. It provides the campus with wireless network that connects all the academic departments, hostels, library and other central facilities.



IT Help Desk

IT Help Desk (ITHD) is the backbone of the IT infrastructure of the University. ITHD plays an important role in achieving the vision of making the University paperless. It is a single point of contact for its students/employees to gain assistance in troubleshooting and solving the unwanted issues which may occur from time to time. All the hardware, software and networking support is provided by the ITHD. A large team of responsible technicians take care of large user base to provide instant assistance.





Central Library

The Integral University Library System (IULS) comprises the Central Library and Departmental Libraries that collectively support the teaching, research and extension programs of the University. The Central Library houses a rich collection of about 0.1 million documents comprising books, theses, journals, dissertations and CDs/DVDs in the fields of applied sciences, bio sciences, engineering, medical sciences, education, humanities, literature and management with a seating capacity of 600 readers.

The Central Library of Integral University in general acquires documents in order to provide different kinds of information to satisfy the changing milieu of informational needs of the University community i.e., the students, faculty members, researchers and non academic members. The Library System of Integral University has a

glorious past and is expected to have a promising future. Initially set up in 1998, the Central Library moved to its present multistoreyed building in July 2008. The Library has been growing steadily in terms of physical facilities, collection of documents, trained personnels, and remarkable services.

Mission

In tune with the vision and mission of Integral University, the Library acts as the main Learning Resource Centre of the University and provides various resources, services and facilities to meet the requirements of the University's teaching and learning programs.

Objective

The key objectives of the Central Library are: To acquire various kinds of information resources to support the new and existing needs of academic programs in learning, teaching and research and innovation. To provide

the University community with a high quality, innovative and excellent information services that fulfill the information requirements of the University Community and to meet their high expectations. To train the library staff with the latest techniques for innovative and outstanding services. To provide information literacy programs/ library skill sessions in different modules in order to enable the users identify, search, locate, evaluate and use the information effectively. To maintain quality access to the local as well as external resources using state-of-the-art technologies.

Computerization & Automation of the Library

Considering the importance of computerization in the library house-keeping operations such as acquisition, circulation, serials control and Online Public Access Catalogue (OPAC); the library is fully automated by using internationally reputed library automation software named 'KOHA'. More than Ten Terminals are dedicated exclusively to the users for OPAC and about 15 Terminals are dedicated for the Digital Resource Centre for the library users. All the books available in the Library are Bar-coded for automated check in and check-out.

Acquisition of Books & Journals

The Library has a collection of 99255 volumes. During the session, 2015-16 the Library subscribed to 300 printed journals and 7,010 on-line journals.

E-Resources

During academic session 2015-2016, the library has subscribed to 7010 online journals. In addition to these there are several E-Resources, viz, 2,731 E-Books, 47,000 articles, 3700 free full text articles, and 5875 Indexed articles, which are available through the following online databases:

1. Oxford University Press
2. Cambridge University Press
3. J-Gate (Engineering & Technology)
4. J-Gate (Social & Management Sciences)

5. EBSCOHOST: BSE
6. Access Engineering from McGraw Hill
7. IEEE(ASPP)
8. ASTM Digital Library
9. Springer Link
10. ASCE II. BMJ
11. J-STOR
12. Nature E-Journal

Library Services

Reserve Section : Reserve Section has a collection of text books in all subjects taught in various courses in the University which are recommended by the teaching staff. More than 14000 books are housed for reading and learning within the section. The seating capacity of Reserve Section is 100. Reserve Section remains open from 9.00 A.M. to 10:00 P.M. Monday to Friday and on Saturday from 9.00 A.M. to 4.00 PM.

Reference Services : The Central Library maintains a separate Reference Collection consisting of Encyclopedias, Dictionaries, Directories, Handbooks, Technical data, Atlases, Bibliographies, CD-ROMS, audio and video DVDs, etc. The previous years' examination question papers are also provided here for the benefit of the students. The total collection of Reference books is 1000 volumes.

PhD Theses and Masters Dissertation

More than 200 PhD theses are

available for consultation within the Central Library. The Library also holds 1375 Master's Dissertations.

Oriental Book Section

The Oriental Collection consists of Quran, Islamic Literature, Urdu Literature, English novels and Biographies etc. The total collection of oriental books is 1844 volumes.

Manuscript

The Central Library of Integral University has a rare manuscript : a 150 years old copy of the Holy Quran, hand written, in three volumes.

Multimedia Services

Since, the library has a very good collection of CDs, DVDs, E-Books, E-Journals, Digital Resources, Databases, Software and several educational films, a separate Digital Resource Centre has been established for smooth dissemination of information to the academic fraternity of the University.

Other Services of the Central Library

- 24x7 Ask a Librarian Service
- Current Content Service
- New Arrivals Service
- News Alert Service
- Automated Issue/Return of Books
- User Orientation/Information Literacy program
- Suggest a Book service by Email, Whatsapp and Register
- Separate reading room for Faculty & Researchers.
- Digital Resource Center for accessing e-resources
- CCTV Surveillance
- 24x7 Campus wide access to e-journals and e-books
- 9.00AM to 9.00 PM Issue & Return Facility
- Previous exams' Question papers on Library Portal with 24x7 access.



Centre For Career Guidance & Development (CCG&D)

Centre for Career Guidance and Development (CCG&D) is a central facility of the University, managed by highly qualified and experienced professionals from industry. It is actively assisting the students in developing their personality, enhancing communication skills and general awareness through workshops, seminars, Industrial Training and Career Counselling. This ultimately helps them in their final placement. High emphasis is paid on building Industry linkages and creating placement opportunities. The cell's working is automated and the records of the students' academic status, trainings, seminars, projects and placements etc. are available online.

The CCG&D

- Acts as a bridge between the corporate world and the University by providing a range of services to enhance students' job search and career management skills. It also provides career counseling to students.
- Continuously liaisons and networks with organizations and recruiters (Indian and Overseas) to generate ample opportunities for the placement of students.
- Provides exposure to the students for training/Internship in public sector or private organizations, both at national & International level.
- Improves active participation of the students and the faculty members in placement activities through formation of Student Placement Committees (SPCs), faculty committees and online discussion-groups.
- Augments corporate collaborations by signing MOUs for Training and Placement activities.
- Utilizes the latest state-of-the-art technology (web site, emails, bulk SMS, facebook etc) for better efficiency.
- Utilizes independent and interactive web portals which link the various Job sites and corporate world facilitating information-sharing with both the students and the Recruiters.
- Encourages entrepreneurship among the students.
- Arranges interactions of students with Alumni members for sharing corporate experiences.

Special Features

- An in-house Aptitude Training Cell (ATC) with sufficiently qualified trainers.
- Agreement with professional trainers for value-added programmes on employability and skill enhancement of students within the campus premises.
- Full-time Corporate Relation Cell (CRC) for building long term relations with corporate world.
- Live industry projects under the University Industry-Interface, where the students participate and improve their practical skills.
- SSB coaching by a dedicated defence trainer for students interested in joining the Armed Forces and the Indian Coast Guard.

Our Recruiters



Placement Facilitators

INTEGRAL UNIVERSITY



Industrial Training/ Internship

As per the curriculum of the University, the students are required to undergo Industrial Professional / Project Training. The Centre for Career Guidance & Development assists them in getting and organizing the training in organizations of repute like — ISRO, BHEL, HAL, SAIL (Bokaro, Rourkela, Durgapur, Salem, Bhilai, Asansol, Ranchi), NTPC, NPCIL, SEL, Ordinance Factory, BARC, PCL, CDRI, CMAP, NBRI, IITRC, Biotech Park Lucknow, Indian Railways, Airport Authority of India, UPDPL Lucknow, Godrej, L&T, TELCO, TATA MOTORS, TCS, TICSO, Siemens, Cognizant, WhirlPool, Reliance Communications, Pantaloons, Voltas, AVIVA LIC, TATA—AIG, Bajaj Allianz, Reliance Money, KARVY etc. Organizing Educational & Industrial tours is one of the responsibilities of CCG&D

Seminars, Mock Interviews and Pre-Placement Training

The CCG&D conducts classroom interactions, Group Discussions, Quizes, IQ Tests and Mock Interviews under the Personality Development Programme. Tie-up has been made with reputed assessment agencies to provide sufficient rehearsal aptitude tests under live company conditions in order to enrich the final and pre-final year students. Guest lectures by eminent career consultants, academicians and motivators are arranged from time to time. The cell regularly organizes workshops through Entrepreneurship Development Institute of India, Ahmedabad (Northern Regional Office, Lucknow), aimed at guiding the students on becoming entrepreneurs. The students are encouraged to participate in creative and design competitions in order to sharpen their

technical skills. Students and experts are also networked together in an online group in order to provide a 24-hour helpline.



Placement Scenario

Integralites are well placed in top Indian & foreign companies. They are globally serving in reputed MNCs & fortune 500 companies. CCG&D organizes Campus drives, Pool campus drives and arranges off Campus interviews. Some of the employers who recruited our students during the last five years are as mentioned below.

Aamby Valley City	HDFC Limited	Oracle Financial Services	Tata Consultancy Services
Accenture	HDFC Bank	Software Ltd.	Technosys Services Pvt. Ltd.
Aptara	HDFC Standard Life Insurance	Organics India Ltd.	Torrent Power
Aviva Life Insurance Co. Ltd.	Co. Ltd.	Oriental Structural Engginers	Unitech-ikk Group Abu Dhabi
Axis Bank	Helix Technologies Sol. Pvt. Ltd.	Patil Group Of Companies	Walmart
B. L. Kashyap & Sons Ltd.	Honda Siel Power Products Ltd.	Patni Computers	Wipro BPO
Bajaj Allianz Life Insurance	Hindustan Unilever Ltd.	Pfizer Limited	Wipro Infotech
Co. Ltd.	Hindustan Construction Co. Ltd.	Quarbz Technologies Ltd.	Wipro Technologies
Be Billimoriya Construction	Huawei Technologies	Rave Technologies Ltd.	Wns Global Services Pvt. Ltd.
Company	Hyderabad Industries Ltd.	Reliance Capital	Zydus Cadila Healthcare Ltd.
Bharti Axa Life Insurance Co. Ltd.	IBM India Ltd.	Reliance Industries	Data borough
Birlasoft	ICICI Prudential Life Insurance Ltd.	Reliance Money	Oracle
Bosch Ltd.	i-Flex	Renault Nissan	G. V. K Power & Infrastructure Ltd.
Capgemini India Pvt. Ltd.	i-Gate	Rockwell Automation	United Spirit
Cipla Ltd.	India Mart	Sanmar Group	Co. Cubes
Cmc Ltd.	Indian Army	Sahara	Indian Navy
Cognizant	Indian Air Force	Csc	Infosys Technologies
Convergys	Gati Ltd.	Card Life	IPCA Laboratories Ltd
Samsung India	Shobha Developers Ltd.	Cummins	Jbm Group
Sapient Ltd.	J K Cement	Eldeco	L & T Infotech
Sasken	DCM Shriram Consolidated Ltd.	Era Group	Larson &Toubro Ltd (ecc Division)
Siemens Ltd.	Sona Koyo Steering Systems Ltd.	Getit	Lohia Starlingers Ltd.
Soma Enterprises Ltd.	Vodafone	Glaxo Smith Kline	Mahindra Satyam
Sony India	Vijay Electricals Ltd.	Group Coesa, Argentina	Nagarjuna Construction Co. Ltd.
St Xavier Convent School	Spreadtrum	Life Cell International	Nestle India Ltd.
Sterling & Wilson	Triveni Turbine Ltd.	HCL , BPO	Novartis Healthcare Pvt. Ltd.
Sunil Hi Tech	MRF Limited	HCL Connnet	Oman Technical Contracting
Super House Leathers Ltd.	Kanchhal Group	HCL Info Systems Ltd.	Iic Sharjah
Sven Genetech Ltd.	Nucleus Software	HCL Technologies Ltd.	Omaxe Ltd.
Syntel	Tata Aig Life Insurance Ltd.		





EDUSAT

EDUSAT is the first Indian Satellite built exclusively for serving the education sector. It is mainly intended to meet the demand for an interactive satellite-based distance education system for the country. It strongly reflects India's commitment to use the latest technology for national development. It has been introduced in the University to create a virtual classroom with the basic objective of linking various institutes together for higher education.

Campus Wide Networking

All the academic departments, hostels, library and other central facilities are interconnected through access points to campus wide wireless network. The power of Internet and its capabilities to support the academic research and studies as well as sharing knowledge is well known. For the same purpose, the University provides internet access through a 2 Gbps shared internet connection. The campus network provides services and facilities such as electronic mail, internet and teaching software, office automation software, software utilities, online attendance, video conferencing and printing facilities.

Hostel

Capacity

Hostels for boys and girls with the capacity exceeding 1000 occupants, exist in the campus. Separate hostels for boys and girls are spread over 8 blocks.

Food / Mess

Clean and Hygienic Mess facility is provided in each hall, from breakfast to dinner.

Security

Security deployed at every gate of the hostels keeps a close watch on each person's movements. CCTV monitoring of the campus is done round the clock.

Ragging-free environment

To provide ragging-free environment in the hostels, wardens are very vigilant so that the students refrain from ragging or any other kind of indiscipline. Anti-ragging cell and discipline committee helps create a hostel environment that places emphasis on learning and personal growth. Hostels have a zero tolerance policy on ragging, in line with the judgement of the Supreme Court of India, UGC guidelines, State Government and University policy.



Medical Facilities

The University has a full-fledged and well-equipped medical hospital. The hospital now has eight OPDs and eighteen wards, a well-equipped modern Pathology Lab and Radio Diagnosis section. Qualified and experienced Doctors and Medical Attendants are available round the clock to look after students and employees of the University. A fully equipped ambulance is also available round the clock at the University campus. All emergencies are immediately attended to.

Sports and Recreational Activities

The University has a full-fledged Sports Department which organizes Sports Meets and sends teams to various inter-university competitions.

Public Utilities

The campus also has a Bank, Post Office and Cooperative Stores offering various services to the students. Multiple canteens are provided to cater to the needs of various residents and visitors of the University.

Facilities

The following facilities are provided in the hostels :

- Common Room equipped with indoor game facilities.
- Playground and courts for outdoor games like Badminton, Volleyball, Cricket, Skating, Lawn Tennis, Basketball, etc.
- Gymnasium
- 24 Hrs. wi-fi
- Water Purifier
- Parking
- Guest Rooms
- Reading Room



Courses & Fees at a Glance

Program	Eligibility Code	Duration	1 st Installment	2 nd Installment	Total Fee (PA)
FACULTY OF ENGINEERING					
B.Tech. (Computer Science & Engg.)	E1	4 Yr.	90,000	50,000	140,000 ^a
B.Tech. CSE (Cloud Technology & Information Security)		4 Yr.	1,00,000	50,000	150,000
B.Tech - M.Tech Dual Degree (CSE)		5 Yr.	90,000	50,000	140,000 ^a
B.Tech. (Electronics & Comm. Engg.)		4 Yr.	75,000	50,000	125,000 ^a
B.Tech. (Electrical Engg.)		4 Yr.	75,000	50,000	125,000 ^a
B.Tech. (Mechanical Engg.)		4 Yr.	90,000	50,000	140,000 ^a
B.Tech. (Civil Engg.)		4 Yr.	90,000	50,000	140,000 ^a
B.Tech. (Biotechnology)	E2	4 Yr.	75,000	50,000	125,000 ^a
B.Tech. (Food Technology)		4 Yr.	60,000	25,000	85,000 ^a
B.Tech. (Biomedical Engg.)	E3	4 Yr.	60,000	40,000	1,00,000
B.Tech. (Civil Engg.) Lateral Entry- Evening	E4	3 Yr.	75,000	50,000	125,000 ^a
B.Tech. (Mechanical Engg.) Lateral Entry- Evening		3 Yr.	75,000	50,000	125,000 ^a
B.Tech. (Electrical Engg.) Lateral Entry- Evening		3 Yr.	75,000	50,000	125,000 ^a
B.Tech. (Lateral Entry) - For Diploma Holders	E5	3 Yr.	70,000	50,000	120,000
B.Tech. (Lateral Entry) - For B.Sc. Graduates with Science		3 Yr.	70,000	50,000	120,000
M.Tech. (Electronics Circuit & Systems)	E6	2/3 Yr.	Full Time: 50,000 Evening: 35,000	Full Time: 30,000 Evening: 15,000	Full Time: 80,000 Evening: 50,000
M.Tech. (Instrumentation & Control) Evening	E7	3 Yr.	50,000	-	50,000
M.Tech. (Power Systems Engg.) Full Time	E8	2 Yr.	Full Time: 50,000	Full Time: 30,000	Full Time: 80,000
M.Tech. (Power Systems & Drives) Evening		3 Yr.	Evening: 35,000	Evening: 15,000	Evening: 50,000
M.Tech. (Production & Industrial Engg.) Full Time/Evening	E9	2/3 Yr.	Full Time: 50,000 Evening: 50,000	Full Time: 30,000 Evening: -	Full Time: 80,000 Evening: 50,000
M.Tech. (Machine Design) Evening		3 Yr.	50,000	-	50,000
M.Tech. (Biotechnology) Full Time/Evening	E10/E60	2/3 Yr.	Full Time: 50,000 Evening: 50,000	Full Time: 30,000 Evening: -	Full Time: 80,000 Evening: 50,000
M.Tech. (Bioinformatics) Full Time / Evening		2/3 Yr.	Full Time: 50,000 Evening: 50,000	Full Time: 30,000 Evening: -	Full Time: 80,000 Evening: 50,000
M.Tech. (Structural Engg) Full Time / Evening	E11	2/3 Yr.	Full Time: 50,000 Evening: 50,000	Full Time: 30,000 Evening: -	Full Time: 80,000 Evening: 50,000
M.Tech. (Environmental Engg.) Full Time/Evening	E12	2/3 Yr.	Full Time: 50,000 Evening: 50,000	Full Time: 30,000 Evening: -	Full Time: 80,000 Evening: 50,000
M.Tech. (Computer Science & Engg.) Full Time / Evening	E13	2/3 Yr.	Full Time: 50,000	Full Time: 30,000	Full Time: 80,000
M.Tech. (Construction Technology & Management) Full Time / Evening		2/3 Yr.	Evening: 50,000	Evening: -	Evening: 50,000
M.Tech. (Renewable Energy)	E14	2 Yr.	40,000	20,000	60,000
FACULTY OF AGRICULTURAL SCIENCE & TECHNOLOGY					
B.Tech.(Agricultural Engg.)	E15	4 Yr.	50,000	30,000	80,000
B.Sc. (Hons.) Agriculture	E16	4 Yr.	25,000	15,000	40,000
B.Sc. (Hons.) Horticulture		4 Yr.	25,000	15,000	40,000
B.Sc. (Hons.) Forestry		4 Yr.	25,000	15,000	40,000
B.Sc. (Hons.) Home Science		4 Yr.	25,000	15,000	40,000
M.B.A. (Agribusiness Management)	E18/E59	2 Yr.	30,000	20,000	50,000
FACULTY OF SCIENCE					
B.Sc.(Hons.) Biotechnology	E19	3 Yr.	40,000	20,000	60,000
B.Sc.(Hons.) Industrial Chemistry	E32	3 Yr.	30,000	-	30,000
B.Sc. (Physics, Maths, Electronics)	E20	3 Yr.	30,000	-	30,000

^a Rebate of Rs. 5000/- on One Time Payment of Full Fee

Note: The fee mentioned here is the amount payable at the time of admission. Fee for subsequent years may be increased to account for inflation.

Courses & Fees at a Glance

Program	Eligibility Code	Duration	1 st Installment	2 nd Installment	Total Fee
B.Sc. (Physics, Maths, Computer Science)	E20	3 Yr.	30,000	-	30,000
B.Sc. (Life Sciences)	E19	3 Yr.	30,000	-	30,000
B.Sc. (Environmental Science)	E32	3 Yr.	30,000	-	30,000
M.Sc. (Biotechnology)	E21	2 Yr.	50,000	-	50,000
M.Sc. (Microbiology)	E22	2 Yr.	40,000	-	40,000
M.Sc. (Biochemistry)	E23	2 Yr.	40,000	-	40,000
M.Sc. (Bioinformatics)	E24	2 Yr.	40,000	-	40,000
M.Sc. (Environmental Science)	E48/E49	2 Yr.	40,000	-	40,000
M.Sc. (Industrial Chemistry)	E25	2 Yr.	50,000	-	50,000
M.Sc. (Physics) (Specialization Electronics)	E26	2 Yr.	40,000	-	40,000
M.Sc. (Mathematics)	E27	2 Yr.	40,000	-	40,000
Post Graduate Diploma in Industrial Safety Health & Environment (PGDISHE)	E28	1 Yr.	35,000	-	35,000
FACULTY OF ARCHITECTURE					
B.Arch. (Bachelor of Architecture)	E29/E30	5 Yr.	70,000	50,000	120,000*
M.Arch.(Full Time / Part Time)	E31	2/3 Yr.	Full Time: 50,000 Evening: 45,000	Full Time: 30,000 Evening: 25,000	Full Time: 80,000 Part Time: 70,000
B.Plan. (Bachelor of Planning)	E29/E30	4 Yr.	60,000	40,000	100,000
FACULTY OF PHARMACY					
D. Pharm.	E32	2 Yr.	40,000	20,000	60,000
B.Pharm.	E33	4 Yr.	80,000	40,000	120,000
Pharm.D.	E32/E34	5 Yr.	70,000	50,000	120,000*
M.Pharm.	E35	2 Yr.	70,000	40,000	110,000
B.Pharm.(Lateral Entry)	E36	3 Yr.	60,000	40,000	100,000
FACULTY OF COMPUTER APPLICATION					
B.C.A.	E37	3 Yr.	40,000	20,000	60,000
B.Voc.	E67	3 Yr.	35,000	15,000	50,000
M.C.A.	E38	3 Yr.	45,000	25,000	70,000
M.C.A. (Lateral Entry)	E39	2 Yr.	65,000	35,000	100,000
FACULTY OF COMMERCE & MANAGEMENT					
B.B.A.	E54	3 Yr.	45,000	25,000	70,000
B.B.A. (Financial Services)		3 Yr.	60,000	30,000	90,000
M.B.A.	E40	2 Yr.	75,000	50,000	125,000*
B.Com. (Hons.)	E41	3 Yr.	40,000	-	40,000
M.Com.	E42	2 Yr.	35,000	15,000	50,000
INSTITUTE OF MEDICAL HEALTH SCIENCES & RESEARCH					
M.B.B.S.	E43	4½ Yr.	13,50,000	-	13,50,000 [#]
M.D.	E64	3 Yr.	20,00,000	-	20,00,000 [#]
INSTITUTE OF APPLIED HEALTH SCIENCES & RESEARCH					
B.PTh.	E44	4 Yr.	55,000	25,000	80,000
B.PTh. (Lateral Entry)	E45	3 Yr.	55,000	25,000	80,000
BMLT	E44	3 Yr.	40,000	35,000	75,000
BRIT		3 Yr.	40,000	35,000	75,000
M.PTh. (Musculoskeletal, Neurology, Cardiopulmonary & Sports Medicine)	E46	2 Yr.	50,000	30,000	80,000
M.Sc. (Medical Anatomy)	E47/E48	2/3 Yr.	50,000	20,000	70,000
M.Sc. (Medical Physiology)		2/3 Yr.	50,000	20,000	70,000

* Rebate of Rs. 5000/- on One Time Payment of Full Fee
[#] Tuition Fee only. See point 11 on page 24

Note: The fee mentioned here is the amount payable at the time of admission. Fee for subsequent years may be increased to account for inflation.

Courses & Fees at a Glance

Program	Eligibility Code	Duration	1 st Installment	2 nd Installment	Total Fee (PA)	
M.Sc. (Medical Biochemistry)	E47/E48	2/3 Yr.	50,000	20,000	70,000	
M.Sc. (Medical Microbiology)	E47/E49	2/3 Yr.	50,000	20,000	70,000	
Diploma in Operation Theatre Technician	E32	2 Yr.	35,000	15,000	50,000	
Diploma in CT Scan Technician		2 Yr.	35,000	15,000	50,000	
Diploma in Optometry		2 Yr.	35,000	15,000	50,000	
COLLEGE OF NURSING						
B.Sc. Nursing (Basic)	E63	4 Yr.	60,000	40,000	1,00,000	
Diploma in General Nursing & Midwifery (GNM)	E50	3 Yr.	35,000	20,000	75,000	
FACULTY OF EDUCATION						
D.El.Ed.	E40	2 Yr.	52,000	38,000	90,000	
B.Ed. ^c	E40/E62	2 Yr.	45,000	20,000	65,000 ^a	
M.Ed.	E51	2 Yr.	35,000	25,000	60,000	
INTER DEPARTMENTAL PROGRAMME IN VALUATION						
M.Sc. (Valuation - Agriculture) Morning/Evening	E52	2 Yr.	70,000	-	70,000	
M.Sc. (Valuation - Land & Building) Morning/Evening			70,000	-	70,000	
M.Sc. (Valuation - Plant & Machinery) Morning/Evening			70,000	-	70,000	
M.Com. (Valuation - Stock & Trade) Morning/Evening			70,000	-	70,000	
FACULTY OF HUMANITIES & SOCIAL SCIENCE						
M.A. (English)	E53/E61	2 Yr.	30,000	-	30,000	
Certificate of Proficiency in Arabic / French / German / English / Urdu	E54	1 Yr.	6,000	-	6,000	
Diploma in Arabic	E55	1 Yr.	10,000	-	10,000	
Diploma in French	E56	1 Yr.	10,000	-	10,000	
Diploma in German	E57	1 Yr.	10,000	-	10,000	
UNIVERSITY POLYTECHNIC						
Diploma in Chemical Engg.	E58	3 Yr.	25,000	15,000	40,000	
Diploma in Computer Science & Engg.		3 Yr.	35,000	15,000	50,000	
Diploma in Civil Engg.		3 Yr.	35,000	15,000	50,000	
Diploma in Electrical Engg.		3 Yr.	35,000	15,000	50,000	
Diploma in Electronics Engg.		3 Yr.	25,000	15,000	40,000	
Diploma in Mechanical Engg.		3 Yr.	35,000	15,000	50,000	
Diploma in Mechanical Engg. (Automobile)		3 Yr.	35,000	10,000	45,000	
Diploma in Civil (Construction Management & Safety) Engg.		3 Yr.	35,000	15,000	50,000	
Engg. Diploma in Architecture Engg.		3 Yr.	35,000	10,000	45,000	
Diploma in Civil Engg. (Evening)		3 Yr.	25,000	15,000	40,000	
Diploma in Electrical Engg. (Evening)		3 Yr.	25,000	15,000	40,000	
Diploma in Mechanical (Production) Engg. (Evening)		3 Yr.	25,000	15,000	40,000	
FACULTY OF LAW						
BBA-LL.B		E65	5 Yr.	45,000	20,000	65,000
BA-LL.B	5 Yr.		50,000	35,000	85,000	
B.Com-LL.B	5 Yr.		50,000	35,000	85,000	
LL.B	E66	3 Yr.	40,000	15,000	55,000	
DOCTORATE PROGRAMMES						

Doctorate Programmes - ₹ 50,000 PA, Chemical Fees : ₹ 25,000 (if applicable), Caution Money: ₹ 10,000, Thesis Submission ₹ 20,000

^a Rebate of ₹ 5000/- on One Time Payment of Full Fee

^c Fee for second year is ₹ 45,000/- payable in two installments (₹ 25,000 + ₹ 20,000)

Note: The fee mentioned here is the amount payable at the time of admission. Fee for subsequent years may be increased to account for inflation.

Eligibility Criteria for Various Courses

Eligibility Code	Qualifying Exam	Percentage Required	Subjects / Specialization Required
E1	10+2	45%	Physics, Maths & One Subject out of Chemistry/ Biotechnology/ Computer Science
E2	10+2	45%	Physics, Chemistry & One Subject out of Mathematics/ Biology/ Biotechnology
E3	10+2	50%	Physics, Maths, English & (Chemistry/Biology/Biotechnology) must have obtained 50% in Physics, Maths and any optional subject taken together.
E4	3 Years Diploma	50%	Any Branch of Engg.
E5	B.Sc. Degree	50%	XII class with Mathematics as a subject
E6	B.Tech./B.E./M.Sc.	55%	Electronics Engg. / Electronics & Communication Engg. OR Electronics
E7	B.Tech./B.E.	55%	Electrical Engg. / Electrical & Electronics Engg. / Electronics & Instrumentation Engg.
E8	B.Tech./B.E.	55%	Electrical & Electronics Engg. / Electrical Engg.
E9	B.Tech./B.E.	55%	Mechanical Engg. / Production Engg. or equivalent degree
E10	B.Tech./ B.E. OR M.Sc.	55%	Biotechnology/ Biochemical Engg./Life Science/Allied Science
E11	B.Tech./ B.E.	55%	Civil Engg.
E12	B.Tech./ B.E./ M.Sc.	55%	Civil Engg./Mechanical/Chemical/Biotech. Engg./Environmental Engg./Petroleum Engg./Environmental Science
E13	B.Tech./ B.E. OR MCA	55%	Computer Science & Engineering/ Electronics Engineering/ Information Technology
E14	B.Tech/B.E./M.Sc	55%	Any Stream / Any Stream / (Physics/Electronics/Nano/Optics/Laser)
E15	10+2	50%	Physics, Chemistry & Mathematics (PCM)/Physics, Chemistry, Mathematics & Biology (PCMB)/Agriculture
E16	10+2	50%	Physics, Chemistry & Mathematics (PCM)/Physics, Chemistry, Biology (PCB)/ Physics, Chemistry, Mathematics & Biology (PCMB)/Agriculture
E17	10+2	50%	Physics, Chemistry & one subject out of Mathematics/ Biology / Agriculture/ Home Science
E18	B.Tech. / B.Sc.(Hons)	50%	Agricultural Engineering/Biotechnology/Forestry/Agriculture/ Horticulture/Food Tech./Dairy Tech. VET. Science & Animal Husbandry/HomeScience
E19	10+2	50%	Physics, Chemistry & Biology/Biotechnology
E20	10+2	50%	Science
E21	B.Sc./B.Sc. (Hons.)/ B.V.Sc.	50%	Biotechnology/ Biological Science/ Agriculture/ Life Sciences / Biotechnology
E22	B.Sc./B.Sc. (Hons.)/ B.V.Sc.	50%	Microbiology/Biotechnology/ Biological Science/ Agriculture/ Life Sciences
E23	B.Sc./B.Sc.(Hons) / B.V.Sc.	50%	Biochemistry/ Biotechnology/ Microbiology/ Life Sciences/ Biological Science/ Agriculture
E24	B.Sc. / B.Sc(Hons.)/B.Tech / B.E. / B.Pharm. / B.V.Sc.	50%	Biological Science/ Physical Science
E25	B.Sc. / B.Sc. (Hons.)	50%	Chemistry
E26	B.Sc. / B.Sc. (Hons.)	50%	Physics, Chemistry and Mathematics (Physics should be a compulsory subject upto third year)
E27	B.Sc. / B.Sc. (Hons.)	50%	Mathematics (Mathematics should be a compulsory subject upto third year)

Eligibility Criteria for Various Courses

Eligibility Code	Qualifying Exam	Percentage Required	Subjects / Specialization Required
E28	B.Tech/B. E./B.Sc.	50%	Any Discipline/Any Discipline/ Science
E29	10+2	50%	Maths
E30	3 Years Diploma	50%	Any Stream
E31	B.Arch.	55%	
E32	10+2	50%	Physics, Chemistry & (Maths/ Biology)
E33	10+2	45%	Physics, Chemistry & (Maths/ Biology)
E34	D.Pharm	50%	
E35	B.Pharm	55% (50% for SC/ST)	Weightage will be given to GPAT qualified candidates
E36	D.Pharm	45%	
E37	10+2	45%	Any Subjects
E38	Graduation	Passed	Mathematics at 10+2 level or at Graduate Level
E39	BCA/ B.Sc.	50%	BCA or B.Sc.-(IT/Computer Science/Computer Application) with Mathematics as a course at 10+2 level or at graduate level
E40	Graduation	50%	Any discipline
E41	10+2	50%	Commerce or Science (with Mathematics)
E42	B.Com/B.Com (Hons.)	50%	
E43	10+2	50%	Physics, Chemistry, Biology & English (must have obtained a min 50% marks taken together in PCB)
E44	10+2	50%	Physics, Chemistry & Biology
E45	D.PTh	60%	
E46	B.PT/ B.PTh.	55%	
E47	MBBS/BDS/BAMS/BHMS/ BUMS/B.PTh/B.Sc.-Nursing	50%	
E48	B.Sc.	50%	Zoology & Chemistry as the major subjects OR Life Sciences OR Anthropology OR Medical Lab Technology
E49	B.Sc.	50%	Zoology and Botany as the major subjects OR Life Sciences OR Medical Lab Technology
E50	10+2	40%	Arts/ Science and English as a compulsory subject
E51	B.Ed.	55%	
E52	Graduation	–	Refer to http://iul.ac.in/faculty/IDP/valuation.aspx
E53	B.A.	50%	English as one of the subjects (upto III Year)/ B.Tech, with bridge course in English
E54	10+2	50%	Any Stream
E55	Certificate of Proficiency	45%	Arabic Language
E56	Certificate of Proficiency	45%	French Language
E57	Certificate of Proficiency	45%	German Language
E58	10th	35%	Standard or equivalent examination with Mathematics and Science
E59	B.Sc. / B.Sc. (Hons.)/ Post Graduate Degree	50%	Life Science/Botany/Zoology/Biochemistry/Forestry/ Agriculture/ Horticulture/ Food Tech / Dairy Tech/ Home Science/ Allied Stream
E60	B. Pharm.	55%	
E61	B.Com / B.Sc.	55%	
E62	Post Graduation	50%	Any Subject
E63	10+2	45%	Physics Chemistry, Biology & English *Age Bar (17 Yrs)
E64	MBBS		
E65	10+2	45%	Any Stream *Age Bar
E66	Graduation	45% (40% for SC/ST)	Any Stream *Age Bar
E67	10+2	Passed	Any Stream

20 Yrs. for Gen
22 Yrs. for SC/ST/OBC
30 Yrs. for Gen
35 Yrs. for SC/ST/OBC

Important Information & Rules

- Any candidate who has been admitted to the University shall have to abide by the University rules and regulations, or any other amendments made therein from time to time. No litigation shall therefore be tenable.
- Every student must carry/bear his/her identity card while being in the campus.
- Students should be regular and punctual in classes, extra-curricular/co-curricular activities from the start to the end of the semester.
- Students should follow a decent dress code when they come to the University.
- Students are expected to behave in a responsible manner and maintain decorum in the University.
- This University strictly follows the directions of the Hon'ble Supreme Court and regulations of the University Grants Commission for preventing and curbing the menace of ragging in Educational Institutions. These regulations, in full, are displayed on notice boards and are also posted on the website of this University. All the candidates, in their own interest, are advised to study and follow these regulations in both letter and spirit during their studies and stay in this University. Ragging is totally prohibited on and off the campus. If any candidate is found indulging in any form of ragging, he/she is liable to be punished as per University rules. Similarly a complaint committee of women against sexual harassment has also been formed to deal with any such untoward cases, as per the directions of the Hon'ble Supreme Court of India.
- Admission entitlement is not by virtue of right, even if a candidate is otherwise eligible.
- 50% of total seats are reserved for Muslim minorities and 50% of the seats are open to general category. Reservation for girls, physically handicapped and NRI are also available within these categories.
- Candidates shall have to submit a transfer/ migration certificate, from the university or college where he/she was studying earlier, at the time of reporting for admission to a course in this University.
- At any stage, if it is found that a candidate has used some fraudulent means to seek admission, or has made incorrect statement (s), he/she shall not be granted admission or if already admitted, such admission shall be cancelled at any stage.
- Applications of the candidates whose qualifying examinations are recognized by the University shall only be considered for admission.
- During processing or verification of the documents, if any error or omission is found, the University shall have the right to cancel such admissions.
- Eligibility criteria shall not be relaxed.
- The candidate must himself/herself ensure his/her eligibility to appear in the entrance examination. If a candidate, who is ineligible to appear in the examination, does so, he/she will not have any claim whatsoever on admission.
- Candidates are required to produce the original documents such as marks sheet and certificates of the qualifying examination at the time of interview/ reporting for admission. Candidates in respect of whom, the result of the qualifying examination has not been declared by the date of admission, due to any reason whatsoever, shall only be eligible for provisional admission. The candidates will have to produce original documents within 2 months from the commencement of classes to confirm their admission, failing which, the provisional admission will be cancelled.
- The candidates selected for admission counselling to different courses shall be intimated by post/email. The applicant can also check the admission counselling dates from Integral University website. The University shall not be responsible for any delay or non delivery of letter.
- The chance of candidate not reporting for the admission on the due date and time, shall be forfeited and the offer of admission shall be made to the next candidate in order of merit. No correspondence in this regard shall be entertained.
- No intimation shall be sent to the students not selected and their application /fee / photocopy of certificates / documents shall not be returned.
- Canvassing in any form shall render an applicant disqualified.
- Application form shall be filled in applicant's own handwriting with utmost care to avoid rejection.
- No candidate shall be allowed to take admission simultaneously in two regular courses.
- Late applications / incomplete applications / applications without requisite fee / application not submitted on the prescribed form, shall not be entertained.
- The University has not appointed any consultant or

outside agency for admission. Candidates should remain cautious and directly contact the University office for any query or assistance regarding admission.

- The candidates should not make any payment anywhere except at the university accounts office and obtain a proper receipt.
- A full-time student of this University will not be allowed to join any full time job anywhere. If found otherwise, his/her admission will stand cancelled.
- All disputes / legal matters shall be covered under Lucknow jurisdiction only.

The University has reserved the following rights

- Not to disclose the marks obtained by a candidate in any admission test / interview / aptitude test etc.
- Not to admit a candidate to a course of study, even if a notification inviting applications for admission to the same has been issued, if the number of applications received for admission is less than 40% of the sanctioned intake for a particular course.
- Not to admit any of the candidates on valid grounds without intimating reasons to candidate/ parents.

Admission Procedure

Admission in all the courses will be based on merit. A course wise merit list will be called for counselling, which eventually would lead to the admission. Candidates seeking admission in MBA may have to go through personal interview before the final admission.

Important Note

Candidates who have appeared in the Intermediate Examination of the year 2018 and have also applied for admission in any Course of this University should submit the Marks Sheet of the qualifying examination latest by 15th July, 2018.

- Last date of submission of form is April 15th, 2018
- Architecture students are also required to pay NIASA Fee of ₹ 200/- and Educational Tour Fee of ₹ 1200/-
- Students shall have to go for Summer Training / Project work arranged by the CCG&D or by themselves.
- Please visit the Integral University website for NRI fee structure.
- Bus Fee will be charged on the basis of location /distance.
- The fee shall be paid only through DD drawn in favour of "Treasurer, Integral University", payable at Lucknow. No Cash / Cheques will be accepted.
- The caution money deposited by the students at the time of admission in the University shall be refunded only on completion of the course and withdrawal after clearing all the dues. The same shall be claimed immediately after completion of the course. The caution money shall be transferred into the account of the students in the branch of Punjab National Bank situated in the campus. All students are advised to open their account in the same branch and provide the account number in the concerned section.
- The students should ensure that his/her permanent/ postal addresses for communication are updated in the University records.
- Application form and Prospectus Fees : ₹ 1000/- (10% Extra, if required by post)
Application form can also be downloaded from University website www.iul.ac.in and submitted along with a demand draft of requisite fee.
- Hostel & Mess Fee (If the facility is availed)
Hostel & Mess Fee per year :
(Note : For MBBS & MD, see point 11 below)
Single Occupancy Room ₹ 85,000/-
Triple Occupancy Room ₹ 65,000/-
Mess Deposits (Refundable) ₹ 5,000/-
Laundry Charges (Recommended) ₹ 4,800/-
- M.B.B.S. & M.D. Fee Details
Tuition Fee (p.a) as mentioned on page no. 19
Hostel Fee (p.a.)
Non-AC Rooms ₹ 1,50,000/-
AC Rooms (extra) ₹ 50,000/-

International Students

General Information

Integral University earmarks a certain number of seats for international students. The international students may seek admission in the University through one of the two modes outlined below. Foreign citizens, PIO/OCI card holders, NRI and NRI-sponsored students are eligible for admission in this category.

Mode of admission	'Foreign and NRI' category	NRI/PIO/OCI Applicants
Eligibility for admission	Direct admission to the program of your interest based on meeting certain minimum standard of academic performance in the qualifying examination	Admission to the program of your interest through the prescribed entrance/admission procedure
Who can apply	All foreign nationals, NRI, PIO card holder, OCI card holder	NRI, PIO card holder, OCI card holder
Fee Applicable	Fee applicable for international students. Visit global.iul.ac.in	Fee applicable for Indian students
How to apply	Visit admission.iul.ac.in Choose Foreign National/NRI/OCI as the applicant type. Proceed as guided.	





Faculties of Study



Engineering



Science



Architecture



Pharmacy



Computer
Applications



Commerce &
Management



Health & Medical
Sciences



Agricultural Science
& Technology



Education



Humanities
& Social Sciences



Law

Faculty of Engineering



UNDER GRADUATE COURSES

(A) COURSE OF STUDY – Bachelor of Technology

The following B.Tech. programs are available.

Branch	Duration
• Biotechnology	4 yr.
• Civil Engineering	4 yr.
• Computer Science & Engineering	4 yr.
• Computer Science. & Engg. with Specialization in Cloud Technology & Info Security	4 yr.
• Electrical Engineering	4 yr.
• Electronics & Comm. Engineering	4 yr.
• Food Technology	4 yr.
• Mechanical Engineering	4 yr.
• Biomedical Engineering	4 yr.

B.Tech. Evening programs are offered in the departments of Civil, Electrical and Mechanical Engineering.

Lateral entry option for Diploma holders is available in both regular and evening programs.

(B) ELIGIBILITY

1. B.Tech. : A candidate must have passed 10+2 with Physics, Maths and Chemistry / Biotech./ Computer Science with a minimum of 45% marks in aggregate from a recognized Board/University.
2. B.Tech. (Biotechnology / Food Technology) : A candidate must have passed 10+2 with Physics, Chemistry and Maths /Computer Science / Biology /Biotech. with a minimum of 45% marks in aggregate from a recognized Board/University.
3. B.Tech. (Lateral Entry) for Diploma Holders : A candidate must have passed 3 years diploma in any

branch of Engineering with a minimum of 50% marks in aggregate.

4. B.Tech. (Lateral Entry) for B.Sc. Graduates : A candidate must have passed B.Sc. with a minimum of 50% marks in aggregate from a recognized university and also have passed XII class with Mathematics as a subject.
5. B.Tech. (Biomedical Engineering): A candidate must have passed in 10+2 or equivalent with Physics, Maths and English as compulsory subjects along with Chemistry or Biotechnology or Biology or any technical vocational subject as optional with a minimum of 50% marks taken together in Physics, Mathematics and any one of the optional subject.



POSTGRADUATE COURSES

(A) COURSE OF STUDY – Master of Technology

The field of specialization of various M.Tech. programmes offered are :

Branch	Duration
ELECTRONICS & COMM. ENGINEERING	
Electronic Circuit & Systems Full Time/ Evening	2yr./3yr.
Renewable Energy Technology Full Time	2yr.
ELECTRICAL ENGINEERING	
Instrumentation & Control Evening	3yr.
ELECTRICAL & ELECTRONICS ENGINEERING	
Power Systems Engg. Full Time	2yr.
Power Systems & Drives- Evening	3yr.
MECHANICAL ENGINEERING	
Production & Industrial Engg. Full Time/Evening	2yr./3yr.
Machine Design-Evening	3yr.
CIVIL ENGINEERING	
Structural Engg. Full Time/Evening	2yr./3yr.
Environmental Engg. Full Time/Evening	2yr./3yr.
Construction Technology & Management Full Time/Evening	2yr./3yr.
BIOENGINEERING	
Biotechnology Full Time/Evening	2yr./3yr.
Bioinformatics Full Time/ Evening	2yr./3yr.
COMPUTER SC. & ENGG.	
Computer Science & Engg. Full Time / Evening	2yr./3yr.
Post Graduate Diploma in Renewable Energy Technology	1 yr.

(B) ELIGIBILITY

1. M.Tech. (Electronic Circuit & Systems): The candidates must have passed B.Tech. / B.E. examination in Electronics Engg. / Electronics & Communication Engg. or M.Sc. in Electronics or equivalent degree with a minimum of 55% marks in aggregate from a recognized University.
2. M.Tech. (Instrumentation & Control): The candidates must have passed B.Tech. / B.E. in Electrical Engg. / Electrical & Electronics Engg. / Electronics & Instrumentation Engg. or equivalent degree with a minimum of 55% marks in aggregate from a recognized University.
3. M.Tech. (Power System & Drives): The candidates must have passed B.Tech. / B.E. examination in Electrical & Electronics Engg./Electrical Engg. or equivalent degree with a minimum of 55% marks in aggregate from a recognized University.
4. M.Tech. (Production & Industrial Engg): The candidates must have passed B.Tech. / B.E. examination in Mechanical Engg. / Production Engg. or equivalent degree with a minimum of 55% marks from a recognized University.
5. M.Tech.-(Machine Design) : The candidates must have passed B.Tech. / B.E. examination in Mechanical Engg. / Production Engg. or equivalent degree with a minimum of 55% marks from a recognized University.
6. M.Tech. (Structural Engg.): The candidates must have passed B.Tech./B.E. examination in Civil Engg. or equivalent degree with a minimum of 55% marks in aggregate from a recognized University.
7. M.Tech. (Environmental Engg.): A candidate must have passed B.Tech. (Any Stream) or M.Sc. (Environmental Sciences).



(B) ELIGIBILITY

1. **M.Tech. (Electronic Circuit & Systems):** The candidates must have passed B.Tech. / B.E. examination in Electronics Engg. / Electronics & Communication Engg. or M.Sc. in Electronics or equivalent degree with a minimum of 55% marks in aggregate from a recognized University.
2. **M.Tech. (Instrumentation & Control):** The candidates must have passed B.Tech. / B.E. in Electrical Engg. / Electrical & Electronics Engg. / Electronics & Instrumentation Engg. or equivalent degree with a minimum of 55% marks in aggregate from a recognized University.
3. **M.Tech (Power System & Drives):** The candidates must have passed B.Tech. / B.E. examination in Electrical & Electronics Engg./Electrical Engg. or equivalent degree with a minimum of 55% marks in aggregate from a recognized University.
4. **M.Tech. (Production & Industrial Engg):** The candidates must have passed B.Tech. / B.E. examination in Mechanical Engg. / Production Engg. or equivalent degree with a minimum of 55% marks from a recognized University.
5. **M.Tech.-(Machine Design) :** The candidates must have passed B.Tech. / B.E. examination in Mechanical Engg. / Production Engg. or equivalent degree with a minimum of 55% marks from a recognized University.
6. **M.Tech. (Structural Engg.):** The candidates must have passed B.Tech./B.E. examination in Civil Engg. or equivalent degree with a minimum of 55% marks in aggregate from a recognized University.
7. **M.Tech. (Environmental Engg.):** A candidate must have passed B.Tech. (Any Stream) or M.Sc. (Environmental Sciences).
8. **M.Tech. (Construction Technology & Management):** The Candidates must have B.Tech/B.E. Examination in Civil Engg. or B.Arch with a minimum 55% marks from a recognized University.
9. **M.Tech. (Biotechnology):** The candidates must have passed B.Tech. / B.E. examination in Bio-technology / Biochemical Engg. / M.Sc. in Life Science or equivalent degree with a minimum of 55% marks from a recognized University.
10. **M.Tech (Bioinformatics):** The candidates must have passed B.Tech. / B.E. examination in Bio-technology / Biochemical Engg. / B. Pharm. / M.Sc. in Life Science or equivalent degree with a minimum of 55% marks from a recognized University.

Department of Electrical Engineering

Address - Ground Floor, Academic Block I



MESSAGE FROM THE HEAD

The Department of Electrical Engineering promotes innovation, excellence in teaching and research and service to community. The department has experienced faculty members having exposure to academics, research and industry. The department has advanced software like, PSCAD, LABVIEW, MATLAB etc. Some of the faculty are serving as fellows of technical societies of repute. All faculty members have publications in peer reviewed international journals. The department has collaboration with central universities for promoting research activities. The passed out undergraduate and post graduate students of the department are engaged with power industry, automation industry, telecom industry, IT sector, banks etc. The department promotes the students to opt industry based projects and encourages the students to take part in various activities that help them in facing

challenges. All faculty members act as mentors of students.

DISTINGUISHED FACULTY

Prof. M. A. Mallick, Ph.D. PS & Drives

Prof. S. Mukherjee, Ph.D. Inst. & Control

Dr. A. J. Ansari Renewable Energy

PROGRAMMES OFFERED

B.Tech. (Electrical Engineering)

M.Tech. (Electrical Engineering), with specialization in

- Instrumentation & Control (Evening)
- Power System & Drives (Evening)
- Ph.D. (Electrical Engineering)

FACILITIES

Department has well equipped laboratories such as Electrical Simulation lab, EMEC Lab, Power System Lab, Electrical Engg. Lab, Network & System Lab, Power System Protection Lab, PLC & SCADA Lab, Control Lab, Drives Lab.

POPULAR COURSES

- Power System
- Electromechanical Energy Conversion
- Power Electronics
- Renewable energy and Grid integration
- Power System Protection
- Advance Control System

KEY SKILLS IMPARTED

- Automation (PLC & SCADA)
- Hardware Design
- Modelling and Simulation
- Auto CAD Electrical

For queries regarding a course in the Dept. of Electrical Engineering, please contact :

For B.Tech.- Mr. Akhlaque Ahmad Khan
akhlaque@iul.ac.in

For M.Tech.-Mr. Mirza Mohd. Shadab
mmshadab@iul.ac.in

For Ph.D.- Dr. Asif Jamil Ansari
ajansari@iul.ac.in

Department of Computer Science & Engineering

Address - First Floor, Academic Block-1



MESSAGE FROM THE HEAD

The Department of Computer Science & Engineering was established in September 1998. The department constantly strives to maintain and improve high standards in teaching and research. This endeavor has been successful in attracting and retaining highly skilled faculty members who are now steering the standards and relevance of the programmes being offered in the department. The undergraduate curriculum provides a strong foundation in all areas of Computer Science and Engineering. The department provides state of the

art computing facilities to the students. The basic aims of the department is to maintain excellence in academics as well as research. The department resources act as the nurturing ground for young professionals who can make their mark and create a talent pool for various industries. Apart from academic activities students are also put through rigorous corporate readiness programmes. The students of the department are placed in the reputed public & private sectors and are actively contributing in the nation building.

FACULTY STRENGTH

Teaching Staff:	34
Teaching & Supporting Staff:	12

DISTINGUISHED FACULTY

Dr. Deepak Kumar Singh, Ph.D

Dr. Deepak Singh, aged 36 years, has completed his doctorate from Indian Institute of Technology, Kanpur and has over six years' experience in the field of academics and IT industry. His core areas of expertise include learning management solutions, real life applications of artificial intelligence and embedded systems. Apart from teaching in a prominent University in



Lucknow, he is also a consultant to several IT firms. During his doctoral research tenure he was nominated as a member of Indian delegation for SAARC-IAESTE Internship Program, Japan. He has completed two research projects funded by Government of India. He has been nominated by various forums and associations in their committees. He has published more than 10 papers in various national/international journals and conferences.

Dr. M. Akheela Khanum, Ph.D

Dr. M. Akheela Khanum is a Ph.D. in the area of Usability Testing. She has more than a decade of experience in



academics which includes her academic and research career in prominent Indian and foreign universities. She has authored more than 30 research papers in international peer reviewed journals and IEEE conferences. She is a member of a number of professional societies including ACM. Her areas of interest include Software Engineering, Software Project Management, Cloud Computing and E-commerce.

Dr. Shish Ahmad, Ph.D

Dr. Shish Ahmad has done his Ph.D in Sensor Network Security. His total teaching experience is more than 14 years. He has guided several dissertation & projects at post graduate & undergraduate level respectively. He has published more than 18 research papers in national & international peer reviewed journals & conferences. He is member of editorial board & program committee members of various conferences. He is also a member of ISTE.

PROGRAMMES OFFERED

B.Tech. CSE

To graduate with a B.Tech. in Computer Science & Engineering students must complete a minimum of 200 credits of course work. Students

are required to do an internship for a minimum duration of 2 months, during the summer vacations after the third year.

B.Tech. CSE with Specialization in Cloud Technology & Information Security

To graduate with a B.Tech. in Computer Science & Engineering with specialization in Cloud Technology and Information Security, students must complete a minimum of 200 credits of course work. Students are required to do an internship for a minimum duration of 2 months during the summer vacations after the third year.

B.Tech.- M.Tech. - CSE Dual Degree

This is a full time 5 yr. course. After the completion of course, students are conferred with B.Tech. and M.Tech. degrees simultaneously.

M.Tech. CSE (Full Time)

M.Tech. full time program is of 2 years duration.

M.Tech. CSE (Evening)

M.Tech. evening program has the minimum duration of 3 years.

Ph.D.

A candidate seeking admission to the

Doctor of Philosophy (Ph.D.) in Computer Science & Engineering program must have passed M. Tech. or equivalent course with a minimum of 60% marks (or Grade Point of 6.5). The candidates admitted to Ph.D. programme shall be required to clear the course work comprising 2 courses.

FACILITIES

Programming Labs

The department has four programming labs. These labs have the compilers and software packages like Java, Visual Studio, C & C++. Students use this lab throughout their studies to learn about various technologies and softwares.

Computer Organization Lab

This lab is equipped with digital trainer kits to get a hands-on experience on the digital and logic gates of the computer system.

Software Engineering Lab

This lab is used to understand Software Engineering tools and technologies. It is equipped with software such as Rational Rose, MS-Visio and MS-Project.

Database Lab

This lab is used to understand various databases concepts. Oracle 10g and SQL Server are available in this lab.

Microprocessor Lab

This lab is equipped with advanced microprocessor kits which gives better understanding of the architecture of Microprocessor. Hands on exercises help in comprehensive learning of the subject.

Network Lab

This lab is well equipped with many networking devices such as LAN Trainer kit, routers, switch, managed switches and many more as well as various network simulators such as NetSim Packet Tracer for gaining experience and key skills about the networking and communication technologies.

Open Source Lab

This lab is well equipped with the various Open Source tools & technologies. Students can gain an insight to understanding open source technologies like Linux, Apache, MySQL & PHP.

Digital Image Processing

This lab can be used to understand the Digital Image Processing concepts. It is equipped with various DIP tools and software packages such as Sci Lab with SIVP.



Project Lab

This is a specialized laboratory for carrying out students' projects. It is well equipped with recent IDEs, tools and technologies along with varied form of servers viz Computing server, web server, FTP server, Print Server, mail server and many more.

Research & Development Lab

This lab is used for research and development purpose by the students and faculty. It has many statistical and research oriented tools like SPSS & MATLAB, Rational Rose, MS-Visio.

Departmental Library

The departmental library is fully air conditioned with a seating capacity of 50. The library is rich with 2768 books, 39 printed journals & 145 e-journals.

POPULAR COURSES

- Java Programming
- Digital Image Processing
- Software Project & Quality Mgmt.
- Visual Programming
- Cryptography & Network Security
- Software Testing

KEY SKILLS IMPARTED

- Programming Skills
- Software Development Skills
- Project Management Skills

For queries regarding a course in the Dept. of Computer Science & Engineering, please contact :

For B.Tech.- Dr. Shish Ahmad : shish@iul.ac.in

For M.Tech.- Mr. Mohd. Haroon : mharoon@iul.ac.in

For Ph.D. - Dr. M. Akheela Khannum : akheela@iul.ac.in

Department of Civil Engineering

Address – Ground Floor, Academic Block II



MESSAGE FROM THE HEAD

Since its inception in 2003 the Department of Civil Engineering has continuously upgraded itself in terms of academic performance, research and infrastructure to become one of the prominent Departments in the University. The Department is primarily recognized for its academic excellence with the presence of renowned faculty who have expertise in Structures, Transportation, Environment and Construction Management complimented by the presence of state-of-the-art laboratories to facilitate research. As per our commitment, the curriculum is based on industrial requirements as a result of which our students have been selected in various Public Sector Enterprises and various prominent organizations like L&T, American

Tower Corp, B.L Kashyap & Sons, Nagarjuna Construction Company etc. Besides this our students have also been placed internationally as part of campus recruitment in M/s Unitech-IKK, Abu Dhabi and Oman Tech Contract LLC, UAE which is a testimony to the professional readiness of the students of our department.

DISTINGUISHED FACULTY

Mr. Zishan Raza Khan, Structural Engineering (Head of Department)

Dr. Syed Aqeel Ahmad, Transportation Planning

Mr. Sabih Ahmad, Structural Engineering

Mr. Rajiv Banerjee, Environmental Engineering

PROGRAMMES OFFERED

B.Tech.

M.Tech.

Ph. D.

To obtain a Ph.D. degree in Civil Engineering, the students must

complete three mandatory courses (Research Methodology, Quantitative techniques and Computer application) and one theory paper prescribed by the Department. Thereafter, the scholar has to successfully present his/her progress in four/six (full time/ part time) RDC meetings.

FACILITIES

1. Hydraulic Machines Lab
2. Survey Field Work
3. Building Planning and Drawing
4. Material Testing Lab
5. Structural Analysis Lab
6. Environmental Engg. Lab
7. Geo-Technical Engineering Lab
8. Transportation Engg. Lab
9. Advanced Material Testing Lab
10. Computer Aided Design Lab



POPULAR COURSES

- Structural Engineering
- Environmental Engineering
- Construction Technology and Management

KEY SKILLS IMPARTED

- Structural Designing Skill
- Soil Investigation Skill
- Material Testing Skill
- Skill to conduct Survey for various Engineering Projects
- Learning Civil Engineering Software's Skills (STADD PRO, AUTO CAD, ANSYS, E-Tab etc.)
- Soft Skills and Overall Personality Development

PROFESSIONAL SOCIETIES

- Integral University Civil Engineering Society (IUCES) was established in 2009 and is actively involved in all-round personality development of students

- The Student Chapter of ASCE (American Society of Civil Engineers) will be inaugurated soon. Many alumni and students have joined since Sept. 2014

LABORATORIES

There are 10 labs viz. Structural Analysis Lab, Concrete Technology Lab, Material Testing Lab, Structural Detailing Lab, Building Planning and Drawing Lab, Geo-Technical Engineering Lab, Transportation Engineering Lab, Computer Aided Design Lab, Advanced Material Testing Lab.

DEPARTMENTAL LIBRARY

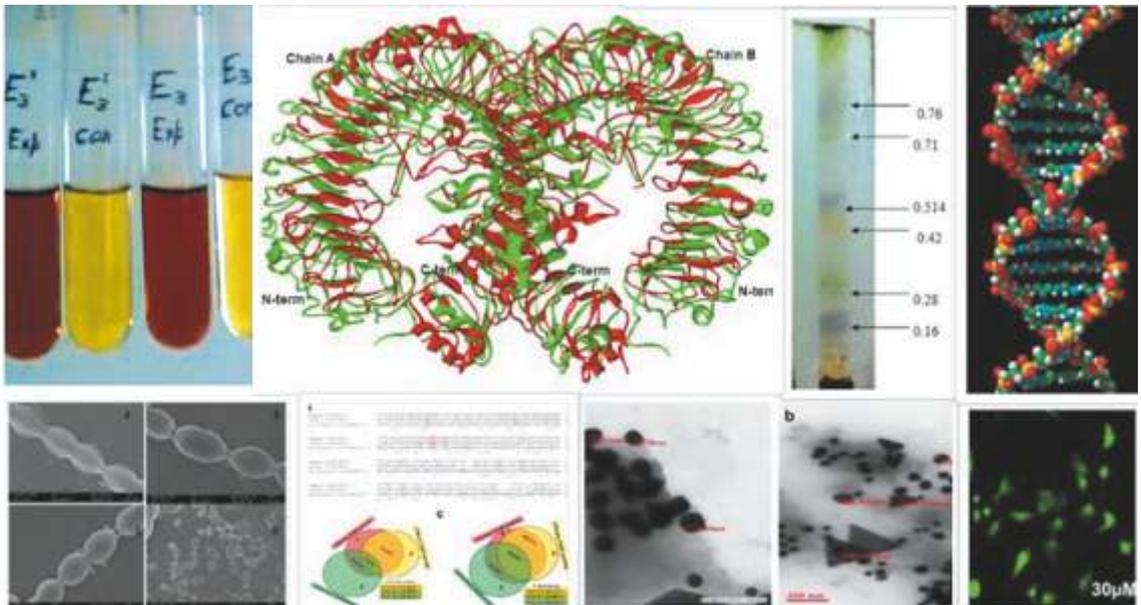
There are 366 books and 118 National & International Journals and 03 E-Journals including J-Gate, Springer, ASCE, NPTEL Lectures etc.

For queries regarding a course in the Dept. of Civil Engineering, please contact :

For B.Tech.-	Mr. Tabish Izhar :	tizhar@iul.ac.in
For M.Tech.-	Mr. Mohd. Kashif Khan :	mkkhan@iul.ac.in
For Ph.D. -	Mr. Sabih Ahmad :	sabih@iul.ac.in

Department of Bioengineering

Address - Second Floor, Academic Block-1



MESSAGE FROM THE HEAD

The Department of Bioengineering under the Faculty of Engineering is committed to apply biological principles to biological sciences in order to develop systems and processes that will prove to be beneficial for the society. The faculty members are fully dedicated and committed in order to achieve this uphill task with the available state-of-the-art infrastructure and facilities. The department has fully equipped research laboratories and well qualified faculty members having doctoral, post doctoral degrees in engineering and research trainings from India and abroad. The department is working in the area of genetic engineering, infectious diseases, targeted drug delivery systems, nanobiotechnology, cancer biology, molecular immunology, bioinformatics, plant biotechnology, computational and system biology, animal biotechnology, microbiological engineering, fermentation technology, mathematical modelling and simulation, bioprocess engineering and controls etc. The faculty members and research scholars associated with the department have published more than 150 research papers in different national and international journals having high impact factor, citation index and H index. The department has the privilege of receiving research grants from various reputed

national and international funding agencies. The students of this department are highly sought after by Biotechnology-based and allied sector companies.

DISTINGUISHED FACULTY

Dr. Mohd. Haris Siddiqui

Fermentation Technology, Bioprocess and Bioinformatics

Dr. Iffat Zareen Ahmad Plant and Algal Biotechnology and Biochemistry

Dr. Snober S. Mir

Biotechnology, Molecular and Cell Biology, Cancer Biology

Dr. Mohd Aslam Yusuf

Cancer Biology, Plant Molecular Biology, Genetic Engineering, Transgenic Plants

PROGRAMMES OFFERED

B.Tech.

To graduate with a B.Tech. in Biotechnology/ Food Technology / Bio Medical Engineering students must complete a minimum of 200 credits of course work. Students are required to complete their dissertation for a minimum duration of 6 months, during the VIII semester.

M.Tech.

To graduate with an M.Tech. in Biotechnology/ Bioinformatics students must complete the minimum prescribed credits of course work. Students are required to



complete their dissertation for a minimum duration of 6 months, during the IV semester.

Ph.D.

To graduate with a Ph.D. degree students are required to successfully complete the Course work as per UGC regulations. After the accomplishment of proposed objectives with a minimum of 6 successful RDC presentations, prescribed peer reviewed SCI indexed research paper publications in first authorship, the candidate will be allowed for submission of thesis and subsequently Viva-Voce Examination.

FACILITIES

- Bioinformatics Laboratory
- Immunotechnology Laboratory
- Downstream Processing Laboratory
- Fermentation Technology Laboratory
- Plant Tissue Culture Laboratory
- Molecular Biology lab
- Microbiological Engineering Laboratory
- Biochemistry and Environmental Biotechnology Laboratory

- Biosciences Laboratory
- Microbiology Laboratory
- Bioprocess Engineering Laboratory
- Central Instrumentation Facility
- Genetic Engineering Laboratory
- Computational Biology Laboratory
- Animal Tissue Culture Facility

POPULAR COURSES

- Bioprocess Engineering & Fermentation Technology
- Immunotechnology & Microbiological Engg.
- Bioinformatics & Computer-Aided Drug Design
- Plant and Animal Tissue Culture
- Nanobiotechnology
- Medical and Animal Biotechnology
- IPR, Biosafety and Bioethics
- Environmental and Pharmaceutical Biotechnology

KEY SKILLS IMPARTED

- Complete amalgamation of theoretical and practical exposures
- Bioentrepreneurship Training

- Hands-on-Training on Bioreactors, Handling Plant and Animal Cell Culture systems, Computational Biology and molecular biology tools and instruments.
- Bioethics and Biosafety awareness and excellence
- In-depth application of theoretical skills from initial concept development through analysis, design and report writing thereby replicating the process demanded by bioengineers in practice.

For queries regarding a course in the Dept. of Bioengineering, please contact :

For B.Tech.- Dr. Mohd. Kalim Ahmad Khan : mkakhan@iul.ac.in

For M.Tech. - Dr. Alvina Farooqui alvina@iul.ac.in

For Ph.D. - Dr. Iffat Zareen Ahmad iffat@iul.ac.in

Department of Electronics & Communication Engineering

Address - First Floor, Academic Block-II
Year of Establishment: 1998



PROGRAMMES OFFERED

- B.Tech. (Electronics & Communication)
- Dual Degree (Solar Photovoltaic Engineering)
- M.Tech. (Electronics Circuits & systems)
- M.Tech. (Renewable Energy Technology)
- Ph.D.

MESSAGE FROM THE HEAD

Since 1998 the department has been consistent in its effort to impart quality technical education and to promote the growth of effective and true professionals in the field of electronics & communication. We, at the department, aim at blending theory and knowledge into practice. The alumni of the department have been contributing towards the growth of innumerable organizations in the sectors of Hardware, Software, Telecom, Robotics, Embedded systems, and in government organizations like ISRO, HAL, Indian Army and Academia. We have motivated faculty with diverse expertise, well equipped laboratories, and industry & alumni

interactions to prepare students for the industrial environment. Our UG program is accredited by NBA since 2007. The updated curriculum is designed specially for industrial requirements.

DISTINGUISHED FACULTIES

Prof.(Dr.) T.Usmani, Solar/Renewable Energy

Prof.(Dr.) S.H.Saeed, Instrumentation & Control

Dr. M.Y. Yasin, Electronic Circuits/VLSI

Dr. Savita Maurya, ALD, VLSI, Fiber optics

SEMINARS WORKSHOPS ORGANIZED

- National Conference on "Emerging Trends on Non-Conventional Energy Resources" ETNCER-16 on October 22, 2016.
- National Seminar on "Power of Setting Goals" by Senior Manager IBM, Pune and Dean JIT, Barabanki on August 26, 2016.
- IEEE Student's Chapter Two days National Workshop on "Energy Conservation and Energy Audit ECEA-16 on FEB 26, 27 2016.
- IEEE Student Chapter National Workshop on "Entrepreneurship options in the field of engineering and Internet of Things", EOFEIOT-16 on JAN 25, 2016.

- IEEE Student's Chapter workshop on "Recent Trends in Communication Engg. and Image Processing".

FACILITIES

- Electronics Circuits Lab
- Electronics CAD Lab
- Digital Electronics Lab
- Electronics Workshop/ Project Lab
- Measurement and Instrumentation lab
- Integrated Circuits Lab
- DSP+ Digital Communication Lab
- Optical and Microwave Lab
- Industrial Automation lab
- Image processing & Multimedia Lab
- Enriched Deptt. library with E learning resources from IEEE, J-Gate, Springer, Oxford & NPTEL
- Professional Societies (IEEE, ISTE, Robotics Society)

POPULAR COURSES

- Image Processing
- Digital/ Wireless Communication
- Integrated Circuits
- Solar Engineering
- Automatic Control System

KEY SKILLS IMPARTED

- Programming Skills
- Electronics System (Circuit) Design
- Digital/ Wireless Communication system
- Soft Skills and overall personality development

For queries regarding a course in the Deptt. of Electronics & Communication Engg., please contact :

For B.Tech. - Mr. I. U. Khan
ukhan@iul.ac.in

For M.Tech. - Mr. S. Kumar
skumar@iul.ac.in

For Ph.D - Dr. Savita Maurya
savitam@iul.ac.in

Department of Mechanical Engineering

Address - Ground Floor, Academic Block I



MESSAGE FROM THE HEAD

The Department of Mechanical Engineering was established in the year 1999. Since its inception, the department has been known for its quality teaching and well established infrastructure which led to the NBA accreditation in the year 2009. To provide wide spectrum to the students and to promote their problem-solving skills, the department offers a number of optional courses in the form of electives and open electives. The department strives to impart high quality education that enables students to become leaders in their specific chosen profession. The department has a team of highly experienced and qualified faculty members. The department has well equipped laboratories and state-of-the-art workshop. I am excited to see what the future holds for our department and invite you to join us in this incredible journey.

DISTINGUISHED FACULTY

- Dr. P. K. Bharti, Quality Management, Production Engg.
- Dr. Shahnawaz Alam, Production Engg.
- Dr. Mohd. Anas, Design
- Dr. N.A. Siddiqui, Maintenance Management
- Dr. Ather Hussain, Drilling For Exploration, Manufacturing Technology

PROGRAMMES OFFERED

- B.Tech. (Mechanical Engineering)
(Regular/Evening Course)
- M.Tech. in Production & Industrial Engineering
(Regular/Evening Course)
- M.Tech. in Machine Design (Evening Course)
- Ph.D. (Mechanical Engineering)

FACILITIES

- Department has well equipped laboratories and state-of-the-art workshop.
- Fluid Machinery Lab
 - Ref. & Air conditioning Lab
 - Material Science Lab
 - Heat and Mass Transfer Lab
 - Workshop

POPULAR COURSES

- Computer-Aided Design
- Computer-Aided Manufacturing
- Six Sigma Methods, Approach and Applications
- LASER Systems and Applications
- Drilling Technology for Water, Oils and Minerals Exploration

KEY SKILLS IMPARTED

- Analytical Skill
- Technical Skill
- Experimental Skill
- Soft skill and overall personality development

For queries regarding a course in the Dept. of Mechanical Engineering, please contact :

For B.Tech. - Mr. A.A. Khan
aahed@iul.ac.in

For M.Tech. - Dr. S.Alam
alamshah@iul.ac.in

For Ph.D. - Dr. M.S. Khan
mdsadb@iul.ac.in

Faculty of Science



UNDERGRADUATE COURSES

(A) COURSES OF STUDY

Course	Discipline	Duration
B.Sc. (Hons.)	Biotechnology	3 yr.
B.Sc. (Hons.)	Industrial Chemistry	3 yr.
B.Sc. (Hons.)	Life Sciences	3 yr.
B.Sc.	Physics, Maths, Computer Science	3 yr.
B.Sc.	Physics, Maths, Electronics	3 yr.
B.Sc.	Environmental Science	3 yr.

(B) ELIGIBILITY

- B.Sc. (Hons.) Biotechnology: (10+2) or equivalent with Physics, Chemistry & Biology / Biotechnology with minimum 50% marks in the aggregate from recognized Board / University.
- B.Sc. (Hons.) Industrial Chemistry: (10+2) or equivalent in Science with Chemistry as one of the subjects with minimum 50% marks in the aggregate from recognized Board / University.
- B.Sc. (Hons.) Life Sciences: (10+2) or equivalent with Physics, Chemistry & Biology/ Biotechnology with min. 50% marks in the aggregate from a recognized Board/University.
- B.Sc. (Physics, Mathematics, Computer Science & Electronics): (10+2) or equivalent in Science with minimum 50% marks in the aggregate from recognized Board/ University.

- B.Sc. - Environmental Science : (10+2) or equivalent with Physics, Chemistry & Biology/ Biotechnology/ Maths with min. 50% marks in the aggregate from a recognized Board/University.

POSTGRADUATE COURSES

(A) COURSES OF STUDY

Course	Discipline	Duration
M.Sc.	Biochemistry	2 yr.
M.Sc.	Bio-informatics	2 yr.
M.Sc.	Biotechnology	2 yr.
M.Sc.	Industrial Chemistry	2 yr.
M.Sc.	Environmental Science	2 yr.
M.Sc.	Mathematics	2 yr.
M.Sc.	Microbiology	2 yr.
M.Sc.	Physics (Specialization Electronics)	2 yr.
PGDISHE	Environmental Science	1 yr.

(B) ELIGIBILITY

- M.Sc. (Biochemistry): The candidate must have passed B.Sc. / B.Sc. (Hons.) with Life Sciences / Biological Sciences / Biochemistry/ Biotechnology / Microbiology / Agriculture / B.V.Sc. with a minimum of 50% marks in the aggregate from a recognized University.
- M.Sc. (Bio-informatics): The candidate must have passed B.Sc. / B.Sc. (Hons.) with Life Sciences / Biological Sciences / B.Tech. / B.E. / B.Pharm. / B.V.Sc. / Biochemistry /



Biotechnology with minimum 50% marks from a recognized university.

- **M.Sc. (Biotechnology):** The candidate must have passed B.Sc. with Biotechnology / Biological Science / Life Sciences / Agriculture / B.V.Sc. / B.Sc. (Hons.) Biotechnology with a minimum of 50% marks in the aggregate from a recognized University.
- **M.Sc. (Industrial Chemistry):** The candidate must have passed B.Sc. / B.Sc. (Hons.) with Chemistry with a minimum of 50% marks in the aggregate from a recognized University.
- **M.Sc. (Environmental Science):** The candidate must have passed B.Sc. / B.Sc. (Hons.) with Zoology/ Botany/ Chemistry/ Life Sciences / Biological Sciences / Biotechnology / Agriculture with a minimum of 50% marks in the aggregate from a recognized University.
- **M.Sc. (Mathematics):** The candidate must have passed B.Sc. / B.Sc.

(Hons.) (Mathematics should be a compulsory subject up to final year) with a minimum of 50% marks in the aggregate from a recognized University.

- **M.Sc. (Microbiology):** The candidate must have passed B.Sc. / B.Sc. (Hons.) with Biological Science / Life Sciences / Biotechnology / Microbiology / Agriculture / B.V.Sc. with a minimum of 50% marks in the aggregate from a recognized University.
- **M.Sc. (Physics):** The candidate must have passed B.Sc. / B.Sc. (Hons.) (Physics should be a compulsory subject up to final year) with a minimum of 50% marks in the aggregate from a recognized University.
- **P.G. Diploma in Industrial Safety Health & Environment:** The candidate must have bachelor degree of Engg. in any branch/ B.Sc. with a minimum of 50% marks in the aggregate from a recognized University.

DOCTOR OF PHILOSOPHY (Ph.D.) PROGRAMME

A separate entrance test shall be conducted for admission to the Ph.D. programme.

Department of Chemistry

Address - First Floor, Academic Block III



MESSAGE FROM THE HEAD

The Department of chemistry started in 1998 since the inception of Integral Institute of Technology and then full-fledged Integral University in 2004. You will find here inspiring teachers, enthusiastic students and talented researchers. We offer undergraduate and post graduate programmes in Industrial Chemistry and doctoral programme in all disciplines of Chemistry. The programmes have interdisciplinary links with the Departments of Biosciences, Bioengineering, Pharmacy, Environmental Science and Medicine etc. Our faculty who are routinely recognized in their fields of inquiry, with teaching faculty and technical staff who excel and garner university acclaim for their achievements. Our students are integral to the learning that transpires in Chemistry and we maintain high standards for both our

instructors and students.

The labs for teaching and research allow students and faculty to safely conduct important and challenging experiments. There is magnificent lab space for students, working in their own fume hood, and taught with the latest in teaching technologies. We have large, new, fully equipped University Sciences Instrumentation Center for every type of chemical analysis. We have MoUs with CSIR laboratories like CDRI, IITR, NSRI, CIMAP etc. for collaborative research. We invite you to explore our web site, enroll in our courses, join our graduate and post graduate program, carry out cutting-edge research, engage our faculty and staff and enter the diverse and interesting world of Chemistry. I hope you will join our community of chemistry scholars, make the most of the opportunities we offer, and build a rewarding career.

DISTINGUISHED FACULTY

- Prof. Abdul Rahman Khan**, Ph.D., PDF
(Florida A & M University, USA) & Senior Scientist
(Neopharm Inc., USA)
Area of expertise: Organic Chemistry, Synthetic Chemistry
- Minaxi B. Lohani**, SET, Ph.D.
Area of expertise: Analytical Chemistry
- Malik Nasibullah**, NET, GATE, Ph.D.
Area of expertise: Chemistry (Industrial Applications)
- Zulfiqar Ali**, Ph.D.
Area of expertise: Environmental Chemistry
- Naseem Ahmad**, Ph.D.
Area of expertise: Industrial Chemistry
- Firoz Hassan**, Ph.D.
Area of expertise: Industrial Chemistry
- Parvez Ali**, Ph.D.
Area of Expertise: Physical Chemistry
- Sandeep Gupta**, NET, GATE, Ph.D.
Area of Expertise: Nano Technology

PROGRAMMES OFFERED

B.Sc. (Hons.) Industrial Chemistry:
To graduate with a B.Sc. (Hons.) in Industrial Chemistry degree, students must complete a minimum of 146 credits of course work. Students are required to do project training for a minimum duration of 3 months in the third year.



M. Sc. (Industrial Chemistry)

To graduate with a M.Sc. in Industrial Chemistry degree, students must complete a minimum of 92 credits of course work. Students are required to do Industrial training project for a minimum duration of 3 months in the second year.

Ph.D.

To obtain a Ph.D. degree in Chemistry, the student must complete two mandatory courses (Research Methodology & Analytical Technologies) and one course prescribed by the department. Thereafter, the scholar has to successfully present his/her progress of research in minimum four/six (full time/part time) RDC meetings.

FACILITIES

- B.Sc. (Industrial Chemistry Lab): The Undergraduate Laboratory is equipped with Instruments like pH meter, conductivity meter, Physical, Electronic Balance & KF Titre etc.
- M.Sc. (Industrial Chemistry Lab): The

Post Graduate Laboratory is equipped with Spectrophotometer, Incubator, Rotavapor with Chiller, BOD & COD apparatus, UV Light Detector etc.

- **Research Lab:** The Research Laboratory is equipped with all sophisticated instruments supported by Integral Information Research Centre (having Departments like University Science Instrumentation Centre and Intellectual Property Right Management Cell).

The Department also has R&D collaboration with Central Drug Research Institute (CDRI-CSIR), Lucknow, Indian Institute of Toxicology Research (IITR-CSIR), Lucknow, Central Institute of Medicinal & Aromatic Plants (CIMAP-CSIR), Lucknow and Indian Institute of Sugarcane research (IISR), Kanpur.

POPULAR COURSES

- B.Sc. (Hons) Industrial Chemistry
- M.Sc. Industrial Chemistry
- Ph.D.

KEY SKILLS IMPARTED

- Preparing and delivering presentations
- Communication of knowledge to others
- Hands-on training & Project Report writing
- Leadership and team skills
- Data collection and analysis

For queries regarding a course in the Dept. of Chemistry, please contact :

For B.Sc. (Hons.) in Industrial Chemistry :

Dr. Firoz Hussain : firoz@iul.ac.in

For M.Sc. in Industrial Chemistry :

Dr. Malik Nasibullah: malik@iul.ac.in

For Ph.D. :

Prof. Abdul Rahman Khan
arahman@iul.ac.in

Department of Biosciences

Address - Second Floor, Academic Block I



MESSAGE FROM THE HEAD

Department of Biosciences was established to initiate an academic program based on biological sciences with a thrust to generate a trained workforce to meet the demands of the society. We make best efforts to deliver excellent teaching and research across the broad spectrum of modern biological sciences. The students are well trained in multi-dimensional areas of research which reflects the expertise, creativity and initiative of the faculty. Though a young department we have done outstandingly well to develop the scientific temper that can be utilized for the potential benefit to

humankind. Our faculty members also collaborate with national/ international experts for joint research, hand-on trainings and public lectures are increasingly harnessing the zeal to attract the best of the very best.

DISTINGUISHED FACULTY

Prof. (Dr.) Jamal Arif,

Biochemistry & Cancer Prevention

Dr. Neelam Pathak, Molecular Biology

Dr. Mohtashim Lohani, Toxicology

Dr. Rolee Sharma, Immunology

Dr. Priti Bajpai, Immunology

Dr. Mohd. Salman Khan, Biochemistry

Dr. Mohd. Sajid Khan, Nanotechnology

Dr. Saheem Ahmad, Glycation Biology

PROGRAMMES OFFERED

B.Sc.

To graduate with a B.Sc. in Biotechnology/Life Sciences students must complete a minimum of 146 credits of course work. Students are required to do in house training during sixth semester.

M.Sc.

To obtain a M.Sc. degree in Biochemistry/ Biotechnology/ Bio-informatics/ Microbiology, students must complete a minimum of 92 credits of course work. Students are required to do project training in educational/research institutes for 4 month duration in the fourth semester.



Ph.D.

To obtain a Ph.D. degree in Biotechnology/ Biochemistry/ Microbiology/Bioinformatics, the students must complete two mandatory courses (Research Methodology & Quantitative techniques and Computer application) and one theory paper prescribed by the department. Thereafter the scholar has to successfully present his/her progress in minimum four/six (full time/ part time) RDC meetings.

FACILITIES

The Department has well-equipped laboratories with state of the art facilities for Microbiology, Biosciences, Biochemistry, Plant and Animal cell culture. The sophisticated instruments

include high speed refrigerated centrifuges, UV spectrophotometers, Fermenter, CO₂ incubator, Gel apparatus, Gel documentation system, ELISA reader, PCR, Fluorescent and inverted microscopes.

Special Research Grants received

The Department receives research grants from various organizations like DBT, DST, ICMR UP-CST and UP-BDB. All M.Sc. students undergo summer training in National Research laboratories, Central and State Universities in India.

POPULAR COURSES

- Molecular Biology
- Genetic Engineering
- Animal Cell Culture

- Industrial Microbiology
- Biophysical Techniques
- Immunology

KEY SKILLS IMPARTED

- Advanced Laboratory Skills in Biological Sciences
- Hands-on training/Project work
- Presentation/Communication skills

For queries regarding a course in the Dept. of Biosciences, please contact :

For B.Sc. - Dr. Priti Bajpai :
pbajpai@iul.ac.in

For M.Sc. - Dr. Mohd. Salman Khan :
mskhan@iul.ac.in

For Ph.D. - Dr. Rolee Sharma :
rsharma@iul.ac.in

Department of Environmental Science

Address - Second Floor, Academic Block-IV



MESSAGE FROM THE HEAD

The Department of Environmental Science acts as a nodal centre for providing teaching support to various departments in the university for courses like environment science and disaster management. It provides interface between academia and industry for finding solutions to the climate change and environmental issues. Presently, the Department offers the Ph.D. degree program along with postgraduate and undergraduate courses like M. Sc. and B. Sc (Hons.) in Environmental Science. The Department has experienced permanent and visiting faculty members. The major research areas are basic and applied ecology, environmental pollution, climate change and biodiversity, environmental impact assessment (EIA), bio-remediation, environmental

toxicology, waste management, Remote Sensing/GIS etc.

DISTINGUISHED FACULTY

Prof. (Dr.) Monowar Alam Khalid, HoD

Area of expertise: Climate Change, Environmental Pollution, Faunal, Floral and aquatic Biodiversity, Disaster Management, Natural Resource Management, Environmental Impact Assessment, Forestry Carbon Inventorization etc.

Dr. Amina Jafri

Dr. Rahila Rahman Khan

Dr. Riyazuddeen Khan

PROGRAMMES OFFERED

1. Ph.D : Environmental Science
2. M. Sc: Environmental Science
3. B. Sc (Hons.): Environmental Science
4. P.G. Diploma in Industrial Safety, Health and Environment (PGDISHE)

FACILITIES

- Well equipped Environmental Lab

- Central Instrumentation facility
- Wi-Fi facility
- Departmental Library
- Smart – Classrooms

INDIAN COLLABORATIONS

- Indian Institute of Toxicological Research, Lucknow
- Aligarh Muslim University, Aligarh
- National Botanical Research Institute, Lucknow
- King George Medical University, Lucknow
- Biotech Park, Lucknow
- Jamia Hamdard, New Delhi

KEY SKILLS IMPARTED

- Training in data collection, analysis and interpretation of environmental problems
- Encouraging independent scientific and technical research on environmental issues, biodiversity and climate change.
- Preparing candidates for industry and academia for sustainable solutions to environmental problems

For queries regarding a course in the Department of Environmental Science, please contact :

Prof. (Dr) M. A. Khalid
headenvi@iul.ac.in/ makhlid@iul.ac.in

Department of Physics

Address – Second Floor, Academic Block III



MESSAGE FROM THE HEAD

The Department of Physics was established in the year 1998. The department is among the first few departments since the inception of the Integral University (erstwhile Institute of Integral Technology). With a distinguished record our goal is to impart high-quality education and research. Several faculty members of the department have been recipients of teaching/research awards from the University and other scientific societies. We have energetic talented and sincere faculty that provides students with an outstanding and rigorous educational experience. We also offer project-based undergraduate/ Postgraduate programmes with opportunities for campus-wide or off-campus projects. M.Sc. and Ph.D. programs in Physics are organized around two main areas: Soft-Matter/ Biophysics/ Macromolecular Physics and Nanoscience /Nanotechnology.

DISTINGUISHED FACULTY

Dr. Vishal Singh Chandel, Liquid Crystal, Ceramics, Photonics

Dr. Mohd. Asim Siddiqui, Alkali Titanates, Ceramics

PROGRAMMES OFFERED

B.Sc.

To graduate with a B.Sc. degree (in Physics, Mathematics, and Electronics) students must complete minimum of 146 credits of course work. Students are required to do a project work of the duration of three months in third year, sixth semester.

M.Sc. Physics (Specialization in Electronics)

To graduate with a M.Sc. degree in Physics students must complete minimum of 92 credits of course work. Students are required to do a project work of duration three months in second year, fourth semester.

Ph. D.

To obtain a Ph.D. degree in Physics, the students must complete two mandatory courses (Research

Methodology & Quantitative techniques and Computer application) and one theory paper prescribed by the department. Thereafter the scholar has to successfully present his/her progress in RDC meetings.

FACILITIES

- Optics Lab
- Electronics Lab

POPULAR COURSES

- Mathematical Physics
- Quantum Mechanics
- Classical Mechanics
- Electromagnetic Theory
- Physics of Nanomaterials

KEY SKILLS IMPARTED

- Compulsory project for PG Students
- Regular CSIR/NET/GATE Classes & Mock Test
- Communication skills through seminars, presentations

For queries regarding a course in the Department of Physics, please contact:

For B.Sc.- Ms. Tahira Khatoun :
tahira@iul.ac.in

For M.Sc.- Dr. Seema Srivastava :
seemaiu@iul.ac.in

For Ph.D.-Dr. V. S. Chandel :
headphy@iul.ac.in

Department of Mathematics

Address – Second Floor, Academic Block III



MESSAGE FROM THE HEAD

The Department of Mathematics is considered to be one of the most vibrant in the Faculty of Science. The Department offers B.Sc. (PMC), M. Sc. and Ph.D. Programmes and is engaged in teaching applied & advanced Mathematics at undergraduate & postgraduate levels for engineering, bioengineering, bio sciences, pharmacy, agriculture, business management and computer application departments.

The rigorous exposure of Mathematics & Operations Research is aimed to equip the students with theoretical and analytical technical knowledge. It also aims to inculcate in the expertise by using the latest complete packages in different fields of mathematics and statistics. This will enable the students to perform in a better way in public and private sector organisations.

DISTINGUISHED FACULTY

Dr. Zubair Khan, Ph.D

Head of the Department

Area of expertise: Variational Inequalities and Equilibrium Problems

Prof. Aqil Ahmad, Ph.D.

Professor of Eminence

Area of expertise: Statistical Inference, Econometrics, Sampling Theory, Measure Theory, Stochastic Process

Dr. Mobin Ahmad

Area of Expertise: Differential Geometry

Dr. Quazzafi Rabbani, Ph.D.

Area of expertise: Optimization Techniques

Dr. Abdul Wadood Khan, Ph.D.

Area of expertise: Fluid Dynamics

Dr. Shadab Ahmad Khan, Ph.D.

Area of expertise: Differential Geometry

PROGRAMMES OFFERED

B.Sc. (PMC)

To graduate with a B.Sc. degree (in Mathematics, Physics and Computer Science) students must complete a minimum of 146 credits of course work. Students are required to do a project work of duration 3 months in 3rd year, 6th Semester.

M. Sc.(Mathematics)

To graduate with a M.Sc. degree in Mathematics, students must complete a minimum of 92 credits of course work including project report in the final semester.

Ph.D.

To obtain a Ph.D. degree in Mathematics, the students must complete one mandatory course (Research Methodology) and one theory paper prescribed by the department. Thereafter the scholar has to successfully present his/her progress in RDC meetings.

FACILITIES

Departmental Library is equipped with a large number of books along with latest configuration computer systems with internet facilities.

KEY SKILLS IMPARTED

- Provide research in different fields of Mathematics/Statistics/ Operations Research.
- Provide atmosphere for competitive exams.

For queries regarding a course in the Department of Mathematics, please **contact :**

For B.Sc. - Dr. Shadab Ahmad Khan :
sakhan@iul.ac.in

For M.Sc. - Dr. Malik Rashid Jamal :
mrjamal@iul.ac.in

For Ph.D. - Dr. Zubair Khan :
headmath@iul.ac.in

Faculty of Architecture

Address - Academic Block - IV



MESSAGE FROM THE HEAD

Study of Architecture, concerned with design and construction of buildings, offers a wide range of career opportunities in government and private sector. However, the most endearing option, preferred by architects, is self-employment, where in addition to equitable financial rewards, the profession ensures the satisfaction of the development of economic and rural uplift, recognized by economic planners and social, scientists, it now provides unlimited employment opportunities in the new scheme of major thrust areas of all governmental policies.

Faculty of Architecture, Integral University runs 4+1-years undergraduate degree programmes in architecture leading to the award of Degree of Architecture. The B.Arch. course of the University is duly recognized by the Council of

Architecture, India. In addition, the Faculty also has post graduate programmes, both full and part- time, and a research programme (Ph.D.) for candidates having academic and research interests.

DISTINGUISHED FACULTY

Prof. Subodh Shankar, Professor Design Chair & Dean

Khurram Ashraf, Associate Professor & Head

PROGRAMMES OFFERED

B. Arch.

The curriculum of B. Arch. undergraduate programme lays stress on creative development, visual communication and the technical inputs necessary for an architect. In consonance with the state-of-the-art infrastructure available in the University, the emphasis on knowledge of architectural software and the wide variety of electives offered, ensure for the students' diversification to other career options and better placements.

The degree holders in architecture have 100% placement-salaried on self employment.

B.Plan.

The Bachelor of Planning program at Integral University is one of the few courses in the country, imparting planning education at the undergraduate level. The ongoing haphazard growth of Indian towns has necessitated the immediate need for professionals who could retrofit and re-plan the existing cities and also plan new towns and cities considering the contemporary socio economic requirements of the 21st century. The B. Plan program equips students with the essential skills, knowledge base and attitude required to enter into a profession which combines analytical skills along with a strong

understanding of socio-cultural and economic context. This blend of the social sciences, economics and technical knowledge of various planning specializations (transportation, environment, development legislation and policies, infrastructure, etc.) is imparted over a period of four years.

M. Arch.

M. Arch. full time Program is a 4 semester course and M. Arch Part Time Program is a 6 semester course. Ph.D.

A separate entrance test shall be conducted for admission to the Ph.D. programme. An advertisement of this test shall be published in prominent news papers/University website accordingly.

MODE OF ADMISSION

To get admission into B. Arch. program, the student must fulfill the following conditions:



- 10+2 or equivalent with minimum 50% marks along with compulsory subject of mathematics; OR
- 10 + 3 year's diploma in any stream from a recognized University/ Board/ Institution; AND
- Qualified
 - (i) The NATA (National Aptitude Test in Architecture) conducted by the Council of Architecture; OR
 - (ii) The All India Engineering Entrance Examination (AIEEE)/JEE/ Equivalent - B.Arch. Entrance Examination
 - (iii) The Uttar Pradesh State Entrance Examination (UPSEE)-B. Arch conducted by Dr.APJ Kalam Technical University
 - (iv) Any other Entrance Examination approved by the Council of Architecture

FACILITIES

Computer Lab (CAD)

Lab is equipped with 70 high configuration terminals and loaded

with latest licensed architectural software. Plotter and scanning facility is also available.

NATA is also conducted in Architecture Department since 2007.

Departmental Library

Library is well equipped with modern learning facilities. The number of volumes available are approximately 3500 and titles approximately 2500 maintained as per guidelines of Council of Architecture. The seating capacity of library is 100. OPAC and e-learning facility is also available. Apart from Departmental Library, Central Library is also available.

Survey Lab

Survey instruments are available as per two modules of intake. In addition, department also shares Civil Engineering Survey lab which has a facility of total station also.

Construction Yard

To make students aware of practical application of theory.

Material Museum

For better exposure to new materials and construction techniques material museum is available which is enriched time to time.

Model Making/ Exhibition

The departmental museum is well equipped with model making tools; instruments etc. and have ample space for working and exhibition.

Photography Lab

Well equipped for enhancing visual perspective.

National Association of Student of Architecture (NASA) Activity Hall:

For encouraging extracurricular activities, a space has been earmarked for motivating participation of students and for their morale boosting.

KEY SKILLS IMPARTED

- Environmental Design
- Building Design
- Landscape Design
- Urban Design
- Building Constructions
- Building Services
- Building Information Modeling
- Computer Aided Design

For queries regarding a course in the Faculty of Architecture, please contact:

For B.Arch. - Safiullah Khan :
safi@iul.ac.in

For B.Plan. - Abdul Raouf :
araouf@iul.ac.in

For M.Arch. - Arshad Abideen :
maaansari@iul.ac.in

For Ph.D. - Zeba Nisar :
zeba@iul.ac.in

Faculty of Pharmacy

Address – Pharmacy Block, Integral University



MESSAGE FROM THE DEAN

Novel approaches to treatment of diseases and new medications in the market over the past decade has contributed in a big way in the rapidly growing health care sector. The pharmaceutical industry in India is expected to be worth \$45 billion by the year 2020.

A qualified pharmacist provides innumerable job opportunities that no other discipline may offer.

Pharmacy has established itself as a dignified profession and in a hospital environment, a pharmacist is an important member of the health team. Fields like drug design, drug discovery & development and its manufacture are rewarding avenues. As an academican or in industry, from sales and marketing to control of drugs, the sky is the limit for a pharmacist.

The faculty of pharmacy boasts of highly qualified and experienced faculty that shall impart the knowledge and skills required to make you a competent pharmacy professional.

DISTINGUISHED FACULTY

Prof. Hefazat Hussain Siddiqui, Ph.D

Dr. Syed Misbahul Hasan, Ph.D

Dr. Tarique Mahmood Ansari, Ph.D

STATUTORY APPROVAL

All the courses of Pharmacy are approved by the Pharmacy Council of India

PROGRAMMES OFFERED

D.Pharm. : Diploma in Pharmacy (D.Pharm.) is a full time regular course of two (02) academic years.

B.Pharm. : Bachelor of Pharmacy (B.Pharm.) is a full time regular course of four (04) academic years duration based on semester system.

B.Pharm. (Lateral Entry) : Lateral entry admission to B.Pharm. (Second Year) is available.

Pharm. D. : Doctor of Pharmacy (Pharm D.) is a full time regular course of 6 academic years duration (5 years of study and 1 year of internship of residency)

Pharm.D. (Post Baccalaureate): The duration of the course is 3 academic years (2 years of study and 1 year internship of residency)

M.Pharm.: Master of Pharmacy (M.Pharm.) is offered in the following disciplines:

- Pharmacology
- Pharmaceutics

M.Pharm. is a full time regular course of 2 academic years duration based on Semester System.

DOCTOR OF PHILOSOPHY (Ph.D.) PROGRAMME

A separate entrance test shall be conducted for admission to the Ph.D. programme. Separate notification will be released in the month of July.

FACILITIES

- Central Instrumentation lab.

The central instrumentation facility (CIF) of the Faculty is equipped with modern equipments needed for research in Pharmaceutical sciences like HPLC, UV spectroscopy etc.



- Pharmaceutics lab
- Herbal Garden
- CPCSEA approved Animal House & IAEC
- Sufficient parking area
- Departmental canteen
- Seminar hall
- Departmental Library

KEY SKILLS IMPARTED

- Development of Novel Drug Delivery System.
- Role of medicinal plants in GIT and liver disorders.
- Evaluation of medicinal plants in CNS disorders.
- Drug designing of novel compounds.
- "Role of Herbal drugs in the treatment of Cardio-Vascular diseases".

DISTINGUISHED ALUMNI

Most of our alumni have been appointed in reputed organizations as researchers, managers, entrepreneurs and academicians.

Dr. Wahajuddin and Dr. Manish Jain

went for Post Doctorate fellowship in University of North California, USA and University of Fribourg, Switzerland, Dr. Pragati Shakya (Drug Analyst at Food and Drug Administration), Sambhu Dokania (Pharmacovigilance Associate IGIMS, Patna) Shantanu Pathak (Product Manager, Novo Nordisk), Ayyaz Anwar (Business Executive, Pfizer), Md. Shawwal (Quality Assurance Officer, Hamdard Lab. Pvt. Ltd., Ghaziabad), Dr. Talib Hussain (Assistant Professor, University of Hail, KSA), Dr. Sarfaraz Hussain (Assistant Professor, University of Tripoli, Libya) and Dr. Mehnaz Kamal (Assistant Professor, King Saud University, Riyadh, KSA) are some of our distinguished alumni.

CONFERENCE / SEMINAR ORGANIZED

- National conference on Novel Tools and Treatment Approaches in Healthcare System on 3rd March 2015
- National Seminar on Pharmacist : Your

- Partner in Health on 30th Sept. 2015.
- Workshop on Hands-on Training on HPLC on 26th Oct. 2015
- World Pharmacists Day 2016 celebrated on 26th September 2016 with theme entitled Pharmacists : Caring For You.

For queries regarding a course in the Dept. of Pharmacy, please contact :

For all Courses - Dr. Tarique M. Ansari:
headpharm@iul.ac.in

For D.Pharm. - Mr. Farogh Ahsani :
farogh@iul.ac.in

For B.Pharm. - Mr. Rajan Kumar :
rajan@iul.ac.in

For Pharm.D- Dr. Badruddeen :
badar@iul.ac.in

For M.Pharm. - Dr. Vaseem Ahamed Ansari : vaseem@iul.ac.in

For Ph.D. - Dr. Anuradha Mishra :
anuradha@iul.ac.in

Faculty of Computer Application

Department of Computer Application

Address - First Floor, Academic Block 1



MESSAGE FROM THE HEAD

The Department of Computer Applications was started in 2003 & it strives to offer quality education in the field of Computer Applications. The dedicated services of the Department to its students for several years have nurtured numerous IT professionals. The department is having ambitious objective of developing professional expertise and skilled manpower in information technology and related areas. This department currently offers doctoral program (Ph.D), post-graduate program Master of Computer Applications (MCA), graduate program Bachelor of Computer Applications (BCA) and Bachelor of Vocational Course (B.Voc.) in IT- Computerized Finance and Accounts. Over the years department has progressed at a rapid pace with its infrastructural facilities, advanced syllabi and proficient staff who are the part of various research and development activities.

DISTINGUISHED FACULTY

Dr. Md. Faizan Farooqui, Web Crawling, O.S.
 Dr. Mohd. Muqem, Web Tech., S/W Engg.
 Mr. Md. Kalamuddin Ahmad, Computer Architecture, A.I.
 Dr. Sandeep Kumar Nayak, Software Engg., Big Data
 Mr. Mohd. Faisal, Distributed System, S/W Engg.
 Dr. Suhel Ahmad Khan, S/W Engg., Software Security
 Dr. Tasneem Ahmad, Image Processing
 Mr. Sudheer Kumar Singh, Theoretical Computer Sc.

PROGRAMMES OFFERED

BCA

To graduate with a Bachelor Degree in Computer Application a student must complete a minimum of 146



credits of course work. Students are required to develop a final year project comprising all the subjects studied in the course.

B.Voc.

The course is designed to fulfill the needs of growing IT Sector in India which requires a very large numbers of vocationally trained skilled workforce for automation of enterprises and companies. The industry is in need of computer trained people in almost all sectors. This course is designed in such a way that at the end of three years, students will get a B.Voc. in IT-Computerized Finance and Accounts degree.

MCA

The MCA programme is inclined more towards Application Development thus has more emphasis on latest programming language and tools to develop better and faster application. Graduates with MCA are in great demand in many private and public sector organizations.

Ph.D.

The department of Computer Applications tries to give its best for maintaining the quality standards to align with the global needs of research and development activities. To achieve this objective the department is committed to enroll only experienced and skilled candidates so that quality graduates may be given on the horizon of educational and research society.

FACILITIES

- Web Development Lab
- Project Lab
- Graphics & Multimedia Lab
- Database Lab
- Programming Lab
- Open Source Lab
- Seminar Hall
- Departmental Library

POPULAR COURSES

Software Engineering, Cloud Computing, Operating System, Big Data Analytics, Software Testing, QA, AI and Neural Network, Advance

DBMS, Data Warehouse & Data Mining, Storage Technology, Mobile Computing and many more emerging courses.

KEY SKILLS IMPARTED

Programming skills in C, C++
Web Designing
Open Sources Technology
DBMS
Data Mining and Analytics
JAVA, C#, .Net

For any queries regarding a course in the Department of Computer Applications, please contact :

For Ph.D. - Mr. Mohammad Kalamuddin Ahmad :
mohdkalam@iul.ac.in

For MCA-Dr. Mohd. Muqem :
muqem@iul.ac.in

For BCA- Mr. Mohd. Faisal :
mdfaisal@iul.ac.in

Faculty of Commerce & Management Department of Business Management

Address - Third Floor, Academic Block –IV



MESSAGE FROM THE HEAD

The Department of Business Management is concerned with developing and applying scientific principles through modern concepts of Management and resolving managerial problems, in pursuit of operational excellence in managerial effectiveness. The Department has completed a journey of a decade in the University. The Department offer courses like MBA (dual specialization), MBA (Agri-Business), BBA, B.Com (Hons.), M.Com. And Ph.D. Specializations are offered in the areas of Marketing, Finance, Human Resource Information Technology and Commerce.”

DISTINGUISHED FACULTY

Prof. A.K. Saxena, Human Resource Management
 Dr. Asma Farooque, Marketing
 Dr. Syed Shahid Mazhar, Accounting & Finance
 Prof. Aftab Alam, International Marketing & Strategic Management
 Dr. Gaurav Bisaria, Marketing Management & Research Methodology
 Dr. Rizwana Atique, International Marketing
 Dr. Farhina Sardar Khan, Banking, Accounting & Finance
 Dr. Yasir Arafat Elahi, International Business

PROGRAMMES AT A GLANCE

MBA

The minimum credit required for award of MBA Degree is 105. This is normally divided into Theory courses, Tutorials,

Laboratory courses, Seminars and Projects in duration of four semesters. The credits are distributed semester wise as shown in the structure and syllabus manual of each programme.

MBA (Digital Marketing & E-Commerce)

The new-age Master of Business Administration degree in Digital Marketing & e-Commerce is a unique specialisation that is offered to groom students for the competitive and fast-growing sectors of Digital Marketing & e-Commerce.

M.Com.

M.Com. is a two year post graduate programme offered by Department of commerce and Management. The Department has faculty members with good experience in academia and industry. M.Com. programme curriculum is based on value addition, designed on par with international academic standards. The minimum credit required for the award of M.Com. Degree is 102. The course is divided into theory courses, tutorials, seminars and Projects in duration of four semesters. The credits are distributed semester wise as shown in the course structure.

BBA & B.Com. (Hons)

The minimum number of credits required for award of a BBA degree is 146. This is normally divided into Theory courses, Tutorials, Laboratory courses, Seminars and Projects in the duration of six semesters. The credits are distributed semester wise.



BBA (Financial Services)

The new-age, Bachelor of Business Administration degree in Financial Services is a unique specialization that is offered by us. This programme has been designed with inputs from industry experts to groom students for the competitive and fast-growing sector of Financial Services. The curriculum has been prepared with industry requirements in mind and it emphasizes practical and application-oriented learning

Ph. D.

For Admission candidates must possess Post graduation in relevant field with a minimum of 55% marks.

FACILITIES

Fully equipped Computer Lab, Departmental Library, Seminar Hall, Fully Equipped Smart classes, Department Placement Cell.

POPULAR COURSES

Sales and Marketing, International Business, Corporate Governance & Finance, Islamic Banking, Business strategy, Human Resources Management, Training & Development

KEY SKILLS IMPARTED

Summer Internship for MBA & BBA students, Soft skills, Personality Development Program, Entrepreneurship Development Program

DEPARTMENT HIGHLIGHTS

- Year of Establishment : 2004, Accreditation: NBA & NAAC Membership: AIMA, LMA & IIMPR Canada.
- Department Publication: IRJM (Integral Review-Journal of Management
- "The Integral Review" a Journal of Management is a bi-annual publication of the Department of Business Management is one of the

OUR RECRUITERS

KARVY
STOCK BROKING



RBS
The Royal Bank Of Scotland



Superhouse
Group

premier refereed scholarly journals of the management discipline. Since its inception in 2008, the Journal has played a significant role in the dissemination of emerging managerial issues. The journal leads to lead in development, dissemination, and implementation of emerging management concepts and practices across the globe.

For queries regarding a course in the Dept. of Business Management, please contact :

For undergraduate courses:

Mr. Firoz Husain, Asst. Professor -
firozh@iul.ac.in

For post graduate courses-

Dr. Asma Farooque, Jr. Associate Professor :
asma@iul.ac.in

For Ph.D -

Dr. Adeel Maqbool, Associate Professor
amaqbool@iul.ac.in

Faculty of Health & Medical Sciences



Under Graduate Courses

Course	Duration
MBBS	4½ yr.
BPT (Physiotherapy)	4½ yr.
BMLT [‡]	3 yr.
BRIT [‡]	3 yr.
B.Sc. - Nursing (Basic)*	4 yr.

* Subject to approval from INC

[‡] Subject to approval from UPSMF

MPT - Musculoskeleton	2 yr.
MPT - Neurology	2 yr.
MPT - Cardiopulmonary	2 yr.
MPT - Sports	2 yr.
M.Sc. - Medical Anatomy	2/3 yr.
M.Sc. - Medical Physiology	2/3 yr.
M.Sc. - Medical Biochemistry	2/3 yr.
M.Sc. - Medical Microbiology	2/3 yr.

* Subject to approval from MCI



Post Graduate Courses

Course	Duration
MD* - Anatomy	3 yr.
MD* - Physiology	3 yr.
MD* - Biochemistry	3 yr.
MD* - Pathology	3 yr.
MD* - Microbiology	3 yr.
MD* - Forensic Medicine	3 yr.
MD* - Pharmacology	3 yr.
MD* - Community Medicine	3 yr.

Doctor of Philosophy (Ph.D) Programs

Diploma Courses

Course	Duration
Diploma in CT Scan Technician	2 yr.
Diploma in OT Technician	2 yr.
Diploma in Optometry	2 yr.
Diploma in GNM	3½ yr.

Integral Institute of Medical Sciences & Research (IIMS&R)



MESSAGE FROM THE DEAN

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

UNDER GRADUATE COURSES

(A) COURSE OF STUDY

Course	Duration
MBBS	4 ½ yr.

POSTGRADUATE COURSE

(B) COURSE OF STUDY

Course	Duration
M.D. in Pre and Para-Clinical subjects	3 yr.
Ph.D.	

MODE OF ADMISSION

As per the regulations of the MCI & DGME, Govt. of U.P.



(C) DOCTOR OF PHILOSOPHY (Ph.D.) PROGRAMME

A separate entrance test shall be conducted for admission to the Ph.D. programme.

Department of Anatomy IIMS&R



ABOUT THE ANATOMY MUSEUM

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

The museum in the department of Anatomy was established along with the department in 2012. Since then, constant efforts are put to increase the number of specimens and models

to fulfill the need of MBBS and BPTH students. Presently it displays 07 number of articulated skeletons, 35 disarticulated sets of human dry skeletons, 200 wet specimens and 142 models.

The museum premises consist of a preparation room and a modellar room. A radiology section displays CTs, MRIs and plain X-Rays of different region of human body.

Pre & Para-Clinical Departments IIMS&R



ABOUT THE PRE-CLINICAL DEPARTMENTS

The pre-clinical departments consist of Anatomy, Physiology and Biochemistry.

The department of Anatomy was initiated in 2012 and continuously upgraded to a fully-fledged department with undergraduate teaching. Since its inception the department is encouraging development of basic knowledge of Anatomy to MBBS students in such a way so that they are able to apply the knowledge of Human Anatomy for the management of various ailments to the patients

The department of Physiology aims at providing the students comprehensive knowledge of the normal functions of the organ systems of the body to facilitate an understanding of the physiological basis of the health and disease.

The department of Biochemistry is recognized for its academic activities, teaching and research. All the faculty members of the department are actively involved in teaching, research and laboratory services. Presently most of the research work in the department is being carried out in the field of Molecular Biology, specifically single nucleotide polymorphism. Currently, 2 project works are going on in the department.

DEPARTMENT OF ANATOMY

Dr. Mehboobul Haque, Professor & HOD

Dr. Fida Husain, Professor

Dr. Anshu Mishra, Asst. Professor

Dr. Purna Gupta, Asst. Professor

Dr. Pratibha Shakya, Asst. Professor

FACILITIES OFFERED

1. Dissection Hall
2. Museum
3. Histology Laboratory
4. Research Laboratory

5. Departmental Library cum Seminar room

SECTIONS

1. Dissection Hall
2. Cadaver Room
3. Embalming Room

EQUIPPED WITH

1. Mortuary Cooler
2. Cadaver storage tank
3. Embalming Machine

DEPARTMENT OF PHYSIOLOGY

Dr. Seema Singh, Professor & HOD

Dr. Rubeena Bano, Professor

Dr. S. M. A. Waseem, Asst. Professor

KEY SKILLS IMPARTMENT

1. Perform experiments designed either primarily for the study of physiological phenomena or for assessment of function.
2. Analyze and interpret experimental/ investigative data critically.
3. Distinguish between normal and abnormal data derived as a result of tests which he/she has performed



and observed in the laboratory.

FACILITIES OFFERED

Experimental / amphibian Lab, Clinical Lab, Mammalian Lab, Hematology lab, Research Lab, Demonstration Room, Departmental Library.

DEPARTMENT OF BIOCHEMISTRY

Dr. Roshan Alam, Professor & HOD
 Dr. Ajay Kumar, Professor
 Dr. Dhananjay Tiwari, Asst. Professor

KEY SKILLS IMPARTED

1. Make use of conventional techniques/ instruments to perform biochemical analysis relevant to clinical screening and diagnosis Biochemistry
2. Analyze and interpret investigative data.
3. Demonstrate the skills of solving clinical problems and decision making.

FACILITIES OFFERED

The UG Laboratory, Departmental

Research laboratory, and the Central Research Laboratory is appared with sophisticated instruments like Thermo Cycler, Gel-doc System, ELISA plate reader etc. for research and teaching. The clinical Biochemistry Laboratory is equipped with state of the art instruments like Siemens Dimensions RXL Autoanalyzer, semi-Autoanalyzer, ABG analyzer, Nephloimeter etc.

Approximately, 350 tests are run daily. All equipments as per MCI are also available in the department.

PARA-CLINICAL DEPARTMENTS

The para-clinical departments consist of Pathology, Microbiology, Pharmacology, Forensic Medicine and Community Medicine.

DEPARTMENT OF PATHOLOGY

Dr. Pradeep Tandon, Professor & HOD
 Dr. Manisha Bhargawa, Associate Professor
 Dr. Veenu Jain, Associate Professor

FACILITIES OFFERED

- Fully computerized Hematology lab equipped for carrying out.
- Tests such as hemoglobin estimation, Total and differential counts/ESR/GBP, Platelet count, Reticulocyte count, Red cell Indices
- Specialized tests such as Sickling test, Osmotic fragility test, Coomb's test, LE cell test, G6PD estimation, Bone marrow aspiration and biopsy, Electrophoresis
- Coagulation tests : BT & CT/APTT/PT & INR
- Cytology lab is equipped for carrying out FNAC, PAP Smear, Fluid Cytology (Ascitic fluid, Pleural fluid, Synovial fluid, Cerebrospinal fluid)
- Histopathology lab is equipped with Grossing station, Fully automated tissue processor, Microtome to carry out histopathological examination and special stains
- Clinical pathology is equipped for carrying out Urine analysis, Semen analysis, Fluid count
- Fully Equipped and Licensed Blood Bank with facilities for blood component preparation

DEPARTMENT OF MICROBIOLOGY

Dr. Sanjeev Sahai, Professor & HOD
 Dr. Noor Jahan, Associate Professor
 Dr. Shilpi Srivastava, Associate Professor

FACILITIES OFFERED

Highly specialized labs for bacteriology, system virology, parasitology, mycology.

DEPARTMENT OF PHARMACOLOGY

Dr. M. S. Sawadkar, Professor & HOD
 Dr. S. Mishra, Asst. Professor

FACILITIES OFFERED

- Well-qualified and experienced

faculty.

- Well equipped with library, laboratories, computers, LCDs and other resources.
- Well-equipped Research Lab for Undergraduates and postgraduate.
- Modern teaching methods practiced including computer assisted learning.
- Curriculum is designed and reviewed periodically to facilitate students in pursuing higher education and research in India and abroad.
- Training of undergraduates to inculcate a rational and scientific basis of therapeutics.
- Research – Clinical – conducted as per GCP guidelines.
- Research – Basic – conducted as per GLP/CPCSEA guidelines.
- Regular conduct of CMEs and workshops for students and faculty.

COMPETENCIES

1. Pharmacotherapeutics
2. Pharmacovigilance
3. Pharmacogenomics
4. Experimental pharmacology.

FUTURE PLANS

Like other biomedical sciences, the boundaries of Pharmacology are extending and it tends to have more than other disciplines. The new arrivals on the fringe are Pharmacogenomics, Pharmacoepidemiology, Pharmacoconomics, immunopharmacology.

DEPARTMENT OF FORENSIC MEDICINE

Dr. A. K. Singh, Professor & HOD
 Dr. M. N. Siddiqui, Associate Professor
 Dr. Neelesh Shaky, Asst. professor

KEY SKILLS IMPARTED

The broad goal of subject is to produce a physician who is well informed about medicolegal responsibilities in practice of medicine.

He/She will also be capable of making observations and inferring conclusions by logical deductions to set enquiries on the right track in criminal matters and connected medicolegal problems. He/She acquires knowledge of law in relation to medical practice, medical negligence and respect for codes of medical ethics.

FACILITIES OFFERED

Department is highly equipped with state of art museum, research laboratory including undergraduate laboratory and well enriched departmental library. Department is also having well designed and equipped Autopsy Centre which is under process of authorisation from state. In future department are extension plan to develop a regional poisoning information system with full-fledged functional toxicological estimation centre with facility of qualitative and quantitative analysis of toxicological and medicolegal specimens.

DEPARTMENT OF COMMUNITY MEDICINE

Dr. Nadeem Ahmad, Professor & HOD
 Dr. M. Z. Idris, Professor
 Dr. Praveer Saxena, Associate Professor
 Dr. Saurabh Kashyap, Asst. Professor
 Dr. Deepak Chopra, Asst. Professor
 Dr. Sandhya Mishra, Asst. Professor
 Dr. Mohd. Suhail, Asst. Professor
 Dr. Ravi Kant, Asst. Professor

KEY SKILLS IMPARTED

- Draw natural history of a health problem in an individual suffering from disease & select the appropriate service package using the levels of prevention paradigm.
- Apply suitable bio-statistical methods and interpret the results in the study of health problems of individuals and

the community.

- Use various methods available to collect vital statistics of the community.
- Apply appropriate epidemiological methods & tools in the study of health problems (communicable, Non Communicable diseases, health system) at individual and community level.
- Plan, collect, analyze, interpret and present data from a hospital/ community survey on specific health problems. (Children Growth & development, Nutrition, Maternal health, and other child health)

ACTIVITIES

1. Training in Primary Health Care
2. Family Health Study (FHS):
3. Statistical data of the villages under Rural Health Training Centre & Urban Health training centre which will be compared to UP state and India.
4. Conducting an epidemiological study
5. Field Visits to study the health care delivery in rural areas and execution of the National Health Programs.

FUTURE PLANS

1. General Health & Multispeciality camps in the Rural & Urban field practice areas.
2. School health activities.
3. Integration with National health programmes.
4. Strengthening of Immunization activities.
5. Research Projects & field activities.
6. Organization of National/ State level conferences, seminars & CMEs.
7. Participation in all Public health activities by IAPSM/IPHA.
8. Strengthening of DOTS & ICTC at IIMS&R.

Department of Medicine & Allied Sciences IIMS&R



ABOUT THE DEPARTMENT

Department of medicine caters for the medical and allied patients for this part of Uttar Pradesh, Bihar & Uttaranchal, the outpatient department caters for the maximum patients and those requiring admission are shifted to indoor ward for definitive treatment

Medicine department also has allied faculties i.e. Psychiatry, T.B. & Chest, Dermatology and Pediatrics which are capable to provide quality care in these specialties.

FACULTY MEMBERS

Medicine

Dr. Sudhir Mehrotra, Professor & HOD

Dr. Rajesh Kumar Khare, Associate Professor

Dr. Vivek Katiyar, Associate Professor

Dr. Pulak Raj, Associate Professor

Paediatrics

Dr. Swatantra Kumar, Professor & HOD

Dr. Anil Kumar, Associate Professor

Dr. Mohd Parvez, Asst. Professor

Dr. Faraz Ahmad Khan, Asst. Professor

T.B. & Chest

Dr. V. K. Srivastava, Asst. Professor, HOD

Psychiatry

Dr. Anil Kumar Jain, Associate Professor

Dr. Anurag Agarwal, Asst. Professor

Dermatology

Dr. S. N. Srivastava, Professor & HOD

Dr. Asad Haroon, Asst. Professor

KEY SKILLS IMPARTED

1. Develop clinical skills (history taking, clinical examination and other instruments of examination) to diagnose various common medical disorders and emergencies.
2. Refer a patient to secondary and/or tertiary level of health care after having instituted primary care.
3. Perform simple routine investigations like haemogram, stool, urine, sputum and biological fluid examinations.

4. Assist the common bedside investigative procedures like pleural tap, lumbar puncture, bone marrow aspiration/biopsy and liver biopsy.
5. Clinical Training including skill development and Integration in General Medicine and allied sciences.

ALLIED SPECIALTIES

1. Paediatrics

a. Facilities Offered: Inpatient services: Department has 40 beds (in 2 units). Round the clock emergency services, attending to all deliveries. Aply assisted by high class nursing services.

b. Intensive care Services: Five bedded (extendible to ten) Paediatric and Neonatal Intensive Care Unit, equipped with latest gadgets including multipara monitors, infant warmers, Phototherapy unit, ventilators, resuscitation equipments, defibrillator functions 24 x7 with efficient staff.



c. **Outpatient Services:** All working days patients are attended in OPD by consultants.

d. **Special OPD services:** Well baby clinic, Child Rehabilitation and Child Guidance clinic, Immunisation clinic. Urban and Rural health Training Programmes, AFP surveillance and other National programs.

e. **Academic activities:** Regular Bedside teachings, demonstrations, OPD teachings, CME programmes, workshops, departmental Grand rounds to M.B.B.S., B.P.Th. students.

2. T.B. & Chest

a. **Facilities Offered:** Out-patient & Indoor facility, X-ray, CT Scan, Ultrasound & guided diagnostic procedures, Laboratory services for diagnosis, Bronchoscopy, Pulmonary Function Test, Free diagnosis and treatment of TB patients under RNTCP.

b. **Future Plans:** In coming years apart from strengthening the

existing diagnostic & treatment facilities, it is proposed to start allergy Clinic, Sleep studies, other invasive diagnostic-therapeutic procedures Thoracoscopy, E-bus etc.

3. Psychiatry

Facilities Offered: The department deals with the psychiatric Diagnosis & outdoor Management of common Psychiatric disorders in adults & child/adolescent patients. There is also facility of indoor management of psychiatric patients if required. Liaisoning with other clinical departments (including medical & surgical ICU's) is done for management of psychiatric problems in their indoor patients. There is also availability of psychiatric social worker for counseling.

4. Dermatology

Facilities Offered: The department of Dermatology and STD has an

outpatient department (OPD) and also has indoor admission facility for patients requiring detailed work up and prompt management. In addition for better and accurate management of patients various diagnostic facilities such as skin biopsies, slit skin smears (for leprosy and leishmaniasis), Wood's lamp examination for various skin disorders and microscopy. Patch testing for various allergic and occupational dermatoses is also available in the department. The department is also carrying out various surgeries and cosmetological procedures.

5. Blood Bank

Blood transfusion service is committed to provide the highest possible standards of service to the patients of this hospital.

Department of Surgery & Allied Sciences IIMS&R



MESSAGE FROM THE HEAD

Welcome to the clinical side of MBBS studies in department of general surgery and allied specialties, as you are aware, this is a period of cut-throat competition with ever increasing inventions, knowledge and technical skills. Hence, it is my advice to all of you, to cope-up with the coming situations, you must excel in your field. To achieve this, you should try to develop the qualities of punctuality, sincerity, dedication, discipline, hard-work and passion for studies with an amiable personality.

FACULTY MEMBERS

Surgery

Dr. Yogendra Singh, Professor & HOD

Dr. V. K. Saxena, Professor

Dr. Rizwanullah Khan, Associate Professor

Dr. Ankur Sharma, Associate Professor

Dr. Ruchi Srivastava, Associate Professor]

Anesthesia

Dr. Aparna Shukla, Professor & HOD

Dr. Shilpi Mishra, Associate Professor

Dr. Abhishek Tiwari, Asst. Professor

Dr. Mayank Mehrotra, Asst. Professor

Dr. Ruchi Verma, Asst. Professor

Dr. Saheer Ahmad Siddiqui, Asst. Professor

Orthopedics

Dr. Naveen Srivastava, Professor & HOD

Dr. Gaurav Kumar, Asst. Professor

Dr. Anuj Rastogi, Asst. Professor

Dr. Varun Vijay, Asst. Professor

Obstetrics & Gynaecology

Dr. Bhavana Gupta, Professor & HOD

Dr. Meenakshi Srivastava, Associate Professor

Dr. Arshiya Khan, Associate Professor

Dr. Asthma Nigar, Associate Professor

Dr. Rati Adhulia, Asst. Professor

Dr. Sukriti Shukla, Asst. Professor

Ophthalmology

Dr. Rubie Malhotra, Professor & HOD

Dr. Mohd Mobin, Associate Professor

Dr. Pooja Kanodia, Asst. Professor

ENT

Dr. Charu Singh, Associate Professor

Dr. Ranveer Singh, Asst. Professor

Dr. Pankaj Kumar Verma, Asst. Professor

Dentistry

Dr. Vijay Prakash Sharma, Professor

Dr. Saurabh Singh, Associate Professor

Dr. Sonal Saxena, Asst. Professor

KEY SKILLS IMPARTED

At the end of the course the student should be able to :

1. Describe etiology, pathophysiology, principles of diagnosis and management of common surgical problems including emergencies and trauma-care in adults and children,
2. Define indications and methods for fluids and electrolyte replacement therapy, including blood transfusion,
3. Define asepsis, disinfection and sterilization and recommended judicious use of antibiotics,
4. Describe common malignancies in the country and their management with prevention,
5. Enumerate different types of anesthetic agents, their indications, mode of administration, contra-



indications and side effects.

6. Presentation of clinical cases

7. Conducting seminars

8. Surgical audit including medical ethics and Medico Legal Aspects

9. Research work and papers writing, many papers published in different national and international Journals, Publication of book chapter in an International Book.

FACILITIES OFFERED BY DEPARTMENT OF GENERAL SURGERY

Major operations, Thyroidectomy, hepatobiliary-surgeries like cholecystectomy with choledocholithotomy, by-pass anastomotic surgeries, breast-surgeries, surgeries on liver for hydatid-cysts, abscesses, splenectomy, gastrotomy, gastrectomy, nephrectomy, pyelolithotomy, uretrolithotomy, appendicetomy, emergency surgeries for intestinal obstructions, duodenal perforation, enteric perforation, Hernia mesh repair, skin grafting, G.I. endoscopy, colonoscopy, band-ligation for piles and esophageal varices, all minor operations.

Future Plan: Laproscopic surgeries (for gall bladder, appendix & hernia), Uro-surgical unit (well equipped), onco-surgery unit, laser-surgeries, Robotic surgeries.

Laproscopic surgeries and uro-surgical unit will start functioning from coming session.

ALLIED SPECIALITIES ARE:

1. Anesthesiology

- a. **Facilities Offered:** Safe and anaesthesia in critically ill patients during major operations in general surgery and allied specialties department is equipped with plenum unit wall panels and pressure relief damper, anaesthesia work stations equipped with latest drager-Fabius plus and latest datex oh meda which have inherent advanced patients safety measures with multi para monitor and SICU.
- b. **Future Plans:** Development of Anaesthesia in cardio-thoracic - surgery, neurosurgical operations.

2. Orthopedics

- a. **Facilities Offered:** K-wire fixation, shoulder, hip and knee joints replacement surgeries, spine fixation, arthroscopic ligament reconstruction and all minor orthopaedics procedures.
- b. **Future Plans:** Stem cells surgeries, spinal deformity correction, onco-orthopaedic surgery, limb salvaging surgeries.

3. Obstetrics and Gynaecology

- a. **Facilities Offered:** Antenatal care, postnatal care, (also in high risk cases). Major and minor obstetric and gynaecological surgeries, infertility clinics, intra-uterine insemination, family planning counselling and services.
- b. **Future Plans:** Gynaecological oncology, minimal access surger, IVF units.

4. Ophthalmology

OT instrument – Zeiss operating microscope, Laureate Alcon Phaco-emulsifier

- a. **Facilities Offered:** All types of cataract surgeries including latest phaco-mulsification technique with foldable PCIOL, Toric IOL, multifocal IOL, Lacrimal sac surgery, ptosis surgery and squint surgery.
- b. **Future Plans:** Development of Retina and laser Clinic (FFA and fundus camera, green laser), glaucoma clinic, YAG laser cornea-clinic with eye-bank, Oculoplasty clinic, orthoptic clinic.

5. ENT

- a. **Facilities Offered:** Complete evaluation of ENT disorders audiometry, tympanometry, speech therapy, nasal endoscopy, laryngal endoscopy, otoendoscopy microscopic, ear surgeries-myringoplasty, tympanoplasty, ossiculoplasty, cortical mastoidectomy, stapedotomy, functional endoscopic sinus surgery, endoscopic dacryocystotomotomy, endoscopic, CSF-leak repair, sistrunk operation, lymph node biopsy. Foreign body removal.
- b. **Future Plans:** Cochlear implant, Middle-ear implant, Cobulation tonsillectomy, Stroboscopy, Laser assisted surgeries, Radiotherapy, Robotic surgery for skull – base tumors.

6. Dentistry

- a. **Facilities Offered:** Management of facial dental injuries, surgical removal of impacted wisdom tooth, extraction of teeth, Dental fillage, oral prophylaxis, teeth whitening (Cosmetics), root canal treatment (RCT), decaying tooth management, surgical removal of facial cysts and tumors.
- b. **Future Plans:** Dental implant set up, radio visual green (RVG), laser dentistry, orthodontic treatment, rehabilitation lost tooth and root canal treated tooth, rotatory root canal treatment.

Department of Radiology IIMS&R



ABOUT THE DEPARTMENT

Since its inception, the department of Radiology is striving to be one of the best Diagnostic Departments in the country. The department has recently acquired a state of the art, Siemens Somatom 128 slice CT Scan Machine which enables wide range of clinical applications from CTA to 3D reconstruction to perfusion imaging & CT Fluorcopy.

Apart from this General/ Color doppler Ultrasounds and specialized/ conventional X-rays are performed under expert supervision. The department also caters to teaching Undergraduate students with highly qualified faculty.

FACULTY MEMBERS

Dr. Pratap Chandra Shukla, Associate Professor & HOD

Dr. Lavan Saxena, Asst. Professor

Dr. Sunil Kumar Shukla, Senior Resident

FACILITIES AVAILABLE

1. 128 slice CT Scanner (Dual Energy High-Resolution)
2. Ultrasound with Color Doppler
3. Computerized Radiography
4. IITV / Fluoroscopy
5. Conventional X-Rays
6. Specialized Investigations
7. Interventional Radiology

KEY SKILLS IMPARTED

1. Radio-diagnosis skills
2. Teaching, Training & Interpretation of X-Rays and Ultrasonography
3. Interpretation of CT Scan & Teaching of CT related procedures.

FUTURE PLANS

MRI facility is under process and will be operational very shortly.

CONTACT DETAILS

Department of Radiology
Ground Floor, IIMS&R

Integral Institute of Allied Health Sciences & Research (IIAHS&R)



MESSAGE FROM THE HEAD

In view of the growing need for Physiotherapy, one of the fastest growing allied areas of Medical Sciences, Integral University has taken a lead in establishing a Physiotherapy Department, which is first of its kind in a University that start Choice Based Credit System (Semester Course) in India. Physiotherapy Department endeavors to prepare highly skilled professionals and efficient physiotherapists with thorough knowledge of theoretical and practical aspects of the field in the light of recent developments in the field of Medical Sciences.

DISTINGUISHED FACULTY

Dr. Ashfaque Khan, MPT (Orthopaedics)
 Dr. Abdur Raheem Khan, MPT (Orthopaedics)
 Dr. Swapnil Ramteke, MPT (Sports Medicine)
 Dr. Mohd. Javed Iqbal, MPT (Musculoskeletal)
 Dr. Ahmad Merajul Hasan Inam, MPT (Musculoskeletal)
 Dr. Neeraj Maurya, MPT (Neurology)

PROGRAMMES OFFERED

1. UNDER GRADUATE COURSE

BPT (Bachelor of Physiotherapy)

Course	Duration
BPT	4½ yrs*
BPT (Lateral Entry)	3½ yrs*

*Full time 4/3 years course followed by 6 months compulsory rotatory Internship.

To graduate with a BPT, students must complete a minimum of 200 credits of course work.

2. POST GRADUATE COURSE

MPT (Master of Physiotherapy)

Course	Duration
Musculoskeletal	2 yrs.
Neurology	2 yrs.
Cardiopulmonary	2 yrs.
Sports	2 yrs.

To graduate with a MPT, students must complete a minimum of 100 credits of course work.

MODE OF ADMISSION

The candidates seeking admission to MPT shall have to appear for an interview at the Integral University.

FACILITIES

- Therapeutic Gymnasium
- Exercise Therapy-Lab
- Electrotherapy-Lab
- Rehabilitation-Lab
- Neurophysiotherapy-Lab
- Cardio-Pulmonary Physiotherapy-Lab
- Research Lab

POPULAR COURSES

- Musculoskeletal Physiotherapy
- Sports Physiotherapy
- Neurophysiotherapy
- Cardiopulmonary Physiotherapy

KEY SKILLS IMPARTED

- Manual Therapy
- Hydrotherapy
- Gait Analysis
- Kinesiology Taping



- Thrust Technique
- Non-thrust Technique

CONFERENCE, SEMINAR & WORKSHOP

- Organized Hands-on workshop titled “Muscle energy Technique for Spine & Pelvic Complex dysfunction” on 26th and 27th November, 2016 at Integral University, Lucknow, India.
- Organized National Conference “PHYSIOCON-2016” on “Latest Trends toward Autonomous Physiotherapy Practice”, on 10th & 11th September 2016, on world Physiotherapy Weeks.
- Organized National Conference “PHYSIOCON-2015” on “Clinical Skill Update on Safe and Effective Physiotherapy”, on 12th & 13th September 2015, on world Physiotherapy Weeks.
- Organized Hands-on workshop titled “NDT approach for Hemiplegic Patients” on 30th and 31st January,

2016 at Integral University, Lucknow, India.

- Organized Hands-on workshop titled “Proprioceptive Neuromuscular Facilitation Technique” on 24th and 25th February, 2015 at Integral University, Lucknow, India.
- Organized Hands-on workshop titled “Manual Therapy and Taping Techniques for Knee and Ankle Dysfunctions” on 22nd and 23rd November, 2014 at Integral University, Lucknow, India.
- Organized Hands-on workshop titled “Cyriax technique & Soft Tissue Dysfunction” on 21st November, 2014 at Integral University, Lucknow, India.
- Organized Hands-on workshop & Conferences titled “Manual Therapy Technique & Its Implementation” on 5th-8th September, 2014 at Integral University, & Era Medical Collage, Lucknow, India.

- Organized the orientation program on Wheelchair service training & delivery as per WHO guidelines on 25th August, 2014 at Integral University, Lucknow, India.

DOCTOR OF PHILOSOPHY (Ph.D.) PROGRAMME

A Separate entrance test shall be conducted for admission to the Ph.D. programme. A notification for this test shall be published in prominent News papers/University website accordingly.

For queries regarding a course in the department of Physiotherapy, please contact :

For BPT -Dr. Ashfaque Khan : headbpt@iul.ac.in

For MPT/Ph.D - Dr. Abdur Raheem Khan : aburraheem@iul.ac.in

Department of Paramedical Health Sciences IIAHS&R



MESSAGE FROM THE PRINCIPAL

Our desire to excel is driven by our quest to become the top-most institute of this country. Excellence requires not only an unrelenting commitment to provide and work in the best professional environment but also a commitment to set in place a system that is updated and adapted to the changing demands of this ever-evolving profession. We at Integral University are committed to provide our students with all that is top-notch in our field.

We have a high number of specialists in our institute and we are proud of the fact that we have some of the brightest names in our faculty. We constantly update and review our clinical facilities to keep them at par with the highest standards of the profession.

The holistic approach of the institute stimulates innovation among students by inspiring fresh ideas with different perceptiveness, creative thinking and

strong conviction to achieve true success. I, take this opportunity to thank all the stakeholders for showing interest and continuous support in achieving pioneering position. I extend my best wishes to all students in their chosen career paths.

DOCTOR OF PHILOSOPHY (Ph.D.) PROGRAMME

A Separate entrance test shall be conducted for admission to the Ph.D. programme. A notification for this test shall be published in prominent News papers/University website accordingly.

1. BACHELOR COURSES Programmes Offered Under Graduate Course

Course	Duration
BMLT*	3 Years
BRIT*	3 Years

*Bachelor of Science of Medical Laboratory Technology (BMLT)

*Bachelor of Science of Radiological Imaging Technology (BRIT)

* Subject to Approval for UPSMF

2. DIPLOMA COURSES Programmes Offered Diploma Course

Course	Duration
Diploma in CT-Scan Technician	2 yrs.
Diploma in OT- Technician	2 yrs.
Diploma in Opto. Technician	2 yrs.

For queries regarding a course in paramedical health sciences, please contact:

Dr. Ashfaque Khan : headbpt@iul.ac.in

Dr. Abdur Raheem Khan :

aburraheem@iul.ac.in

College of Nursing



MESSAGE FROM HEAD

The Integral College of Nursing has an excellent, efficient and highly motivated faculty who plan meticulously all curricular activities for the students.

To meet the increasing demand of health care professionals and to handle the work load in rapidly growing population, our nursing staff has been specially trained with the tertiary care to achieve the objective of producing the best health-care professionals who can serve the community to the best of their knowledge and skills. The staff of the college supports health-care reforms and makes efforts to improve quality and access to maximize nursing expertise through critically evaluating the elements of nursing-care.

The IIMS&R running with 500 bedded hospital, has well equipped critical-care facilities to the students in nursing field. The Institute is committed to improve the standard of nursing education and strives hard to achieve quality in the same while ensuring

overall development of the students. The University provides a wide range of educational opportunities for the students to enhance their career. We are trying to develop basic skills in clinical, teaching, management and research in nursing settings.

Our desire is to impart the scientific knowledge to upcoming generation who will take up the responsibility to serve the country in the most efficient ways to develop nursing body of knowledge. We extend a hearty welcome to the students who are joining this Institute.

DISTINGUISHED FACULTY

Prof . Ataullah Khan, M.Sc -Nursing
Ms. Shalini Singh

PROGRAMMES OFFERED

1. UNDER GRADUATE COURSE

B.Sc. NURSING (Bachelor of Science in Nursing)*

Course	Duration
B.Sc. Nursing (Basic)	4 yrs.

* Subject to Approval from INC.

2. DIPLOMA COURSE

Diploma in General Nursing & Midwifery (GNM)

Course	Duration
Diploma in GNM	3 yrs.

FACILITIES

- Tertiary / Critical Care Nursing
- Intensive Critical Care Unit
- MICU
- PICU
- NICU
- Gynae Ward
- Labour Room
- OSSD Pre & Post Operative

CONFERENCES/SEMINARS

ORGANIZED

- HIV / AIDS & Malaria Workshop 2015
- Biomedical Waste management – March 2016
- Infection Control Management – October-2016
- World Aids Day- December-2016

KEY SKILLS IMPARTED

- Administration of Drugs
- Critical Nursing Care
- All Procedures of Medical / Surgical Nursing
- Emergency patients care with advance life support and basic life support.
- Demonstration of Defibrillator, resuscitation
- Infection Control
- Disposal of Biomedical waste
- Cardiac Nursing & Mechanical Ventilator

For queries regarding courses in the Department of Nursing, please contact :

Prof. Ataullah Khan :
ataulkhan@iul.ac.in

Faculty of Agricultural Science & Technology

Integral Institute of Agricultural Science & Technology (IIAST)

MESSAGE FROM THE DIRECTOR

Integral Institute of Agricultural Science and Technology (IIAST) since its inception is striving to nurture



young students to groom them to become significant contributors to the second Green Revolution. IIAST is working forward in the direction of enhancing the food production and safeguarding the nutrition security, national economic generation and environmental safety. IIAST is striving to acquire a place in the arena of agricultural science and technology in the country while holding a pioneering status in Lucknow. The teaching and research facilities of the institute are taken care by highly qualified professionals trained in specialized areas of agricultural science and technology. IIAST strives to prepare its students to take their places as agricultural scientists, farm managers, agricultural officers, extension workers, managers, educationists, agricultural administrators, agricultural scientists etc. IIAST is a unique learning community, one of the most demographically diverse agricultural institute with its focus on academic excellence, research, extension and spiritual life development of student and faculties.

UNDER GRADUATE COURSES

(A) COURSE OF STUDY

Course	Duration
B. Tech. Agricultural Engineering	4 yr.
B.Sc. (Hons) Agriculture	4 yr.
B.Sc. (Hons) Horticulture	4 yr.
B.Sc. (Hons) Home Science	4 yr.
B.Sc. (Hons) Forestry	4 yr.

POSTGRADUATE COURSE

(A) COURSE OF STUDY

Course	Discipline	Duration
M.B.A.	Agribusiness Management	2 yr.

DISTINGUISHED FACULTY

Dr. Haris Siddiqui, Ph.D, Biotechnology
 Dr. Saba Siddiqui, Ph.D, Agricultural Microbiology
 Dr. Malik Mobeen Ahmed, Ph.D, Agricultural Biochemistry
 Dr. Sumit Raizada, Ph.D., Soil Science
 Dr. Salman Ahmad, Ph.D., Entomology
 Dr. Faria Fatima, Ph.D, Agricultural Biotechnology

PROGRAMMES OFFERED

B.Sc. (Hons.)

To graduate with a B.Sc. (Hons.) Agriculture, Horticulture, Forestry, Home Science, students must complete a minimum of 170 credits of course work. Students are required to complete Rural Agriculture Work Experience (RAW) from progressive farmer's field in the seventh semester of their course. Students with Home Science are required to undertake Experiential learning in the last semester of the course.

B.Tech

To graduate with a B.Tech (Agricultural Engineering) students must complete a minimum of 200 credits of course work. Students are required to complete a project of 6 months in the reputed company in final semester of the course.

MBA

To graduate with Masters in

Agribusiness Management, students must complete a minimum of 55 credits of course work. Students are required to complete training of 6 months in the final semester of the course.

FACILITIES

Agricultural Farm
 Agricultural Microbiology Laboratory
 Biochemistry Laboratory
 Soil Science Laboratory
 Agronomy Laboratory
 Entomology Laboratory
 Plant Pathology Laboratory

POPULAR COURSES

- Agronomy
- Soil Science
- Genetics and Plant Breeding
- Horticulture
- Post Harvest Technology
- Organic Farming and Sustainable agriculture
- Human Values and Agricultural Ethics
- Rural Agricultural Work Experience

KEY SKILLS IMPARTED

- Transfer of knowledge and Technology from Lab to Land
- Agri-entrepreneurship Training
- Hands-on-Training on pH meter, EC meter, Flame Photometer, Tensiometer, Infiltrometer, Anemometer, Hydrometer.
- Agricultural Ethics and Agri-safety awareness and excellence

For queries regarding courses in the Department of Agricultural Science, please contact :

For B.Sc. (Hons.)- Mr. Nadeem Khan :
 ndkhan@iul.ac.in

For B.Tech- Dr. Malik Mobeen Ahmed :
 mmahmad@iul.ac.in

For M.B.A. (Agribusiness Management)-
 Dr. Sumit Raizada : sraizada@iul.ac.in

Faculty of Education

Address - Education Block, Integral University, Lucknow



MESSAGE FROM THE HEAD

Education unlocks the treasure of development, happiness and success in life. India has set a goal of total literacy which boosts the establishment of colleges of education that prepares the students for B.Ed. and M.Ed. courses. Many of our alumni get appointed in government and private schools. We have a young, dynamic and highly qualified faculty. The department has excellent infrastructure and serene atmosphere that grooms the prospective teachers to evolve their best strategies and shape the future of their students.

DISTINGUISHED FACULTY

Dr. Adnan Khan Lodi (Head)

Area of Expertise: Educational Philosophy, Educational, Technology, Teaching of English, Computer Application

Dr. Zeba Aqil

Area of Expertise: Educational Psychology, Guidance & Counseling

Dr. Jarrar Ahmad

Area of Expertise: Philosophy of Education, Teacher Education

PROGRAMMES OFFERED

UNDER GRADUATE COURSE

(A) BACHELOR OF EDUCATION

Course	Duration
B. Ed.	2 yrs.

(B) D. El. Ed. * (Diploma in Elementary Education)

Course	Duration
D.El. Ed.	2 yrs.

* Proposed to start, subject to necessary approval.

POST GRADUATE COURSE

(A) Master of Education

Course	Duration
M. Ed.	2 yrs.

DOCTOR OF PHILOSOPHY (Ph.D.) PROGRAMME

A separate entrance test shall be conducted for admission to the Ph.D.



programme. The advertisement of this test shall be published in prominent newspapers/ University Website in due course of time.

FACILITIES

- Computer Lab
- Well Equipped Library
- Wi-Fi Connection
- Reading Room
- Seminar Hall
- Research Cell
- Science Lab
- Art and Craft Lab
- Home Science Lab
- Psychology Lab

KEY SKILLS IMPARTED

- Micro Teaching, Simulated Teaching
- Educational Leadership, Internship
- Research Skill- Preparation of Research Proposal
- Professional Pre-service Training Program

For queries regarding courses in the Department of Education, please contact :

For B.Ed. & M.Ed.-
Dr. Adnan Khan Lodi :
headedu@iul.ac.in

Dr. Ali Imam : aliimam@iul.ac.in

For Ph.D.-Dr. A.K. Lodi :
headedu@iul.ac.in

Faculty of Humanities & Social Sciences



COURSES OF STUDY

(A) CERTIFICATE COURSES (ANNUAL)

Course	Duration
Certificate of Proficiency in Arabic	1 yr.
Certificate of Proficiency in French	1 yr.
Certificate of Proficiency in German	1 yr.
Certificate of Proficiency in Urdu	1 yr.
Certificate of Proficiency in English	1 yr.

(B) DIPLOMA COURSES (ANNUAL)

Course	Duration
Diploma in Arabic	1 yr.
Diploma in French	1 yr.
Diploma in German	1 yr.

ELIGIBILITY

Certificate of Proficiency in the concerned languages or an equivalent examination with not less than 45% marks in the aggregate.

(C) POSTGRADUATE COURSES

COURSES OF STUDY

Course	Duration
M.A. English	2 yr.
M.S.W. (Master of Social Work)	2 yr.

ELIGIBILITY

M.A. (English): B.A. in English as one of the subjects (up to 3rd year) with a minimum of 50% marks in the aggregate from a recognized university. Also, a candidate may have admission to M.A. in English if s/he has secured more than



55% marks in graduation in any stream/without English only on the condition that she/ he agrees to pursue a Bridge Course in English consisting of two papers and clears them in M.A. 1st Year.

M.S.W.: The candidate must have passed a graduate course in any discipline with a minimum of 50% marks in the aggregate from a recognized university.

Department of Languages



MESSAGE FROM THE HEAD

The Department of Languages, focuses on the skills of Professional Communication in English and on promoting the study of worldwide communication and literature written in English. Our endeavor is to extend the understanding of how the English language is intertwined with the various cultures of those who speak and handle it as a tool of communication. Effective writing makes social and professional engagements meaningful. The study of rhetoric, composition, literacy, and professional writing enhances felicity in writing, communication and technology much valued in the present times.

DISTINGUISHED FACULTY

- Prof. S.Z.H. Abidi
Indian English Literature, Feminism
- Dr. Amna Shamim
African Literature & Feminism
- Dr. Hafiz Mohammad Arif
Orientalism and American Literature
- Dr. Naila Ahmed Suhail
20th Century English Literature

PROGRAMMES OFFERED

The Department of Languages caters

to the needs of the students aspiring for training, expertise and excellence in Professional Communication with a marked emphasis on English for Specific / Special Purposes (ESP). Certificate and Diploma Courses in German, French, Arabic, Urdu and English

FACILITIES

Language Lab

The Department has a well-equipped state-of-the-art Language-Lab that provides Computer-Aided Language Learning (CALL) to the students. The Language Lab is equipped with ODLL Software. It also has the provision of audio-visual aids.

Library

The Department has a full-fledged library with a large collection of books on Professional/ Business Communication, Grammar and Proficiency in English and English Literature.

Clubs

- Debating Society
- Poetry Club
- Essay Writing Club

- Spoken English Club and Clinic

POPULAR COURSES

M.A. in English:

- Literature and Films
- Literature and Gender
- New Literatures in English
- Feminist Literary Theory and Criticism
- Certificate and Diploma Courses in German, French, Arabic, Urdu and English

KEY SKILLS IMPARTED

- Soft Skills
- English for Specific/Special Purposes (ESP)
- Business Communication
- Inter-Cultural Communication
- Literary Appreciation

For queries regarding a course in the Department of Languages, please contact :

For M.A. English and Ph.D.-

Prof. (Dr.) S.Z.H. Abidi :

headeng@iul.ac.in

For Certificate and Diploma Courses

Dr. Hafiz Mohd Arif :

hmnadvi@iul.ac.in

Faculty of Law



MESSAGE FROM THE HEAD

Success of Law Schools and Law Colleges rests on their ability to bring out the excellence in their law students by nurturing their attitude to become smart, honest and committed lawyers. Law, being a normative science leans more towards social science and hence, it eludes scientific precision and objectivity. In this scenario, competence in teaching is inevitable.

At present, the main objective of the legal study is limited to the Bench and Bar. Hence the Faculty of Law provides quality and career oriented education to young minds.

I welcome the budding lawyers to this great portal of excellence. Your enthusiasm and discipline would add much colour, vibrancy and skills to the department and the University as a whole.

The Faculty of Law in turn would dig deep into the souls of the budding law students, informing, shaping and

moulding them into great legal professionals.

PROGRAMMES OFFERED

- B.A.LL.B. (Integrated) 5 yrs.
- B.B.A.LL.B (Integrated) 5 yrs.
- B.Com.LL.B. (Integrated) 5 yrs.
- LL.B. - 3 yrs.

DISTINGUISHED FACULTY

Dr. Naseem Ahmad, NET, SET, Ph.D.

Area of expertise: Criminal Law

Mr. Abhishek Singh, NET

Area of expertise: International Law

Ms. Seema Siddiqui, NET

Area of expertise: Constitutional Law

FACILITIES

• LIBRARY

The faculty has a own well maintained library. The library has more than 4000 books including National and International journals with current and last ten years' back volumes. The facility of current magazine and news papers are also available.

• READING ROOM

The Faculty of Law has a separate reading room. The seating capacity of this room is 120 as per guidelines of Bar Council of India

• MOOT COURT ROOM

Mooting is one of the key practices in almost all esteemed Law Schools of India. The Faculty of Law has established a moot court and moot court society with a view to develop the skill of advocacy and legal writing among the students.

• LEGAL AID CLINIC

The Faculty of Law has a free Legal-Aid Clinic in its campus to help the poor and illiterate masses.

• E- LIBRARY

One Computer Lab has been established for the student to access legal information Resources, data base for their study relevant to their field of study. The imported books are



also available in soft copies.

• ONLINE LEGAL RESOURCES

The library provides access to following online legal resources in the faculty.

- Lexis India Online
- IIL of India
- JSTOR
- Oxford University Press
- Cambridge University Press
- J-Gate
- Economic & Political Weekly

• CAREER AND GUIDANCE CENTRE

At present, Lucknow has become a hub for competitive exams. The Faculty of Law acts as a centre for guidance especially for judicial and other competitive exams.

• SPORTS FACILITY

The University has sports and recreational facilities on the campus, viz, Volleyball, Football, and basket

ball etc. There is a provision for indoor sports like, Table tennis, Carrom and Chess etc.

• COMMON ROOM

The faculty has common rooms for girls and boys separately.

• CLASS ROOMS

There are three types of class rooms. The general class rooms for regular classes, tutorial class rooms and special class rooms for personal guidance.

• NATIONAL SERVICE SCHEME AND OTHER UNIT

The university has NSS unit and Citizen's Consumer Club to promote legal and social welfare activities among the student community of the University.

ADVANCE SYLLABUS AND CURRICULUM

As an institution, we have an autonomous body. The curriculum is

prepared based on an advance and judicial exam friendly syllabus and curriculum under the guidance of Bar Council of India.

INTERNSHIP

Internship is an integral part of our curriculum. Renowned lawyers, and firms are associated with the Faculty.

NOTABLE FEATURES

- Qualified and experienced Faculty.
- Regular moot court practice and court visit.
- On line attendance and other formalities.
- The additional clinical courses are available with credit apart from semester credits.

KEY SKILLS IMPARTED

- Personal guidance for PCS-J and other Competitive exams.
- Objective and clinical patterns are integral parts of examination.
- Updated and competitive exam friendly syllabus.
- Guest lecture delivered by Judges, practicing Lawyers and officers.
- Curriculum is updated as per CBCS System and CDC.

For Queries regarding a course in Faculty of Law, Please Contact:

Dr. Naseem Ahmed Jafri :
headlaw@iul.ac.in

Ms. Ekta Bajpai : baekta@iul.ac.in

University Polytechnic (Lucknow Campus)



MESSAGE FROM THE PRINCIPAL

University Polytechnic was established to prove itself as a useful hand in the accomplishment of the cumulative goal of Integral University set forth by its founders. The existence of the University Polytechnic is also the result of the growing demand for dexterous technical souls to assist the constantly expanding industrial face of India.

We have a team of well-qualified and dedicated faculty who regard teaching not only their profession but also their passion. Thus our students receive a continuous synergy capacitating them in many fields.

Dr. K. M. Moeed

DISTINGUISHED FACULTY

Dr. Nazish Fatima, Chemistry

Area of expertise: Colloid and Surface science

Dr. Kashif Ali, Mathematics

Area of expertise: Differential Geometry

Mr. Mohammed Tayyab

M.Tech (Power System & Drives)

Area of expertise: Renewable Energy Interface.

Mr. Mohammed Zakullah Zaka

M.Tech (Industrial & Production Engg.)

Area of expertise: Arc Welding

Mr. Mohd Majid Khan

M.Tech (Production & Industrial)

Area of expertise: Tribology Components

Mr. Mohd. Shadab Siddiqui

M.Tech (Structural Engg.)

Area of expertise: Structure Design

Mr. Abdul Sajid

M.Tech (Electronics Circuits & System)

Area of expertise: Embedded System & VLSI Design

PROGRAMMES OFFERED

Diploma in Engineering is a three-year (6 semesters) course meant for High School (Standard X, 'O' level or NECTA Form 4) pass-outs. In this course, students gain knowledge in different branches of studies. For successful completion of Diploma in Engineering students have to clear all theoretical as well as practical exams. In addition to this, every student has to do an internship of minimum four weeks during the summer vacation after the completion of second year of the study.

COURSES OFFERED BY THE UNIVERSITY POLYTECHNIC

Diploma in Architecture
 Diploma in Civil Engineering
 Diploma in Civil (Construction Management & Safety) Engineering
 Diploma in Chemical Engineering
 Diploma in Computer Science Engineering
 Diploma in Electronics Engineering
 Diploma in Electrical Engineering
 Diploma in Mechanical (Automobile) Engineering
 Diploma in Mechanical Engineering
 Diploma in Civil Engineering (Evening)
 Diploma in Electrical Engineering (Evening)
 Diploma in Mechanical Engineering (Evening)

MODE OF ADMISSION

1) Admission to First Year

Admission to all the first year courses of Diploma in Engineering is given as per the merit prepared on the basis of marks obtained in the qualifying



examination and finally candidates have to appear in the counselling for the completion of admission.

2) Admission to Second Year

Admission to all the Second year courses of Diploma in Engineering (Lateral Entry) is given to those candidates who have passed Intermediate (PCM) examination or two year ITI course along with High School.

DEPARTMENT HIGHLIGHT

Year of Establishment: 2010

Labs: 43

(Mechanical-10,Civil-9,Electrical-7, Electronics-13, Chemistry-1,Physics-1,Computer-1,Language Lab-1)

Language Lab:

Fully Equipped with latest systems and linguistic software, having a capacity of 60 students

CAD Lab:

Fully Equipped with latest systems and Auto CAD Software, having a capacity of 30 students.

Recruiters: MNC's like Motherson Sumi, Marqex impex, Bajaj Auto.,

Shivangi Enterprises, APNC etc. conducted campus placement during the year 2014-15

POPULAR COURSES

- Microprocessor and its Applications
- Wireless and Mobile Communication
- Electrical Machines
- Thermodynamics Engineering
- Hydraulics and Hydraulics Machine
- Reinforced Cement Concrete
- Automobile Maintenance, Repair and Safety
- Industrial Engineering and Safety
- Irrigation
- Surveying
- Estimating, Costing and Valuation
- Design of Machines and Estimation
- Power Electronics
- Computer Graphics and Animation
- Cyber Law and Information Security
- .NET Technology

KEY SKILLS IMPARTED

- Design and Implementation of Solar Photovoltaic Systems
- Design of Robotics and Embedded System

- Design of Machine Elements
- Design of Building using Auto Cad
- Development of Softwares

FACILITIES

- Hydraulics Lab
- Strength of Material Lab
- P.H.E. Lab
- Chemistry Lab
- Workshop
- Survey Lab
- Computer Lab

For queries regarding courses in the University Polytechnic, please contact:

For Diploma in Architecture/Civil/Civil (Construction Management & Safety) Engineering -
Mr. Amir Javed : amirja@iul.ac.in

For Diploma in Electronics Engineering
Mr. Abdul Sajid : msajid@iul.ac.in

For Diploma in Electrical Engineering
Mr. Mohammad Tayyab :
mtayyab@iul.ac.in

For Diploma in Mechanical (Automobile) Engineering
Mr. Mohammad Saad Saleem :
saad@iul.ac.in

For Diploma in Mechanical Engineering-
Mr. Mohammad Zakauallah Zaka :
zaka@iul.ac.in

For Diploma in Computer Science Engineering-
Mr. Anand Vardhan Shukla :
avshukla@iul.ac.in

For Diploma in Chemical Engineering
Dr. Nazish Fatima : nazish@iul.ac.in

University Polytechnic (Shahjahanpur Campus)



DIPLOMA COURSES

(A) COURSE OF STUDY

Diploma in Engineering

The Diploma Engineering courses are offered in the following branches:

Branch	Duration
Electrical Engineering	3 yr.
Mechanical Engineering	3 yr.
Civil Engineering	3 yr.

(B) ELIGIBILITY

A candidate must have passed 10th standard or equivalent examination with Mathematics and Science from any recognized Board/ University.

(B) ELIGIBILITY

B.E.: A candidate must have passed 10+2 with Physics, Math & Chemistry/Bio-Tech/Computer Science with a minimum of 45% marks in aggregate from any recognized Board/ University.

B.B.A./B.C.A.: A candidate must have passed 10+2 in any discipline with a minimum of 45% marks in aggregate from any recognized Board/ University.

UNDER GRADUATE COURSES

(A) COURSE OF STUDY

Bachelor courses offered are:

Branch	Duration
B.E. Electrical Engg.	4 yr.
B.E. Mechanical Engg.	4 yr.
B.E. Civil Engg.	4 yr.
B.E. Computer Science	4 yr.
B.B.A.	3 yr.
B.C.A.	3 yr.

Sports Facilities

Integral University believes in the overall development of students through extra curricular activities. The University organizes an Annual Sports Meet which includes several indoor and outdoor games with complete kits so that the students remain safe while competing with each other. The following are the list of a few games that the students are involved in throughout the year, keeping themselves healthy and fit.

Outdoor Games	Indoor Games
Cricket	Table Tennis
Football	Chess
Hockey	Carom
Volleyball	Gym (Power Lifting and Best Physique)
Basketball	
Athletics	
Lawn Tennis	
Kho-Kho	



Special Events





Route Map for The University



INTEGRAL UNIVERSITY

Kursi Road, Lucknow-226026 (U.P.) INDIA

Admission Cell / ☎ : 9335177775

Email : admission@iul.ac.in

Tel. : +91 522 2890730, 2890812, 3296117

Fax : +91 522 2890809

Web : www.iul.ac.in



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