

Allenhouse

Institute of Technology

B.Tech • Polytechnic

Rooma, Kanpur



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www.allenhouse.ac.in @ info@allenhouse.ac.in

allenhousegroupofinstitutions

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www.allenhouse.ac.in

4th
Rank in
UP

Private Engineering Institute
by the
Education World India 2021

Top Engineering Institute in Kanpur
in the category of
PLACEMENTS



by Times - All India Annual Engineering
Institutes Ranking Survey 2021



Allenhouse

GROUP OF INSTITUTIONS

Allenhouse
Institute of Technology
Code : B.Tech - 505 • Diploma - 3395

Approved by AICTE and affiliated to
Dr. A.P.J. Abdul Kalam Technical University

B.Tech : CE•CSE•CSE (AI&ML)•ECE•ME
Diploma : Mechanical (Prod.)•Electrical•Civil

Allenhouse
Business School
Code : KN-161

Approved by AICTE and affiliated to
CSJM University, Kanpur

BBA • BCA

Allenhouse
Institute of Management
Code : 1131

Approved by AICTE and affiliated to
Dr. A.P.J. Abdul Kalam Technical University

MBA •Finance•Marketing• Operations
•International Business •Human Resource
•Information Technology

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Chairman's Message

We envision and endeavor to establish knowledge based and research oriented Institution with dedicated faculty and staff members to edify talented students. With the concrete base of human values, we strive to excel in education, research, innovation and management of technology. With its modernistic infrastructure, the Institute is a center where the students acquire holistic, technical and management education in multiple disciplines and create young and dynamic engineers, managers and entrepreneurs.

This institute has toiled and improvised to bring out the best of engineers and managers. We have always focused on making the students not only learn from the classroom but also apply that learning in practical life. We seek perfection and perseverance in all the challenges.

Mukhtarul Amin

Chairman
Superhouse Group



From the Campus Director's Desk

"Change is the end result of all true learning." Leo Buscaglia

We, at Allenhouse Group of Institutions, believe that in today's business environment characterized by volatility, uncertainty, complexity and ambiguity, engineers and managers have to learn to update themselves constantly on the front of knowledge, skills and attitude needed to be effective in their organizations. As a pioneer institution providing education in Engineering, Management, Computer Applications and Polytechnic, we enable students to take these challenges and solve problems in real time. We also believe in nurturing the spirit of entrepreneurship amongst our students with innovative teaching methodologies, curricular and extra-curricular activities which enable students to learn and develop the personal and social values and to take ownership of their choices to realize their own unique potential. We stand committed to the academic success and social-emotional well-being of every student of our institution and welcome you to experience the 'Allen'life!

With Best Wishes,

Prof. (Dr.) Bhagwan Jagwani

From the Director's Desk

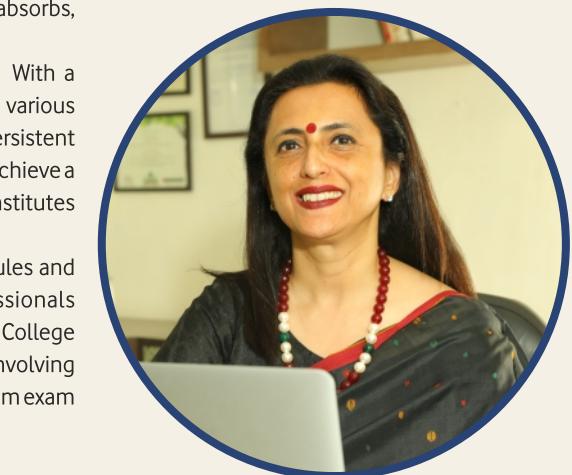
"Learning is creation, not consumption. Knowledge is not something a learner absorbs, but something a learner creates." - George Couros

With immense pleasure I welcome you to Allenhouse Group of Institutions. With a mission to nurture talents in the field of education and help students to meet various challenges we established Allenhouse Group of Institutions in 2009. Our persistent efforts and continuous strive for academic excellence in education has made us achieve a remarkable presence in the list of Best Engineering Institute and Top Emerging Institutes of India.

Equipped with its innovative teaching pedagogy, comprehensive training modules and state-of-the-art facilities, students are transformed into seasoned professionals possessing the right mix of calibre, competency, mindset, and attitude. The College encourages its students to participate in a creative exploration of knowledge involving hands-on activities which provide 'learning by doing' environment far different from exam centric rote-learning.

With Best Wishes,

Dr. Rubby Chawla



From Director-AIT's Desk

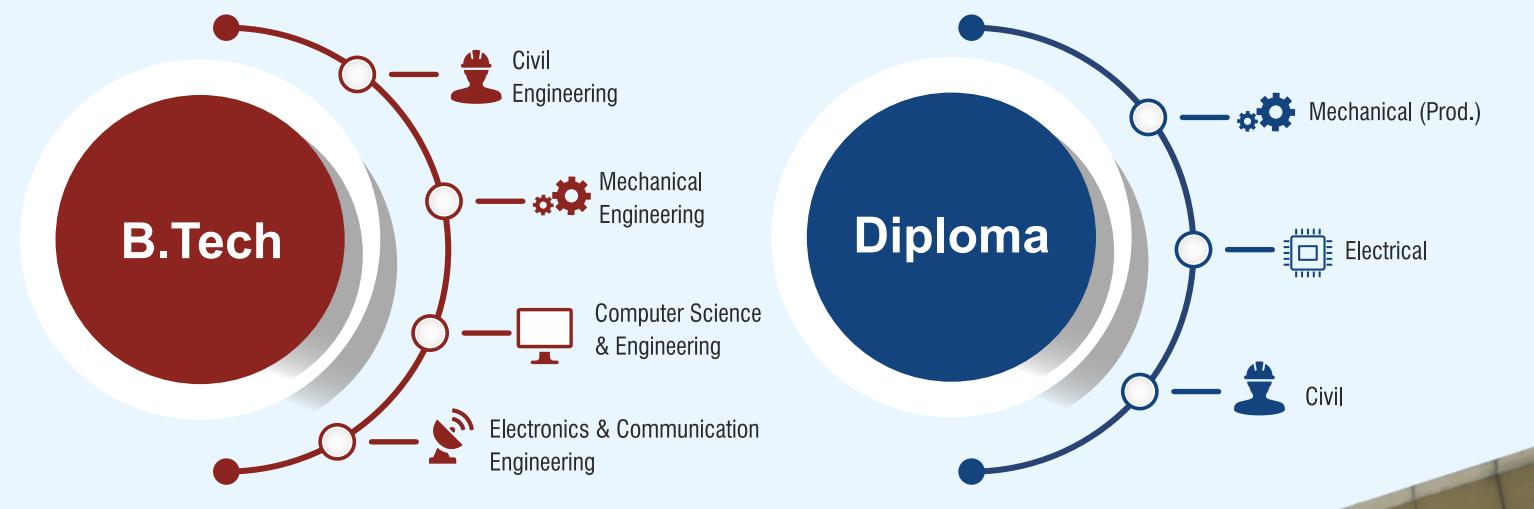
At Allenhouse Institute of Technology, our mission is to provide a safe & secure environment in which every student can develop the skills and knowledge needed to become accomplished & productive members of the ever-changing global community. "Excellence and values" are our core guiding principles and they reflect in all our activities. Besides student-centric teaching methodology, we practice world-class active learning which focuses on true learning and our teachers teach not as 'sage on the stage' but as 'guide by the side'.

We are looking forward to be among the top institutes in the country.

With Best Wishes,

Prof. (Dr.) Somendra Shukla

Allenhouse Institute of Technology



About Allenhouse Institute of Technology

Allenhouse Institute of Technology, Kanpur, approved by AICTE and affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow, Uttar Pradesh was established in the year 2009 with a vision to be pioneer in technical education, producing graduates with professional skills acknowledged across the world. Allenhouse Institute of Technology has consistently thriven to achieve its objective of inculcating thorough knowledge and encouraging innovative application of technology along with entrepreneurship development.

Vision

To be pioneer in the arena of engineering education to produce graduates with professional skills for the nation and the world.

Mission

An Institute of excellence to impart quality based education, innovations and societal concerns.



B.Tech. in Computer Science & Engineering

In tune with the global development, Allenhouse Institute of Technology initiated several research programmes in Computer Science & Engineering in the year 2009, when the Department of Computer Science and Engineering came into being. Since then it has been offering most sought after courses in the field of Computer Science and Engineering at undergraduate level.

The department of Computer Science & Engineering offers a 4 year B.Tech programme with an intake of 60 students. This department provides the best quality software engineers who serve leading firms and MNCs not only in India but also abroad. The department has well- qualified staff, infrastructure and state-of- the- art equipment.

Cloud Computing

Cryptography

Bioinformatics

Software Development

Cyber Security

Ethical Hacking

B.Tech. in Computer Science & Engineering

(Artificial Intelligence & Machine Learning)

The department has lately introduced a modern field of study offering a 4 year B.Tech programme in Computer Science & Engineering specialising in Artificial Intelligence & Machine Learning with an intake of 120 students. Apart from regular academic work, the department is actively involved in industrial training, consultancy, research and other professional activities. The department has close interaction with software development firms as well as R&D establishments and provides students with projects which continuously expose them to industry and assist them in their technical development.

Robotics

Neuroscience

Machine Learning

Knowledge Engineering

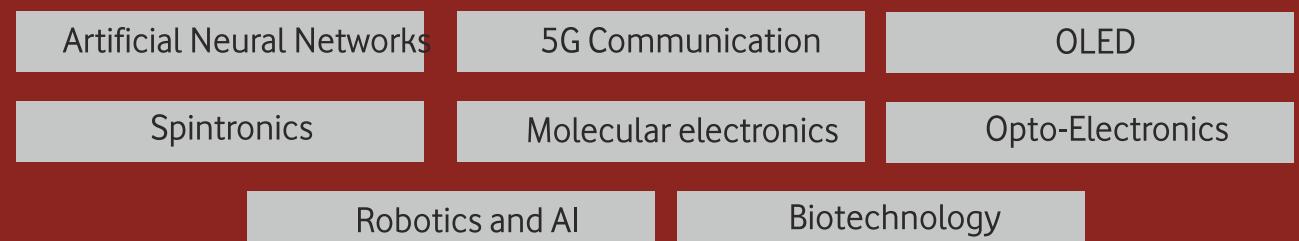
Deep Learning

Heuristic

B.Tech in Electronics & Communication Engineering

Allenhouse Institute of Technology offers a Bachelor of Technology degree in Electronics & Communication with an intake of 30 students. It is one engineering discipline that has remarkably contributed the evolution of mankind. This discipline aims at imparting requisite fundamentals of electronics and communication. The course offers a study that engages students in projects and activities that provide them with profound understanding and implementation of principles of electronics and communication. The students learn about subjects like digital electronics and logic design, fundamentals of communication engineering, electronic circuits, signals and systems, power electronics, applied electromagnetic theory, integrated circuits, VLSA, control systems and computer architecture.

The department of Electronics and Communication has been playing a vital role in producing engineers of highest calibre. The infrastructure and lab facilities are upgraded from time to time and provide adequate opportunities for students to learn and innovate. The department has always been on a high growth path and has experienced, dedicated and distinguished faculty to assist in keeping pace with ever emerging technology. This inclination towards evolution encourages students towards research and development along with practical knowledge and workshops that they require.



B.Tech in Civil Engineering

Allenhouse Institute of Technology offers a full time bachelor's degree in Civil Engineering with an intake of 30 students. The Department has state-of-the-art laboratories ranging from building material lab, surveying lab, structure lab, geo-technical lab, transportation lab to fluid mechanics lab equipped with best in class laboratory instruments. This includes geo-work station capable of surveillance up to a range of five kilometres, hydraulic turbines ranging from Pelton wheel, Kaplan, Francis turbine and many more. A strong foundation is laid through courses on concrete and steel structures, geotechnical engineering, environmental engineering, transportation engineering and irrigation engineering with computer application. Students are offered a variety of electives like Advance Engineering, Properties of Soil and Rock Mechanics, Bridge Engineering, Non-linear Analysis of Structures. The theoretical courses are supplemented by imparting practical experiences through well-equipped laboratories.

The Department of Civil Engineering with its multifaceted faculty continues to maintain and cultivate its strong links with the industry, academic and research institutions in India. The department executes basic and applied research which helps the students in understanding the concepts through practical implementation thereby preparing the students for success in their careers. The faculty contributes its services to institutions in order to keep themselves abreast with the technology.

Green Building

Fracture Mechanics

Sustainable Development

Earthquake Engineering

Hydraulics

Climate Hydrology

B.Tech in Mechanical Engineering

Mechanical Engineering Department at Allenhouse Institute of Technology has been into establishment since its inception in the year 2009. The state-of-the-art workshops and laboratories impart best practical exposure and training to students along with catering to their research needs. This department consists of an Internal Combustion Engineering Lab which is equipped with latest SI and CI test rigs along with two stages reciprocating air compressor for experimental as well as project use. Besides material testing and measurement, laboratories for heat and mass transfer, refrigeration and air conditioning are also equipped with latest experimental setup to provide students with exposure to real world mechanical problems.

This program at undergraduate level provides a solid foundation for career in industry, entrepreneurship, research and academia. In the current era of technological advancement, Mechanical Engineers also have prospects in various upcoming fields like, biomedical engineering, biomechanics, transport phenomena, biomechatronics, bionanotechnology and modelling biological systems.

Mechatronics

Nanotechnology

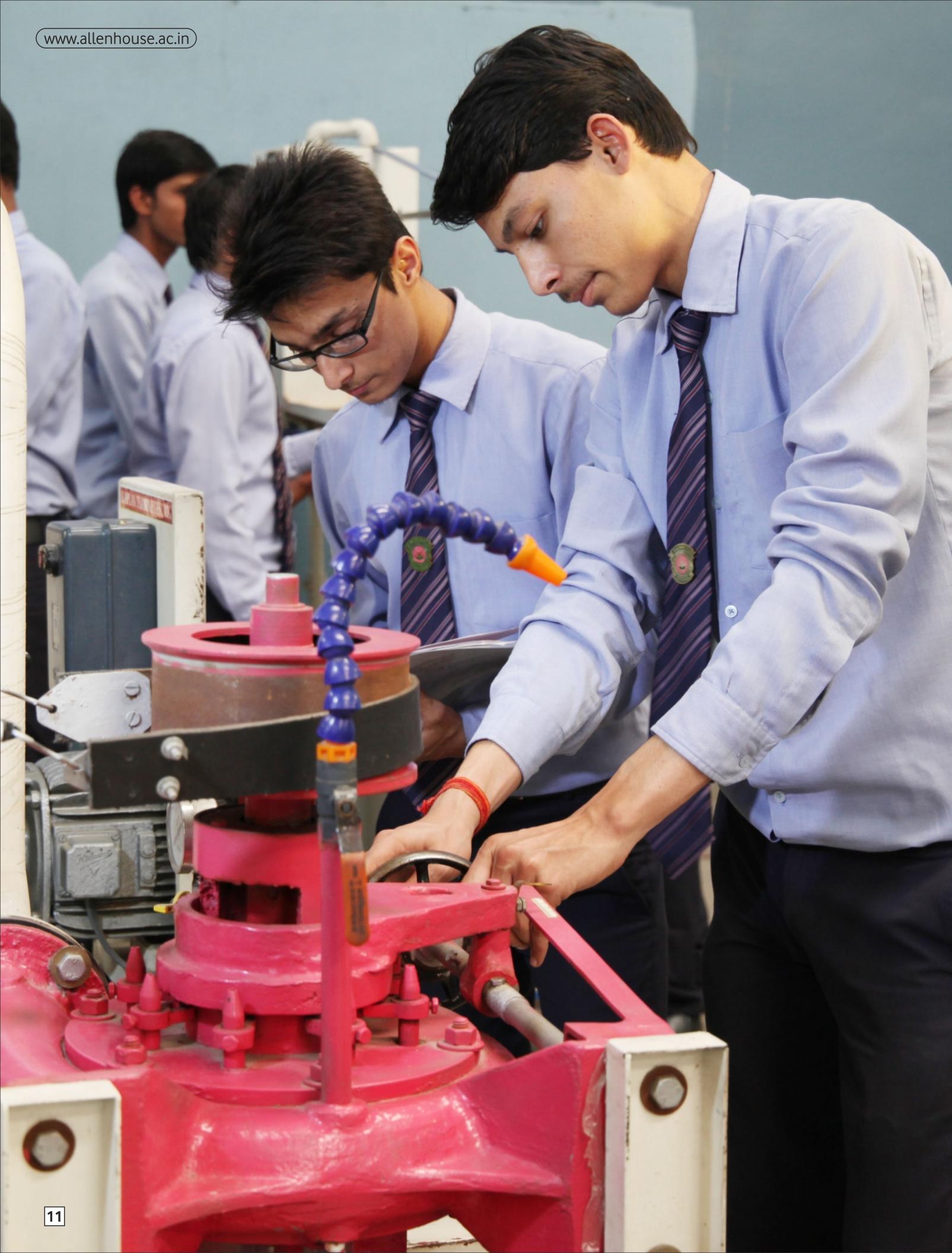
Thermodynamics

Aerospace

Opto-Mechanics

Space Travel Vehicles





Diploma in Engineering

Diploma in Technical Education,
approved by AICTE, New Delhi and
Board of Technical Education U.P, Lucknow

Mechanical Engineering (Production)

At Allenhouse Institute of Technology, Diploma in Mechanical Engineering is a course with a duration of 3 years and an intake of 60 students, specialising in the field of engineering that involves the application of the standards of Material Science for investigation, planning, assembling and upkeep of mechanical frameworks.

Electrical Engineering

At Allenhouse Institute of Technology, Diploma in Electrical Engineering is a course with a duration of 3 years and an intake of 60 students, specialising in the field of engineering that generally deals with the study and application of electricity, electronics and electromagnetism.

Civil Engineering

At Allenhouse Institute of Technology, Diploma in Civil Engineering is a course with a duration of 3 years and an intake of 60 students, specializing in design, construction, and maintenance of physical and naturally-built environment, such as roads, bridges, canals, dams and buildings.

Pedagogy



Why is Allenhouse Group of Institutions a Student's First Choice?

Campus & Infrastructure: Lush Green Campus with state-of-the-art classrooms, computer labs and seminar halls.

Faculty: Well-qualified faculty with rich industry and research experience that focuses on outcome based student-centric learning.

Blended Learning Programme: Proficient faculty and adequate infrastructure to conduct blended or online learning for students.

Placements: Constantly adding to the pool of companies on campus with highest offered package of Rs. 18 LPA.

Rich Alumni Base: Large alumni base excelling professionally in many leading organisations, with active networking and mentoring.

Holistic Learning: Rich learning through co-curricular activities, literary club, yoga, personality grooming and opportunities for students to work on concurrent projects.

Academic Associations: Associated with various academic projects like NPTEL funded by MHRD, Govt. of India, membership of National Digital Library of India, All India Management Association, Imperial Society for Innovative Engineers DELNET.

Entrepreneurship Cell: A separate cell for Entrepreneurship Development in the Institution with a motive to create awareness on entrepreneurship as a career option among the students

Trainings at Allenhouse Group of Institutions

As the world heads towards digitalization and incorporation of robotic processes in various fields of engineering and production, the need to be technically proficient in latest advances is at the crest. To combat professional challenges and to gain competence in technical knowhow it is imperative to give students significant opportunities to improve their technical skills. Allenhouse Institute of Technology has been consistently endeavoring in providing sought-after technical trainings to its engineering students in collaboration with highly experienced and proficient industry training experts.

Civil Engineering:

- AutoCAD
- MS Project/ Prime Veera
- Revit Architecture
- STAAD Pro / MX Road

Computer Science Engineering:

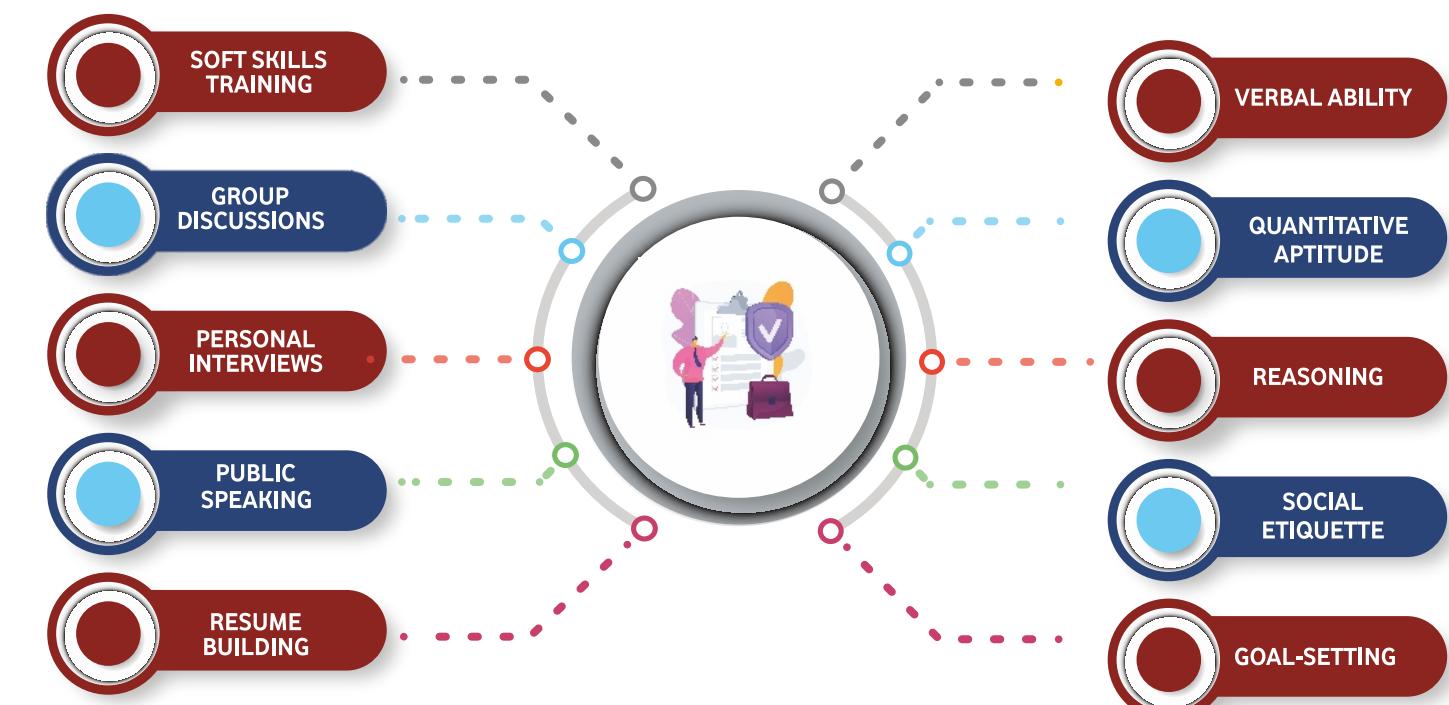
- Advance C + Web Technology
- Django Framework & Android
- Core Java | Python

Electronics & Communication

- C Programming
- Python Programming
- IOT
- ARDUINO

Mechanical Engineering:

- C-PROGRAMMING
- Solidworks
- Rapid Prototyping & Manufacturing
- AutoCAD Inventor
- HSM-CAM



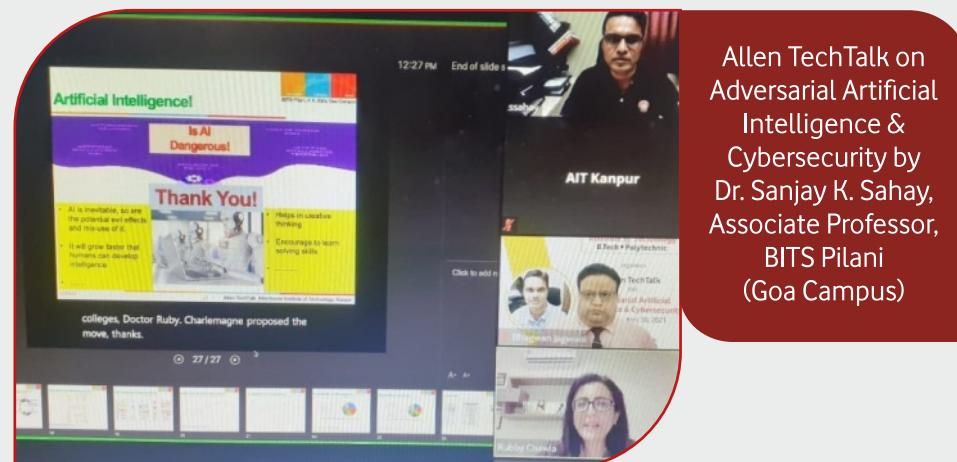
Community Clubs at Allenhouse Group of Institutions



Interaction with Experts at Allenhouse



Dr. J. Ramkumar, Prof. Department of ME & Design Program, Indian Institute of Technology Kanpur



Allen TechTalk on Adversarial Artificial Intelligence & Cybersecurity by Dr. Sanjay K. Sahay, Associate Professor, BITS Pilani (Goa Campus)



Grooming Skills by Ms. Namita Soft Skills Trainer & Image Consultant



Workshop on 'Quality Assurance Through Accreditation Process & Outcome Based Education' by Prof. (Dr.) Brijesh Singh, Director, Galgotias College of Engineering & Technology, Greater Noida



Dr. Narendra Kohli, Professor & Head of Dept. CSE, HBTU, Kanpur



AllenOource-The HR Symposium
Plenary Sessions & Panel Discussions by 16 HR Professionals from across the country.



Guest Lecture on 'Introduction to Payload Development for Space Missions' by Mr. Sanjeev Kr. Mishra, Scientist/Engineer-SD, Department of Space, Govt. of India



Guest Lecture on New Building Materials in New Age Construction for B.Tech Civil Engineering students. by Mr. Praveen Kumar Singh, Deputy Manager, Ultratech Cement.



Industrial visit by students to Trident Auto Components Pvt. Ltd



Industrial visit by students to Frontier Alloy Steels Ltd.

A Virtual Rendezvous with the Experts



Ravi Kumar Gautam
IES Officer
Indian Railways



Dr. Ashok Kr Singh
MD, DNB, FICCM, MNAMS, EDRM
Sr. Consultant
Pulmonary & Critical Care Medicine
Regency Hospital, Kanpur



Shri Asim Arun, IPS
Commissioner of Police
Kanpur City



Dr. Shravan Mehra
DCH DNB MNAMS
Fellowship PED Critical Care
Fellowship Neonatology
Amritsar



Amareesh Mishra
A life coach & Yoga Instructor



75th Independence Day

Life at Allenhouse



AllenConnect - The Alumni Meet



Nukkad Natak on Hindi Diwas



World Population Day Awareness Programme



Rangoli Competition



Yoga Sessions for healthy mind and body



Outdoor Games - Oorja-21



Health Checkup Camp by Apollo Hospitals



Eye Checkup Camp by Khairabad Eye Hospital



17 International Literacy Day Awareness Program



Indoor Games - Oorja-21



Reeth - The Fresher's Party

Amenities at Allenhouse Group of Institutions

Central Library



With a fully air-conditioned, modern and digital Central Library, Allenhouse Group of Institutions offer the most up-to-date information to all students & faculty members. The Central Library, with a huge reading room accommodating 150+ students, is well equipped with 3000+ text and reference books containing 37000+ volumes, subscription to 40+ international journals along with business magazines, competitive magazines, newspapers, thesis and projects. The digital library provides access to membership of DELNET, National Digital Library (NDL) from IIT Kharagpur and e-consortium from AKTU. It facilitates remote access to students along with access to number of e-books, e-journals and project reports.

Hostel



Allenhouse Group of Institutions has got students enrolling from across the country and hence to make available a safe and secure environment, separate hostel facilities are provided to both girls and boys with 3 meals a day, 24 X 7 electricity & water supply along with Wi-Fi connectivity. Accommodating around 300+ students each hostel has a resident warden and essential staff. Students are allotted rooms on double or triple sharing on first-come-first-serve basis. There is an on-campus canteen as well that provides hygienic and affordable food at lunch and dinner time. Large playgrounds as well provide ample recreational space to students. Also, separate gyms have been set-up for both boys and girls to foster a healthy lifestyle for students.

IT Infrastructure



The most crucial resource that keeps Allenhouse Group of Institutions at the forefront of all emerging and trending technologies is the IT infrastructure of the campus. To stay abreast with the times, the computer labs are well equipped with desk mounted systems supported by internet cables and leased lines for information exchange and connectivity. To further ensure uninterrupted internet access, the Campus has HP Proliant ML 110 G6 and HP Proliant ML 150 servers catering to the needs of the campus at present. The entire building is networked through CAT6 cabling. All the floors in the main block, library, mechanical block and all the hostel blocks are connected through fibre optic cable to the main academic block. In all, there are 500 computers of latest configurations in the campus at different locations.

Security Services



The entire campus is under CCTV surveillance and security guards 24x7. All code of conduct and discipline issues are administered by the Chief Proctor of the colleges. Besides anti-ragging squad, women grievance cell are also operational to ensure assistance to students at all times. Students are not permitted to leave the campus without prior permission from the Director, college gates are locked during college hours for trespassers to ensure high level security measures.

Health Centre



Allenhouse Campus provides infirmary services with a doctor for first-aid treatment and emergency medical care to the students and staff. We have a tie up with best medical practitioners in the city for emergency medical care and treatment at a reduced cost. For further medical assistance Institute also provides ambulance services to the nearest hospitals.

Cafeteria/Canteen



The campus has a full-fledged cafeteria that enables all students to have meals, snacks, soft drinks and hot beverages at major meal times. Allenhouse cafeteria services have been awarded by Red FM as the Best College Cafeteria in Kanpur region. The college cafeteria is called "Appetite" which reflects our conscience to keep the quality and hygiene of food facilities above par standards. Our cafeteria serves different cuisines to satisfy the taste buds of all our students coming from different background.

A Glimpse of Placements at

Allenhouse Institute of Technology

WIPRO



TCS



ANGLO-EASTERN

Vishwas
Nagrath

18 Lacs
Per Annum

ANGLO-EASTERN

INFOSYS



TECH MAHINDRA



Campus Placement Drives



W3Villa Technologies

JARO EDUCATION



Love Arora



Vaishnavi Dixit

BYJU'S



Tuba Khalid



Aditi Jha

SmartBrains

IBM



Devashish



Milan Gautam

W3VILLA



Prashant Joshi



Pragati Tiwari

iBirds Software

CAPGEMINI



Mohd. Hassan Raza



Harshit Yadav



Rehan Ansari



Amit Bhati

HCL Technologies

UNO MINDA



Mona Lalaib



Anmol Gupta

GYAN DAIRY



Abhay Chaurasia



Bhoomika Yadav

CloudShope Technologies

COLLABERA



Vanshika Tiwari



Anmol Agrawal



Ashmal Aijaz



Akash Kumar

SMARTBRAINS



Chandrakant



Rishabh Kumar



Anshuman Pratap



Mohd. Danish

Collabera

NIIT



Mohit Kushwaha



Pushpendra Kamal



Anshika Singh



Corporate Speak



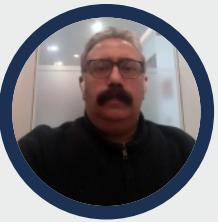
It was good to meet the talented students of Allenhouse. It was remarkable to find their discipline and enthusiasm towards new learning.. we give our best wishes to the college and faculty members for a better tomorrow.

- **Mr. Prabhat Ranjan**
Associate General Manager
HCL Technologies



It was a fantastic day to spend with so many learned people around at Allenhouse Group of Institutions. Thanks for the excellent hospitality and care you gave during our whole stay there.

- **Mr. Vir Bharat**
Head HR, Business Partner
Yamaha Motor Solutions



I found the campus very beautiful and well maintained, it shows the involvement of the people at the helm of affairs. During my interaction with the students I found them well groomed and well behaved. It shows the intense effort you put in with the students.

- **Mr. Shubhaankar Chakraborty**
Director - Alliance and
Partnership (Academia)
Imperial Society of Innovative
Engineers



4th
Ranked
in B.Tech in
AKTU

Mariam Rehman
B.Tech (ECE)

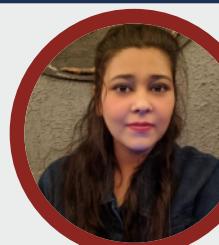
Wall of Fame

One District One Product Pilot Hackathon 2021
organised by AKTU, Lucknow

Simran Jeet Kaur B.Tech (ECE) Rank 4	Mohd. Zaman B.Tech (ME) Rank 5
Rishabh Vishwakarma B.Tech (ME) Rank 7	

iCREATE
International Centre for
Entrepreneurship and Technology
Gujarat State

**Shesh Kumar Patel, Avanish Kumar
Vedanth Pathak**
Received grant of Rs. 50,000
for developing an Automatic Temperature Sensor
Machine for the Government of Gujarat.



It was a lifetime experience studying in Allenhouse. I cherish every moment spent here. I got all the support & guidance from Faculties & Management. These four years have given me friends for life. It has been an unforgettable journey.

- **Akshita Pandey, B.Tech (CSE)**
Accenture Pvt. Ltd.



My college life has been so exciting. It was a perfect blend of joy and hardship. Allenhouse provided me the platform to build my strength and also helped me to understand my weaknesses. It prepared me to become stable and calm in every situation.

- **Anand Gupta, B.Tech. (ME)**
Indian Railway



Allenhouse Institute of Technology embedded in me the facts that knowledge has a lofty position, the quest for excellence should never stop, challenges should be treated as opportunities and leadership should be assumed with integrity. These values are for a lifetime and will always keep me indebted to Allenhouse.

- **Zuhai Ahmad, B Tech-ME**
IRC Engineering Services



Entering Allenhouse was one of the best things to happen in my life, both on personal and professional front. It guided me to inculcate many skills which helped me to become a successful professional. The faculty support was over and beyond limits and the ambience of the college has always been so positive and encouraging to learn.

- **Vikalp Mishra, B.Tech (EN)**
Schindler India



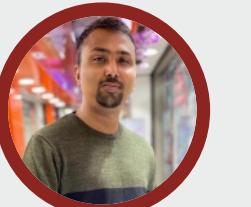
If you want to achieve all the heights in your life then you should be "At the right place, at the right time. doing the right thing." For me, the right time & right place where my faculties motivated me, not only to focus on only subjects but also on other areas to develop my career at Allenhouse.

- **Amit Singh**
SFDC Panther



Allenhouse Group of Institutions gave me the innumerable challenges to explore the undiscoverable in me. Along with the academics, the institution focused on my personality development which helped me in building a rewarding career.

- **Lamiya Naseem**
Unacademy



All the faculty and staff members are very helpful and they guided us all the time. Different events and sessions did boost my confidence to an extent that it reflects in my personality at my workplace now. Thanks to all those who have been a part of my life in encouraging me throughout.

- **Adil Al Ayubi, B.Tech. (ECE)**
Principal Controller of Defence Accounts, Southern Command, Pune