

Approved by AICTE  
Accredited by NAAC with "A" Grade  
Recognized by UGC under Section 2 (f)

# DAVIET

ENGINEERING FUTURES  
THROUGH INNOVATION



## Admission Brochure (2023-24)

**DAV INSTITUTE OF ENGINEERING & TECHNOLOGY**  
**KABIR NAGAR, JALANDHAR, PUNJAB-144008**

[www.davietjal.org](http://www.davietjal.org)

# GENESIS

## VISION

To attain the coveted status of a growth oriented resource of National Importance known for quality professional education, research and innovation.

## MISSION

To provide professional education with a difference confirming a confluence of inter-/multi-disciplinary knowledge domains; targeting excellence in collaboration with Industry; promoting creative competence and innovation aimed at producing skilled human resource and entrepreneurs; sustaining Indian ethics & moral values.

### CORE VALUES

Competence	Integrity
Creativity	Innovation
Trust	Excellence
Community	

## ABOUT DAVIET

DAV Institute of Engineering and Technology was established in 2001 under the aegis of DAV College Trust & Management Society, New Delhi. DAV College Managing Committee is the Executive body of the said Trust and as a cultural and administrative monolith happens to be the biggest stake-holder in academic management in India. Over the years, this nodal organization has played a stellar role in rejuvenating the Indian society intellectually, emotionally and spiritually. DAVCMC is the largest non-governmental educational organization in India and is managing a chain of more

than 900 institutions in India and abroad.

The Management is about 137 years old & its educational budget is next to the central government of India and more than that of any state government. DAVCMC has established a number of Medical Colleges, Polytechnics, Industrial Training Centers, Arts & Science Colleges. All these institutions are known for the highest level of dedication, sincerity, commitment and discipline. DAV institutes have established a reputation for academic excellence and character building. Every year thousands of students pass out of these institutions and distinguish themselves at various national and international platforms. Consequently, the society has, as its alumni, distinguished jurists, diplomats, doctors, engineers, scientists, educationists, literary figures and sportsmen. DAVIET is the first Engineering Institute of DAV College Trust and Management Society.

At DAVIET, we provide our students with the best professional education. We

believe in creating professionals equipped with right skills and attitude by endowing them with high moral values, sound intellectual powers, refined analytical and decision-making skills. Hence, the objective behind the establishment of this institute was not merely the dissemination of knowledge but to provide the necessary skills and mental attitudes to face the vagaries of life. Thus, there is a sustained endeavor to provide quality education with a difference.

## LOCATION

The institute is located in the heart of Jalandhar city on a prime piece of land on the left side of Jalandhar-Amritsar National Highway. DAVIET spreads over an area measuring 11.6 acres possessing extremely beautiful landscape with a running canal on its back and historical Burlington Park on its front.

The Institute is well connected by Rail (Jalandhar City Junction: 4 Km), Road (Jalandhar ISBT: 5 km) and Air (Adampur Civil Airport: 22 km).



# THE DAVIET ADVANT'EDGE'

## DAV LEGACY

We have been committed to the cause of quality assurance since 1886, having a pan India presence with 900+ Institutions.

## TOP RANKED ENGINEERING COLLEGE

- Accredited for Placements by WIPRO-2009
- Awarded Best Engineering College Status by PTU-2013
- Times of India Edupreneurs' Award-2017
- Educational Excellence Award at Indo-Global Education Summit-2017
- Awarded Outstanding Institution (Engineering Colleges) Award by NITTR Chandigarh-2018
- Conferred with Award of Best Chapter of ISTE Punjab, Chandigarh, HP and J&K Section -2018
- Conferred with the status of 'Host Institution (HI)/Business - Incubator (BI)' by MSME, New Delhi-2018
- Ranked as Top Engineering College at Higher Education & Human Resource Conclave Chandigarh-2018
- Ranked in Top digital LEARNING Ranking Survey 2018
- Ranked 110<sup>th</sup> amongst the 'Best Private Engineering Colleges' of India by The Week-Hansa Survey 2020.
- Ranked 17<sup>th</sup> in India's Out-standing Engg. Colleges of Excellence' as per CSR GHRDC Engineering Colleges Survey 2022
- Ranked 74<sup>th</sup> amongst India's 'Top Private Engineering Colleges' by India Today Survey 2022

## ONLINE TEACHING-LEARNING

In response to COVID-19, we are also committed to providing quality education in online mode. We have e-books, e-resources, e-journals, recorded lectures, webinars and live online classes. In addition, we conduct practical sessions

through virtual labs, simulation tools and recorded demonstrations. Our faculty has been specially trained to prepare and deliver e-content through various modes.

## WELL-QUALIFIED, SYNERGIZED & RESEARCH-ORIENTED FACULTY

Competent faculty to enlighten the budding intelligentsia, ensuring a confluence of knowledge, skills and dynamic behavioural quotient in our stakeholders. 80+ faculty have completed or are in the process of conducting the doctoral research.

## IN CAMPUS ACCOMMODATION

DAVIET has two boys' hostels and one girls' hostel offering single, double and triple occupancy AC/Non-AC accommodation with quality and hygienic food through the co-operative mess.

## BANKING FACILITY

DAVIET houses an entirely Air Conditioned branch of Punjab National Bank with ATM and locker facility.

## MoUs WITH ACADEMIC INSTITUTIONS

- The University of Ontario, Institute of Technology, Canada
- Indian Institute of Technology, Ropar
- National Institute of Technology, Delhi
- National Institute of Technology, Hamirpur
- National Institute of Technology, Jalandhar

## CENTRES OF EXCELLENCE/ INDUSTRY TIE-UPS

- Microsoft Certified Campus
- Texas Instruments Innovation Lab
- CISCO Networking Academy
- Reliance Jio Infocomm Ltd., Mumbai
- EdGate Technologies Pvt. Ltd., Bengaluru
- Sedulity Solutions & Technology, Delhi

## CENTRE FOR INCUBATION & ENTREPRENEURSHIP

The centre aims to nurture the innovative entrepreneurial ideas of the budding technocrats to set up their ventures and thus enable them to be job creators rather than job seekers.

## DAVIET - A CYNOSURE FOR RECRUITERS

Excellent Placement track record with more than 200 students passing out this year already placed in top companies with the highest pay package of 10.5 LPA.

## MEDICAL CARE

Well qualified doctor and resident nurse available in the Institute. DAVIET facilitates group medical insurance for all the students and has tie-up with reputed multi-speciality hospitals for medical care of the students.

## RESEARCH INITIATIVES

The faculty is involved in Proactive Research in the fields of Nano-Technology, Lightwave Communication, Electromagnetics, Antenna Design, Robotics, Image Processing, Power Quality Robust Control Design, Soil Reinforcement, Self Compacting Concrete, Material Science, Organic Chemistry, Heterocyclic Chemistry, Green Chemistry, Nano-Chemistry, Manufacturing Process, Wireless Sensor Networks, Computational Intelligence, Computer Networks, Machine Learning, Risk Management, Mathematical Modeling & Linguistics.

## CONSULTANCY

DAVIET has the state of art laboratories and ultra-modern equipment not only for upgrading the students' skills but also for carrying out consultancy projects. The students are made to visit the consultancy sites to make them understand the use of the equipment.

# PROGRAMMES OFFERED

## UNDER-GRADUATE ENGINEERING PROGRAMMES (Direct/Lateral Entry)

B.Tech.	Annual Intake (Direct)	Annual Intake (Lateral Entry)*
Civil Engineering	60	06
Computer Science & Engineering	120	12
Computer Science & Engineering (AI & ML)	60	06
Electronics & Communication Engineering	60	06
Electrical Engineering	60	06
Mechanical Engineering	60	06

\*The vacant seats of B.Tech. 1<sup>st</sup> year shall be filled through lateral entry.

## POST-GRADUATE ENGINEERING PROGRAMMES (Regular)

Course	Annual Intake
Civil (Structural Engineering)	18
Computer Science & Engineering (AI&ML)	18

## BUSINESS ADMINISTRATION

Course	Annual Intake
Master of Business Administration (MBA)	120
Bachelor of Business Administration (BBA)	120
Bachelor of Commerce with Honours (B.Com)	60

## COMPUTER APPLICATIONS

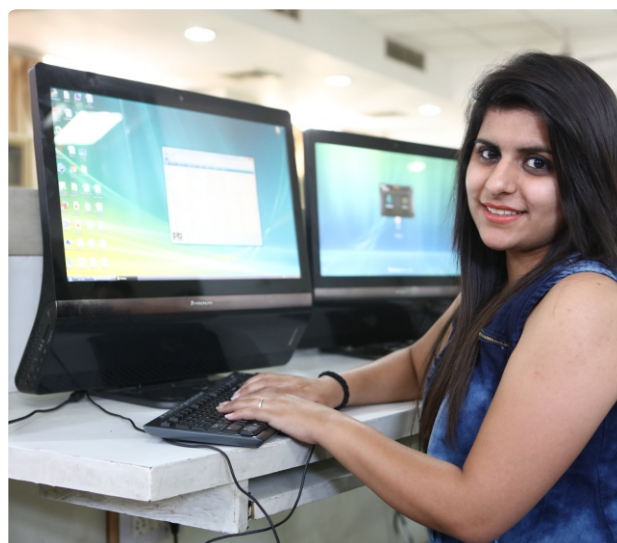
Course	Annual Intake
Master of Computer Applications (MCA)	60
Bachelor of Computer Applications (BCA)	180

## HOSPITALITY MANAGEMENT

Course	Annual Intake
Bachelor of Hotel Management & Catering Tech. (BHMCT)	120
Bachelor of Tourism & Travel Management (BTTM)	30

### Major and Minors degree in B. Tech.

To complement the academic programs I.K. Gujral Punjab Technical University has initiated the minors and major programme to the undergraduate students enrolled in the B.Tech. The B.Tech students can choose from a list of disciplines that offer a Minor option. Obtaining a Minor typically involves taking a set number of additional courses, determined by the department offering the minor, and once completed the Minor is indicated on transcript.



# ADMISSION PROCEDURE

## ELIGIBILITY CRITERIA

### B. TECH. (Duration : 4 Years)

Passed 10+2 examination with Physics/ Mathematics / Chemistry/ Computer Science/ Electronics/ Information Technology/ Biology/ Informatics Practices/ Biotechnology/ Technical Vocational subject/ Agriculture/ Engineering Graphics/ Business Studies/ Entrepreneurship as per table 1.3(a) of AICTE Approval Process Handbook 2022-2023.

OR

Passed min. 3 years Diploma examination with at least 45% marks (40% marks in case of candidates belonging to reserved category) subject to vacancies in the First Year, in case the vacancies at lateral entry are exhausted.

(The Universities will offer suitable bridge courses such as Mathematics, Physics, Engineering drawing, etc., for the students coming from diverse backgrounds to prepare Level playing field and desired learning outcomes of the programme).

### B. TECH. - Lateral Entry (Duration: 3 Years)

Passed Minimum THREE years / TWO years (Lateral Entry) Diploma examination with at least 45% marks (40% marks in case of candidates belonging to reserved category) in ANY branch of Engineering and Technology.

OR

Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% marks in case of candidates belonging to reserved category) and passed 10+2 examination with Mathematics as a subject.

OR

Passed D.Voc. Stream in the same or allied sector.

(The Universities will offer suitable bridge courses such as Mathematics, Physics,

Engineering drawing, etc., for the students coming from diverse backgrounds to achieve desired learning outcomes of the programme). Refer table 1.10 of Appendix-1 of AICTE Approval Process Handbook 2022-2023.

### M. TECH. - Regular (Duration : 2 Years)

Passed Bachelor's Degree or equivalent in the relevant field.

Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying examination.

### MBA (Duration : 2 Years)

Passed Bachelor Degree of minimum 3 years duration.

Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying exam..

### MCA (Duration : 2 Years)

Passed B.C.A/ B.Sc. (Computer Science)/ B.Sc. (IT) / B.E. (CSE)/ B.Tech. (CSE) / B.E. (IT) / B.Tech. (IT) or equivalent Degree.

OR

Passed any graduation degree (e.g.: B.E. / B.Tech. / B.Sc / B.Com./ B.A./ B.Voc./ etc.,) preferably with Mathematics at 10+2 level or at Graduation level.

Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying examination.

(for students having no Mathematics background compulsory bridge course will be framed by the respective University/ Institution and additional bridge courses related to computer subjects as per the norms of the concerned University).

### BBA / BCA (Duration : 3 Years)

All those candidates who have passed 10+2 or its equivalent examination in any

stream conducted by a recognized Board / University / Council.

OR

Those candidates who have passed their Matriculation examination AND have also passed three year Diploma in any Trade from Punjab State Board of Technical Education & Industrial Training, Chandigarh or such Examination from any other recognized State Board of Technical Education, or Sant Longowal Institute of Engineering & Technology, Longowal.

### B.Com. (Hons.) (Duration : 3 Years)

Passed atleast 10+2 examination of Punjab School Education Board or any other examination recognized as equivalent thereto with atleast: 33% marks in the aggregate in case of commerce students who have passed 10+2 examination

OR

40% for the students who have opted for two of the following commerce subjects in 10+2 (a) Accountancy (b) Business Studies (c) Economics (d) Mathematics (e) Office Management and Secretarial Practice (f) Principle and Practice of Insurance (g) Tax Procedure and Practice.

OR

Passed 10+2 with 45% for other candidates.

### BHMCT and BTTM (Duration : 4 Years)

All those candidates who have passed 10+2 or its equivalent examination in any stream conducted by a recognized Board / University / Council.

OR

Those candidates who have passed their Matriculation examination AND have also passed three year Diploma in any Trade from Punjab State Board of Technical Education & Industrial Training, Chandigarh or such Examination from any other recognized State Board of Technical Education, or Sant Longowal Institute of Engineering & Technology, Longowal.

## Admission Process for B.Tech

### A. Through IKG PTU Centralized Counseling

1. Merit in Qualifying Examination, i.e. class 10+2.
2. Register for centralized counselling at IKG Punjab Technical University.
3. Participate in centralized counseling at [www.ptu.ac.in](http://www.ptu.ac.in)

### B. Management Quota

1. Apply directly to Institute under Management Quota
2. Application can be made online or offline
3. Management quota admission form available at [www.davietjal.org](http://www.davietjal.org) and reception counter of the Institute.

## FEE STRUCTURE 2023-24\*

AICTE Courses							
Sr. No.	Course	Duration	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year	Total
1.	B. Tech.	4 Years	94750	88200	88200	88200	<b>359350</b>
2.	B.Tech. Lateral Entry	3 Years	94750	88200	88200	-	<b>271150</b>
3.	M. Tech	2 Years	93450	65550	-	-	<b>159000</b>
4.	MBA	2 Years	94750	88200	-	-	<b>182950</b>
5.	MCA	2 Years	94750	88200	-	-	<b>182950</b>
UGC Courses							
1.	BBA	3 Years	47800	45800	45800	-	<b>139400</b>
2.	BCA	3 Years	47800	45800	45800	-	<b>139400</b>
3.	B.Com.	3 Years	47800	45800	45800	-	<b>139400</b>
4.	BHMCT	4 Years	51800	49800	49800	49800	<b>201200</b>
5.	BTTM	4 Years	39800	49800	49800	49800	<b>189200</b>

1. One time university registration fee of Rs. 2000/- additional.
2. Examination fee additional as per IKG PTU Norms.
3. Tuition/University related fees subject to change as per Punjab Govt./IKG PTU Norms.
4. Fee for NRI candidates shall be as per IKG PTU Norms.

## RAGGING IS A CRIME - PUNISHABLE BY LAW

- In view of the directions of the Hon'ble Supreme Court in SLP No. 24295 of 2006 dated 16-05-2007 and in Civil Appeal number 887 of 2009, dated 08-05-2009 and AICTE notification F.No.37-3/Legal/AICTE/2009 to prohibit, prevent and eliminate the scourge of ragging; ragging in any form is banned in the institute. It is a criminal offence and FIR shall be registered against the student(s) indulging in this crime.
  - Students in distress owing to ragging related incidents can access the Toll Free Helpline 1800-180-5522.
  - The student and parents are required to furnish an affidavit as per format available in the Admission Cell of the Institute.
  - The contact numbers of Anti Ragging Squad/HODs/Chief Warden/Hostel wardens have been displayed at all prominent places in the institute. The students are free to contact on these numbers round the clock to report any incident related to ragging.
- Directives of the Supreme Court of India issued on May 16, 2007 (Select Extract)
- The punishment to be meted out has to be exemplary and justifiably harsh to act as a deterrent against recurrence of such incidents.
  - Every single incident of ragging where the victim or his parent/guardian or the Head of institution is not satisfied with the institutional arrangement for action, a First Information Report (FIR) must be lodged without exception by the institutional authorities with the local police authorities. Any failure on the part of the institutional authority or negligence or deliberate delay in lodging the FIR with the local police shall be construed to be an act of culpable negligence on the part of the institutional authority. If any victim or his parent/guardian of ragging intends to file FIR directly with the police, that will not absolve the institutional authority from the requirement of filing the FIR.

- **NOTE:** All disputes subject to Jalandhar Jurisdiction.

# INFRASTRUCTURE

## MATERIAL SCIENCE BLOCK

Material Science Block houses well equipped Manufacturing practice workshops for Carpentry, Fitting, Welding, Machine tools, Foundry, laboratories of Mechanical and Civil engineering departments. Main attraction in Material science block is the lab of Mechanical Measurement and Metrology set up in collaboration with world leader Mitutoyo Corporation of Japan.



## RESEARCH FOUNDATION BLOCK

R & D Block houses state-of-the-art advanced research laboratories on Light Wave Technology, Robotics and Nano Technology. Apart from this, Principal's Office, Administrative & Accounts Offices, Class Rooms, e-Lecture Theaters & Electronics Labs are also a part of this building.

## CORE BLOCK

This block caters to the requirements of various Departments. It houses well equipped labs of Electronics & Communication Engg., Electrical Engg., Computer Centre and Computer Labs of the Institute.



# INFRASTRUCTURE



## COMPUTING FACILITIES

The Computer Centre of the institute is located in the Core Block. It is equipped with best facilities in the region. It includes 250 plus computers connected to a high-speed network using gigabit Ethernet technology. Computer centre is having 24 hr. internet connectivity with 512 Mbps Leased Line. Centre has made the whole institute a "Wi Fi Zone".

## AUDITORIUM

In order to serve purpose of drama, dance and other music & cultural activities our campus house a Centrally Air Conditioned two-tier Lala Chanchal Dass DAVIET Auditorium with a seating capacity of 1200. This theater is equipped with modern sound system, which is capable of being reconfigured to suit different needs. We also have standard, boom, wideangle microphones, floor mics and hi-fidelity mics. Wireless mics are used for question & answer sessions. The stage has a modern lighting system. The auditorium cum multipurpose hall also provides indoor facilities for badminton and table tennis to the students.



## UNDER GRADUATE BLOCK

This block is constructed keeping in view the importance of e-education in today's scenario of technical education. This block encompasses 3 specialized computer labs, 12 e-classrooms each equipped with high resolution LCD projectors and sound systems, drawing halls, tutorial rooms and well furnished departmental offices.



## POST GRADUATE BLOCK

The Post Graduate Block houses a mini auditorium namely Convention Hall in addition to class rooms & offices. This block caters to the requirements of our PG students besides offices, and laboratories of Mechanical & Civil Engineering.





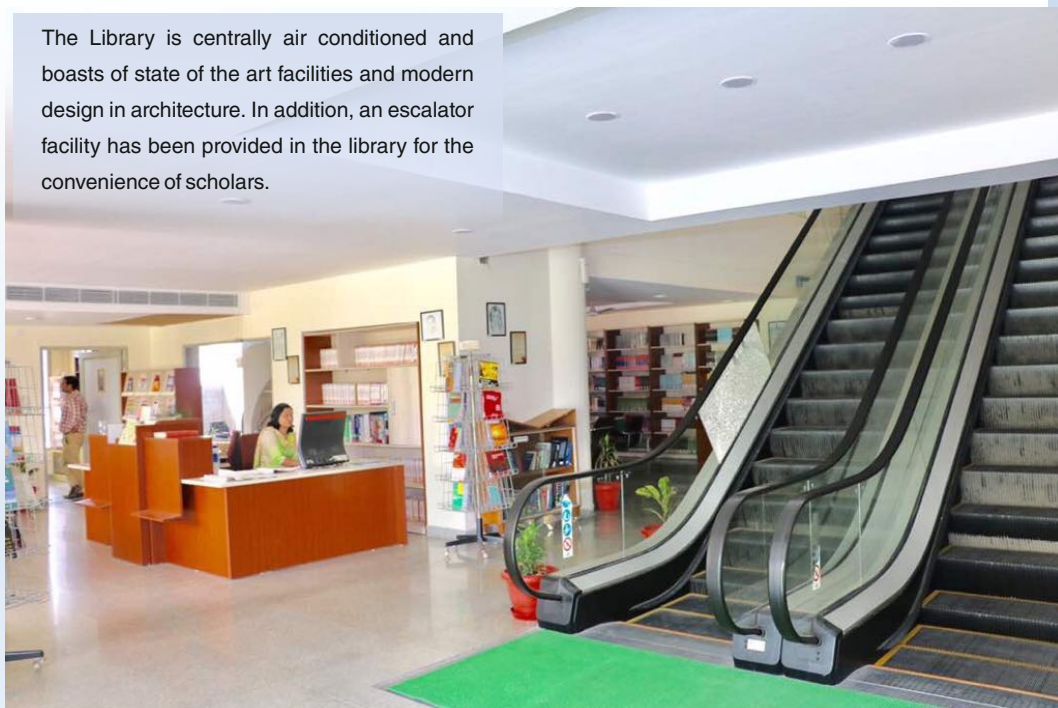
# INFRASTRUCTURE

## CENTRAL LIBRARY

The Library and Information Centre has got a collection of over 34,754 stocks, comprising of books, periodicals, reports, standards-both Indian & International, technical papers, photocopies and reprints. There is also a Lab section named Galileo Meridian Digital Library which gives access to NPTEL videos, 10,000+ ebooks and numerous e-journal articles. Presently the Library and Information Centre occupies ground and first floor of the building called Knowledge Centre. Total floor area is 2108 square meters which enables a seating of 350 students at a time.

Other Services include Photocopying Facility, Book Bank Facility for economically poor students, Scholarship for bright students, Current Awareness Service, Locker facility and Newspaper Clipping Service.

The Library is centrally air conditioned and boasts of state of the art facilities and modern design in architecture. In addition, an escalator facility has been provided in the library for the convenience of scholars.



## BOOKS

Arranged by Dewey Decimal Classification Scheme. Consult Online Public Access Catalogue for call number before going to the shelf. You can search the catalogue by Author, Title, Subject or Call number. New books, publications, issues of periodicals, standards, etc., are displayed in the ground and first floor. The date of display is stamped on each of the publication.

### Sections:

- Electrical Engineering
- Electronics & Comm. Engg.
- Mechanical Engineering
- Civil Engineering
- Computer Science
- Information Technology
- Hospitality & Tourism Management
- Content Pages of Current Periodicals
- Physics
- Chemistry
- Mathematics
- Management
- Religious Books Section



## KNOWLEDGE CENTRE

A world class structure by the name of 'Knowledge Centre', the first of its own kind in India, has been constructed to cater to the requirements like Central Library, Bank, ATM etc.

## INFRASTRUCTURE

### GIRLS HOSTEL



### DAVIET HOSTELS - *Home away from home*

Resident scholars are the soul of any institute and help create the ethos of any Institution. We at DAVIET take special pride in our resident scholars and consequently make persistent efforts to make their stay in the campus comfortable. Special attention is paid to their overall personality development. Our hostels provide a safe, nurturing environment, where the hostel staff and the teachers are committed to “go the extra mile” to help the resident scholars. The time you spend with us will help you evolve as complete human beings as you will be inspired, challenged, and truly cared for. At the hostels you will be motivated to question, to grow each day and to leave a mark through diverse achievements. DAVIET houses separate hostels for boys and girls with all the modern amenities required for a comfortable living. The rooms in the hostels are well ventilated with the option of single, double and triple occupancy. The hostels have 24 hour Wi-fi connectivity through 512 Mbps leased line. To facilitate the learning process, there are separate study rooms available. To ensure uninterrupted studies, 24 hour power backup is provided and medical health care and insurance facility is also available. All this ensures minimal movement of students outside the hostel premises. Here it is pertinent to mention that DAVIET is a RAGGING FREE INSTITUTE. In order to make the stay of the students safe and comfortable, both first year and senior boarders are provided regular counselling. The Principal, Chief Warden, Anti-ragging Committee, Anti-ragging squad and wardens are always accessible to students.



### CAUTION

The parents of the outstanding candidates are advised to avail the Institute's hostel facilities rather than seeking an accommodation outside the premises of the Institution. The boarding facilities in outside rented accommodations viz. Pgs etc. are not quite conducive on account of safety, hygiene, food quality, power back-up, internet connectivity, economy, discipline and other amenities. The students not availing the Institute's hostel facilities shall be doing so at their own risk and responsibility.

# INFRASTRUCTURE



## OUR RECRUITERS



## OUR RECRUITERS



**DAVIET is the cynosure of recruiters as more than 300 companies have tied up for the placements of students!!**

**HIGHEST PACKAGE**

**₹ 54.50 LPA**



**NIMRAN ATWAL  
B.TECH.**

**Batch (2018-2022)**

**400+  
PLACEMENTS**

**150+  
CORPORATES**

The Training and Placement Cell of the Institute is committed to the professional and innovative development of the students by integrating their career issues within the academic part to actualize their inner potential within them.

Training and Placement Cell also helps the students through counselling and training to develop desired skills essential for suitable job profile/higher education and self-employment.

**Scan for  
List of Companies**



### **CENTRE FOR INCUBATION & ENTREPRENEURSHIP (CIE)**

CIE has been established in the Institution to nurture the budding technocrats' innovative entrepreneurial ideas and give them the necessary exposure to set up their ventures. The centre aims at making the engineers and managers job givers rather than job seekers. The Centre for Incubation and Entrepreneurship enables the students to interact with experts from academia and industry, resulting in new business ideas. The objective of CIE is to help students set up their ventures within the institute campus for a year in which they get all the assistance and guidance to make it big in the corporate world. The primary aim is to improve the survival and growth of the new startups.





# DAV

FOUNDED IN  
**1886**

CAMPUSES  
**900+**

TEACHERS  
**100000**

STUDENTS  
**20 LAKH+**

ALUMNI  
**40 LAKH+**

THE **OLDEST** AND THE **LARGEST** EDUCATION ORGANIZATION



## DAV INSTITUTE OF ENGINEERING & TECHNOLOGY

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