





Studying at Ansal University offers you a World-Class Learning Experience & Prepares you for a Global Workplace



Dedicated Workstation for every Student with Project Based Learning



Grooming Students for Better Placements
An Innovative Centre for Inter-Disciplinary Research
70% Practical and Hands-On Training
Well Equipped AC Lecture Halls



Close Proximity to the New Metro
Transport Facility around NCR
Located in The Heart of the city of Gurgaon

The AU Advantage



100% Scholarship for Top 10% Students



Real Time Knowledge
Experiential Learning
Focus on Personality Development
Wifi Enabled Hostel with Air-Conditioners



Highly Qualified Faculty with International Exposure
Exceptional Corporate Connect
Strong Alumni Network



Performance based Internship in Silicon Valley, USA
6 International Certifications in the Entire Course
Industry Training and Site Visits

Dean's Message







Prof. (Dr.) Anamika Paul

It is a pleasure to be a part of School of Engineering and Technology at Ansal University. We at Ansal are committed to offer a world-class engineering education and interdisciplinary research to our students. We offer a rich educational experience that combines intellectual rigor and cross-disciplinary exposure in a student-centric environment. The mission of the programs in the School of Engineering and Technology is to equip students with high quality education, fundamentals of the respective engineering program, interdisciplinary knowledge, awareness of local industry needs, and skills in lifetime learning, communication and leadership. The School offers various undergraduate, postgraduate and doctoral degree programs. The undergraduate programs are B.Tech in Computer Science, Mechanical, Civil, Electronics and Communication Engineering. The School also offers specialized B. Tech. in Cyber Security, Renewable Energy, Robotics, Transportation, Building Services. The postgraduate programs are M.Tech in Computer Science (IOT and Blockchain), Computer Science (Artificial Intelligence and Machine Learning), Mechanical Engineering (Autonomous Vehicle), and Civil

Engineering (Environmental Engineering/ Construction Management/ Structure Engineering/ Transportation Engineering) amongst other courses. The School is proud to have excellent faculty with exemplary qualifications and accomplishments, and with a great amount of industrial exposure. Our faculties are engaged in cutting-edge research projects and build immersive & hands-on learning environments that stretch beyond traditional classroom models. To further our pursuit of excellence, we seek to foster an intellectually vibrant, collegial atmosphere with a keen appreciation for the value of diversity among our students. Co-operative education is an integral part of our undergraduate programs. Students learn to put theory into practice and complement academic work with on-the-job knowledge. Committed to excellent teaching and innovation, the faculties inspire students to translate the knowledge acquired to get real-life solutions. I encourage you to explore our website for related information on all of our departments and program offerings as we at Ansal University continue to contribute to the innovation and technological achievements that characterizes our spirit.

UNDERGRADUATE PROGRAMMES

Programmes	Eligibility Criteria
<p>B.Tech - (Computer Science Engineering)</p> <ul style="list-style-type: none"> • Cyber Security (Knowledge partner LUCIDEUS)  LUCIDEUS • DevOps and Cloud Engineering (Knowledge partner XEBIA)  Xebia Academy • Internet of Things and Blockchain (Knowledge partner IoT NCR)  IoT NCR • Artificial Intelligence and Machine Learning • Augmented Reality/Virtual Reality (AR/VR) <p>B.Tech - (Electrical Engineering)</p> <ul style="list-style-type: none"> • Renewable Energy <p>B.Tech - (Electronics and Communication Engineering)</p> <ul style="list-style-type: none"> • Robotics <p>B.Tech - (Mechanical Engineering)</p> <ul style="list-style-type: none"> • Autonomous Vehicle <p>B.Tech - (Civil Engineering)</p> <ul style="list-style-type: none"> • Transportation Engineering (Knowledge partner TENACI)  TENACI • Building Services Engineering 	<p>Overall aggregate of 50% marks in 10+2 with PCM & English. The eligible candidate should also have a valid Overall aggregate JEE (main) score. Candidates who do not have valid JEE (main) score, will have to take Ansal University Entrance Exam (AU EE).</p>
<p>B.Sc - (Computer Science with specialization in Artificial Intelligence/ Augmented Reality/Virtual Reality (AR/VR))</p> <p>B.Sc - (General)</p>	<p>Overall aggregate of 45% marks in 10+2 with PCM</p>
<p>BCA - (Specialization in Artificial Intelligence/ Augmented Reality/Virtual Reality (AR/VR))</p>	<p>Overall aggregate of 45% marks in 10+2</p>

POSTGRADUATE PROGRAMMES

Programmes	Eligibility Criteria
<p>M.Tech - (Computer Science Engineering)</p> <ul style="list-style-type: none"> • Internet of Things and Blockchain • Artificial Intelligence and Machine Learning <p>M.Tech - (Civil Engineering)</p> <ul style="list-style-type: none"> • Structure Engineering • Environmental Engineering • Transportation Engineering • Construction Management <p>M.Tech - (Mechanical Engineering)</p> <ul style="list-style-type: none"> • Autonomous Vehicle <p>M.Tech - (Electrical Engineering)</p> <ul style="list-style-type: none"> • Renewable Energy <p>M.Tech - (Electronics and Communication Engineering)</p> <ul style="list-style-type: none"> • Robotics 	<p>Overall aggregate of 50% marks in BE/B.Tech in CSE / IT / ECE/EEE/ Civil/ Chemical/ Tool Engineering / Mechanical / Mechanical and Automation / Production / Production and Industrial/Automobile Engineering or equivalent respectively M.Sc. (Computer Science / IT) / AMIE (CSE), MCA, M.Sc. (Physics/ Applied Physics/Mathematics/ Statistics) with valid GATE score. Candidates, who do not have valid GATE score, will have to take Ansal University Entrance Exam (AU EE).</p>
<p>PhD Programme</p>	<p>Post graduation in relevant field.</p>

Infrastructure and Facilities

Computer Science Engineering



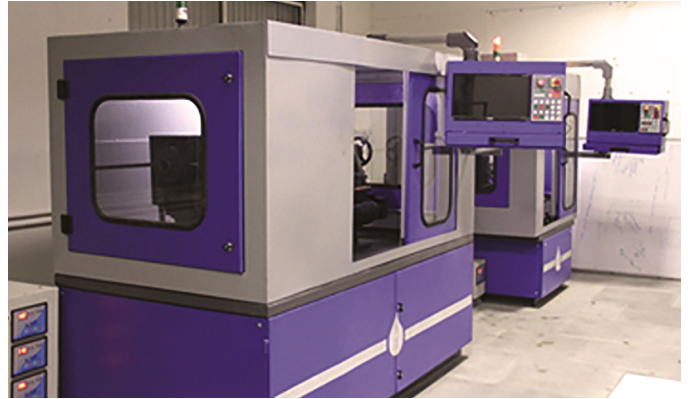
The Computer Science and Engineering department is well equipped with all the facilities and labs such as Algorithms Lab, Web Programming Lab, Object Oriented Programming Lab, Electronic Circuits, IOT lab and Logic Design Lab. It provides students hands on experience and industry exposure.

Electrical Electronics and Communication Engineering



The Electrical Electronics and communication engineering department of our Institute is equipped with excellent laboratories, facilities with state-of-the art equipment. Basic Electrical and Electronics Lab, Electrical Machines Lab, Power System Lab Solar Energy Lab, Electrical Drives Lab, Basic electrical engineering lab, Power Electronics Lab, Control System Lab, Electrical Energy Utilization Lab, Software's P-spice, MultiSim, MatLab, Lab-View.

Mechanical Engineering



The department has well equipped laboratories and state-of-the-art infrastructure to meet the ever-changing requirements of Engineering. Computer Aided Manufacturing Lab, RACL Lab, Fluid Machinery Lab, Fluid Mechanics Lab, HMT Lab, ICGT Lab, Thermal Lab, Mechanics Lab, KOM Lab, DOM lab, Engineering Materials Lab, Slolid Mechanics Lab, Engineering Workshop, Manufacturing Science Lab.

Civil Engineering



Department of Civil Engineering has well equipped and spacious laboratories to conduct the experiments in various specialized fields.

Labs:

- Soil Mechanics Lab
- Surveying Lab
- Concrete Lab
- Geo-Informatics lab

Collaborations

University of the West of England



Ansal University has signed an MOU with University of the West of England (UWE), Bristol

- ◆ Student Exchange
- ◆ Faculty Exchange

The University of the West of England, Bristol (UWE Bristol) is a public research university, located in and around Bristol, England. The university is ranked among the top 25 higher education institutions in England for its graduate employment prospects. Recent figures show 96% of recent graduates are in employment or further study.



Collaboration with Lucideus



Ansal University's B.Tech (CSE) with Specialisation in Cyber Security Program is a well structured program, which has a good balance of theory and practical papers. This program is being offered in collaboration with LUCIDEUS TECHNOLOGIES, which is one of the prominent professionals in information security services and training. Huge demand and supply of professional manpower is required in our country and overseas. According to a recent report by Intel Security in partnership with the Center for Strategic and International Studies (CSIS), the global cyber-security workforce will have over 1 million job vacancies by 2019. Even Forbes stated that cybersecurity market is expected to grow from \$75 billion in 2015 to \$170 billion by 2020.

The average salary of a Computer science engineer with specialization in cyber security in India is 4,91,088.00 INR as per the survey conducted by PayScale.com (American salary survey website), which is still a lot higher than the average salaries of engineers without a specialization like this.



Collaboration with Xebia



Xebia Academy Global, the Education Business unit of Xebia has recently signed a Memorandum of Understanding (MoU) with Ansal University, Gurgaon, to launch a B.Tech Computer Science Engineering programme specialization in DevOps. Xebia will undertake the designing of course curriculum, creating study modules containing high quality industry-specific content and strengthening the faculty through building a team of competent educators. The company will also support with the placement of the graduating students.



With the focus of the B. Tech program on future-oriented field of DevOps, the course structure has been designed to address the talent gap by providing relevant knowledge and upskilling the students. The curriculum development, which comprises course materials, assignments, and training sessions, will be piloted under the specific guidelines and expertise of Xebia's DevOps practitioners.

Collaboration with IoT - NCR



Ansal University ties up with IoT-NCR, world's 4th largest open IoT community and Thingif(y) (an angel funded AI & IoT product company). IoT-NCR along with Thingif(y) have launched digital technologies lab where students will get opportunities to work on real time industry based projects and will get exposure to attend all the Seminars and Meets of IoT-NCR for knowledge sharing. Students will have current market insight in Technologies. The training sessions will be conducted under the specific guidelines and expertise of IoT-NCR practitioners.

Collaboration with Tenaci



TENACI is exclusively mandated by Powercem Technologies b.v Netherlands to market its products and technology named RoadCem, Concrecem, Immocem in the territory of India. TENACI is interested to impart practical education to Civil Engineering students of India so that the subject of Soil Stabilization coming through cement additives gains enough popularity in the Indian Road Sector for the benefit of the society. Ansal University is an Educational Institute with its head office at Gurgaon, Haryana performing educational activities in various engineering streams including Civil Engineering and Architecture; while doing so AU has all basic infrastructure required for the purpose, such as laboratory, equipment, human resource etc and is ready and willing to offer for the benefit of its students.

Student's Achievements



Jhanvi Gulati, a student of Computer Science in the School of Engineering and Technology represented India as a delegate in HPAIR Asia Conference 2019, which took place in Nur-Sultan (formerly known as Astana), Kazakhstan.



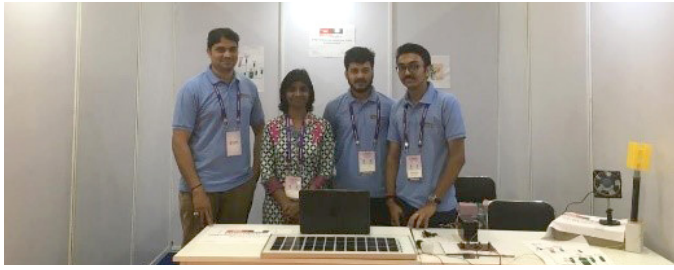
Students from B.Tech Civil and Mechanical Engineering, School of Engineering and Technology, Ansal University, made fully working electric cart



Solar Golf Carts are powered by mounting a photovoltaic (PV) or thin film panel on top of the existing roof or using a PV panel as the roof itself. A controller converts the sun's energy to charge the golf cart's 36-volt or 48-volt battery bank. Not only does the solar power take the cart off the electric grid, it also increases the driving distance and extends the life of the batteries.



Students from the School of Engineering and Technology attended 5 days long event on "Public Private Partnership by youth" held in Bali in Jan 2019. In the 5 days event, 85 delegates and guests from 20 cities in Asia worked together to learn about cross sector and citizenship to design a sustainable vision for the tourism industry.



Student team from School of Engineering and Technology at Gridtech Exhibition (MHRD sponsored) have received consolation prize of 20,000. There were 66 teams from all over India, our team from SET @ AU gave tough competition to IITs ,NITs and many other renowned universities



Hanut Kumar Arora of B.Tech Cyber Security at SET secured *1st Rank* in *Bob the Assembler* PC Assembling Competition in *Turington '19* Tech fest of *Ramanujan College, University of Delhi.



Shivaditya Singh Tomar, B.Tech CSE Student, has been successful in securing scholarship to pursue MS in Cyber Defense at Dakota State University in South Dakota, USA.



Rahul, B.Tech Civil Engineering and Gaurav, B.Tech CSE won the second spot in Zonal level debate competition organized by School of Renewable energy and Efficiency, NIT kurukshetra in association with Bureau of Energy Efficiency, New and Renewable Energy Department and Haryana Renewable Energy Development Agency.



Kunal Yadav of B.tech CSE participated in 6 competitions held at BITS Pilani, APOGEE technical fest. He made us proud by winning 4 out of 6 competitions.

Campus Life & Events

AU students don't limit their learning to the classroom. They join clubs, run for student government, try out for sports teams, and test their skills in academic competitions. The Student Experience at AU is about exploring all your capabilities (academic and otherwise) while learning the values of teamwork, and extending this knowledge to topics and causes that interest you beyond your major. A well-rounded education produces well-rounded individuals, equipped to take on the world and succeed in life after graduation. We have student clubs, all spearheaded by students like you.



SET organized a Fresher's Party for welcoming their new batch of students on October 2019. The spirits were high as the Seniors got together to welcome the new batch with foot-thumping dance and music.



SET at Ansal University, Gurugram in association with CSI student Chapter conducted a two day workshop on Blockchain (Ethereum learning) Technology on 27th - 28th September, 2019. This workshop was conducted in close association with our Knowledge partner Thingify(y).



SET organized a talk on Startup Enterprises 2020 for students on 11th September, 2019. The session was taken up by Mr. Hetal Sonpal, a dynamic and accomplished business leader with 20+ years in the Tech Industry. He apprised students about career opportunities in the field.



SET Orientation Program and Industrial Visits held from 19th August 2019 to 22nd August 2019.



SET successfully hosted a two day International Conference on Smart Cities ICSC 2019 during 8-9 March 2019. Mr. R K Bahuguna Advisor, GMDA Gurugram as chief guest and Prof Rob Rogemma, Professor Spatial Transformation, The Netherlands as key note speaker.



Department of Civil Engineering from School of Engineering and Technology organized a one day educational trip to Sewage Treatment Plant, Jhajjar on 1st February, 2019 for B.Tech Civil students. The purpose of the visit was to familiarize students with the procedure of municipal waste water treatment and its reuse.



Students & faculty of SET attended the 27th Convergence India 2019 (a conference cum exhibition event) held at Pragati Maidan Delhi on 29th Jan 2019.



SET, SSB and SOL organized an Inter University Sports Event- BLAZE 4.0.



SET successfully conducted a week long Ardee-Ansal College Bridge Program. In total 64 students from different branches of Ardee School including Gurugram, Delhi and Goa participated in the hands on sessions and Project development Modules. The project sessions included familiarization with sensors, basics of Coding, interfacing with Smart Boards, Android App Development, Controlling the Sensor Stack using Blynk App.



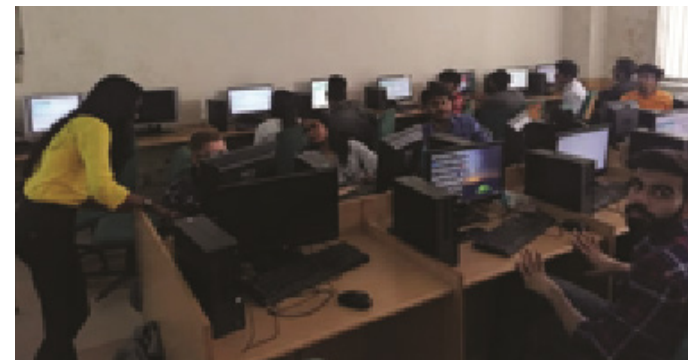
Ansal University as a participating institute in Unnat Bharat Abhiyan 2.0, installed a SOLAR POWER Project at one of its adopted village "Turkapur" on 1st August, 2019. The project was inaugurated by the Honorable Vice Chancellor, Ansal University and Sarpanch Turkapur. It was designed by our student Rahul D'Mello.



With an aim to explore beyond academics, an industrial visit to Hydro power plant was arranged by the Dept. of Civil Engineering, SET, Ansal University, for B.Tech Civil students from 15th April '19 to 16th April '19. The purpose of the visit was to provide an opportunity to the students to learn about the actual dam site conditions and to know about the practical concepts in the world of Hydro Power Generation. The officials of Dam provided full support and detailed information on the design of site conditions and working of Dam.



On 06, April 2019, second and third year students of Mechanical Engineering, Ansal University Gurugram Haryana have got an opportunity to visit the Asia's largest Air-conditioning manufacturing plant of Daikin at Neemrana, Rajasthan, India and gone through the Japanese way of manufacturing.



A two day long workshop was conducted at School of Engineering and Technology, Ansal University, Gurugram on 28th & 29th March 2019 on the training of Primavera and Tekla Structures Software for the students of B.Tech Civil Engineering.



The workshop on The Internet of Things - Hands on Development was held at SET, Ansal University, Gurugram on 28th March, 2019. The total 22 participants have participated in this workshop.

Alumni Speak



Deepak Bansal

Technical Solutions Consultant,
Google, San Francisco
B.Tech. (CSE) (2012-2016)

I am Currently working in Google as Technical Solutions Consultant at a very good package. Prior to joining Google I had completed MS from Northeastern University, Boston, MA and B.Tech from Ansal University. I did an eight-month internship at SessionM in Boston where he worked on projects with multiple teams of SessionM in multiple cities within US and also across the globe.



Madhav Verma

Lorem Ipsum
Lorem Ipsum
B.Tech. (IT) (2011-15)

The faculty, the institution, my peers and the relationships i've forged during my 4 year journey have been invaluable pillars of support. I believe without Ansal Universities support and guidance, I wouldn't have been where I am today. As I grow, I would want to continue making a positive contribution to the society and be an impactful steward for Ansal University. I am a Senior Associate at Wodehouse Capital, a multifamily office with a \$200 million asset base and an investment bank. At Wodehouse, I facilitate investments across asset classes, in line with the targeted returns of my clients and advise marquee enterprises in their private equity fundraise endeavours.



Prakhar Arora

Account Manager,
Times Internet, Times of India
B.Tech. (CSE) (2012-2016)

Ansal University has been a crucial milestone in my journey. The experienced professors and supportive staff is an asset to the college. They have always been motivated, helpful, giving proper guidance from time to time. The college strives to develop and nurture other aspects of the personality by conducting entrepreneurial, cultural and sports events. I am grateful to be a part of such an institution. I want to express my heartfelt thanks to the College who gave me the perfect opportunity to explore myself and raised my level of confidence.



Vaibhav Gupta

Co-Founder & Director
7 Hexagon Tech Labs Pvt. Ltd.
B.Tech. (CSE) (2010-2014)

I graduated from Ansal Institute of Technology in 2014 where I pursued B.Tech in Computer Science Engineering. I am self-motivated, passionate and hard-working person. Motivation may help in getting things started but it requires Discipline to keep things going. I decided to establish his company after graduation in October 2014. I also believes that a person should be an expert at whatever he/she does the best. Today my company is working closely with MNCs and few successful startups.



Apoorva Verma

Component Design Manager,
Intel Corporation

B.tech ECE (2010-2014)

In addition to the excellent academic program, Ansal University aims towards overall development of the students. Career advisory services, on-campus activities like cultural festivals, technical workshops and sport tournaments and professional clubs are all designed to provide students an enriching experience.



Mona Solution

Architect,
Amazon

B.Tech (CSE) - (2010-2014)

Ansal University has helped me hone my soft skills as well as provided me a strong technical background for what I am today. Looking backwards today, as a Cloud Solution Architect at Amazon, USA, I can totally connect the dots what sets me apart and made me succeed in life. I had my best time as an undergraduate student at Ansal University. Fabulous teachers who mentored me almost anytime. I remember spending my time in various multicultural activities during college which made me confident and helped me build my networking skills. Ansal has very special place in my heart with Koshish NGO, which we started at Ansal campus as students. I can't thank enough Ansal, its teachers and all its staff for making me ready to succeed in life.

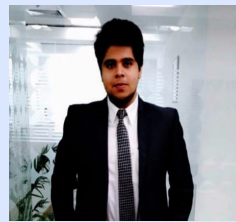


Shubrudeep Paul

Associate Solution Advisor,
Business Valuation
Deloitte India

B.tech ECE (2011-2015)

Over the course of my stay at this esteemed institute, I was fortunate to receive constant guidance and support from my mentors and teachers. They have helped me develop a technical way of analysing things, which in turn helped in faster grasping of various concepts in my post-grad. AU has provided a holistic environment for the students to successfully undertake their future aspirations.



Rohan Vasishtha

Business Analyst
Jindal Steel & Power Ltd

B.Tech CSE (2013-2017)

I am Rohan Vasishtha graduate from Ansal University is now working as a "Branding, Marketing and Communications Specialist" at Jindal Steel & Power Ltd. During my graduation, I have been placed in Audi as a "Business Analyst". I am thankful to my faculty members, Dean and all Ansal University administration for their constant support throughout my graduation. AU has provided me perfect environment to hone my skills how a blend of smart work and hard work is a key to stay relevant in the current times and be prepared for future challenges.

Our Alumni Work At

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