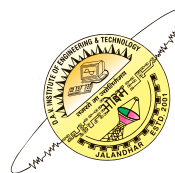


*Engineering
Futures
through Innovation*



PROSPECTUS
2023-24



DAV INSTITUTE OF ENGG. & TECHNOLOGY

Kabir Nagar, Jalandhar – 144008

Managed by DAV College Managing Committee, New Delhi

Approved by AICTE; Affiliated to IKG-PTU, Jalandhar



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THEY GOVERN AND GUIDE

Dr. Poonam Suri (Padamshree Awardee) - Chairman
President, DAVCMC, New Delhi

Dr. Ramesh Arya, Vice President, DAVCMC

Justice N.K. Sud (Retd.), Vice President, DAVCMC

Dr. N.K. Uberoi, Vice President, DAVCMC

Shri Prabodh Mahajan, Vice President, DAVCMC

Justice Pritam Pal (Retd.), Vice President, DAVCMC

Shri Ajay Suri, General Secretary, DAVCMC

Shri Shiv Raman Gaur, Director Higher Education, DAVCMC

Shri J K Kapoor, Secretary, DAVCMC

Shri Arvind Ghai, Secretary, DAVCMC

Shri Ajay Goswami, Secretary, DAVCMC

Nominee of the AICTE

Nominee of the I.K.G. Punjab Technical University

Nominee of the Director Technical Education, Punjab

Industrialist from State Government

Principal DAV College, Jalandhar

Principal Hans Raj Mahila Mahavidyalaya, Jalandhar

Principal Mehr Chand Polytechnic College, Jalandhar

Dr. Sanjeev Naval, Principal (O), Member Secretary

Our Revered Mentor
Dr. Poonam Suri
President
DAV, CMC, New Delhi

FROM THE DESK OF PRINCIPAL

Dear Prospective Students

Welcome to DAVIET, an institution upholding the rich legacy of Arya Samaj through DAVCMC, New Delhi, that has over 135 years of academic experience, with 20,000,00+ active students enrolled in 970+ colleges and schools nationwide. The network of 40,000,00 alums serves society in different capacities. You have taken the initial step toward excellence by securing a seat in one of the country's premier institutions.

At DAVIET, we believe in "Engineering Futures through Innovation" and encourage budding professionals to find realistic solutions to contemporary problems. Our partnership with Punjab Innovation Mission emphasizes innovation, inspiring creative thinking, and contributions to society through technological advancements.

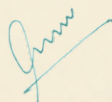
Our students have consistently secured top merit positions in university examinations and have showcased their talents as proud winners of the Zonal and Inter-Zonal Youth Festival ever since its inception. Our placement program has had exceptional success, with all eligible students receiving offers. The highest pay package offered to one of our students reached an impressive 54.5 lakh. Our dedicated placement cell connects students with top-tier companies through placement drives, industry interactions, and skill development programs. We have strong industry linkages, aligning our curriculum with the evolving industry needs.

Environmental sustainability is a key focus at DAVIET. Our comprehensive Waste Management Mechanism actively encourages Reduce, Reuse, and Recycle policy. Through conscious consumption and responsible disposal, we prioritize waste reduction. We promote reusing materials whenever possible, minimizing the need for new resources. Our dedicated recycling initiatives ensure proper sorting and recycling of materials, contributing to a greener future. We have a mechanism to address plastic waste through a Plastic Bottle Crushing Machine. Proper e-waste disposal and treatment of Organic and Inorganic waste are done per the guidelines of the Punjab Pollution Control Board and Central Pollution Control Board. Our campus has 156 varieties of tree species and a mini forest. The green oasis provides a pleasant academic environment, particularly during the summers. We have also taken social responsibility initiatives like maintaining the central verge on the main road & the green belt around Burlton Park.

Integrating academic excellence with professional learning is one of DAVIET's unique strengths. We strive for high standards in transmitting knowledge within a dynamic and interactive environment, empowering our students to achieve distinction and honors in their chosen fields.

As you peruse this prospectus, I encourage you to envision yourself as part of our vibrant and inclusive DAVIET family. We are here to guide, support, and nurture your dreams, ensuring a transformative educational journey that prepares you to make a meaningful impact on the world.

I look forward to welcoming you to DAVIET, where we empower young minds to engineer a better tomorrow.



Dr. Sanjeev Naval
Principal (O)



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 resources and entrepreneurs; sustaining Indian ethics & morals values.

CORE VALUES

Competence	Integrity
Creativity	Innovation
Trust	Excellence
Community	

ABOUT DAVIET

DAV Institute of Engineering and Technology was established in 2000 under the aegis of D.A.V. College Trust & Management Society, New Delhi. The D.A.V. College Managing Committee is the Executive body of the said Trust. As a

cultural & administrative monolith, it is the most significant stakeholder in academic Management in India. Over the years, this nodal organization has played a stellar role in rejuvenating Indian society intellectually, emotionally and spiritually. DAVCMC is the largest non-governmental educational organization in India and manages a chain of more than 900+ institutions in India and abroad. The Management is 135 years old & its educational budget is next to the central government of India and more than any state government. DAVCMC has established several Medical Colleges, Polytechnics, Industrial Training Centers and Arts & Science Colleges. All these institutions are known for the highest level of dedication, sincerity, commitment and discipline. D.A.V. institutes have established a reputation for academic excellence and character building. Thousands of students graduate from these institutions and distinguish themselves annually on national and international platforms. Consequently, as its alumni, the society has distinguished jurists, diplomats, doctors, engineers, scientists, educationists, literary figures, and sports-people. DAVIET is the first Engineering

Institute of D.A.V. College Trust and Management Society. The Institute is accredited by NAAC & Recognized by U.G.C. under Section 2(f).

At DAVIET, we provide our students with the best professional education. We believe in creating professionals with the right skills and attitude by endowing them with high moral values, sound intellectual powers, and refined analytical and decision-making skills. The objective behind this Institute's establishment was not merely to disseminate knowledge but to provide the necessary skills and mental attitudes to face the vagaries of life. Thus, there is a sustained endeavour to provide quality education with a difference.

LOCATION

DAVIET is located in the heart of Jalandhar City on a prime piece of land on the left side of Jalandhar-Amritsar Highway. It spreads over a magnificent landscape with a running canal on its back and historic Burlington Park at its front.

The Institute is well connected by Rail (Jalandhar City Junction: 5 Km), Road (Jalandhar ISBT: 6 km) and Air (Adampur Civil Airport: 25 km).



PROGRAMMES OFFERED

ENGINEERING

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

M.Tech.

➤ Civil (Structural Engineering)	18
➤ Computer Science & Engineering (AI & ML)	18

MANAGEMENT & COMMERCE

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

COMPUTER APPLICATIONS

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

HOSPITALITY MANAGEMENT

	Annual Intake
➤ Bachelor of Hotel Management & Catering Technology (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.



ELIGIBILITY CRITERIA

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 2023-2024.

Obtained at least 45% marks (40% marks in case of candidates belonging to reserved category) in the above subjects taken together.

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 prepare Level playing field and desired learning outcomes of the programme).

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

Passed Minimum 3-years / 2-Years (Lateral Entry) Diploma examination with at least 45% marks (40% marks in case of candidates belonging to reserved category).

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.

(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 program)

Refer table 1.10 of Appendix-1 of AICTE Approval Process Handbook 2023-2024.

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.

MCA (Duration : 2 Years)

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).

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 examination.

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

MANAGEMENT QUOTA SEATS

- The Government of Punjab has approved 33-1/3 per cent (one-third) of total seats as management quota.
- DAVIET shall fill these seats purely based on inter-se-merit in the qualifying examination.
- The fee for “Management Quota” seats is as per IKG PTU norms. The admission under Management Quota is made after the completion of centralized counselling conducted by IKG Punjab Technical University, Kapurthala



ADMISSION UNDER NRI QUOTA

- Admission of NRI/PIO/Foreign National candidates will be based on merit in 10+2 (Non-Medical) or equivalent examination. They shall not be required to take the Entrance Test.
- First preference shall be given to those NRI/PIO candidates with ancestral Punjab Resident Background.
- Second preference shall be given to those NRI/PIO candidates with an ancestral background relating to the other States of India.
- Third preference shall be given to those resident Indian Candidates sponsored by an NRI/PIO, and the sponsorship letter is attached with their application.
- Fourth preference shall be given to those resident Indian Candidates ready to pay fees in Indian Currency.

☞ 5% of total sanctioned seats out of Management Quota Seats shall be filled under this category. The seats remaining vacant will revert back to the Management Quota.

NOTE:

Aspiring candidates are advised to visit the official website of IKG Punjab Technical University at www.ptu.ac.in for detailed information regarding eligibility criteria, admission procedure, exemptions, reservations and other conditions/ provisions as laid down by Govt. of Punjab and I. K. Gujral Punjab Technical University, Kapurthala, Punjab (India).



Admission Process for B.Tech./M.Tech./MBA/MCA

A. Through IKG PTU Centralized Counseling

- ☞ Merit in Qualifying Examination
- ☞ Register for centralized counseling at IKG Punjab Technical University.
- ☞ Participate in centralized counseling at www.ptu.ac.in

B. Management Quota

- ☞ Apply directly to Institute under Management Quota
- ☞ Application can be made online or offline
- ☞ Management quota admission form available at www.davietjal.org and reception counter of the Institute.
- ☞ Appear for counseling for management seat at Institute

WHY SHOULD YOU JOIN US?

→ 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

- IMC Ramakrishna Bajaj National Quality Award-2006
- Accredited for Placements by WIPRO-2009
- Accredited by NAAC and recognized by UGC under Section 2(f)-2017
- Times of India Edupreneurs' Award-2017
- Educational Excellence Award at Indo-Global Education Summit-2017
- Awarded Outstanding Institution (Engg. Colleges) Award by NITTTR 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 and Human Resource Conclave Chandigarh-2018
- Ranked in Top Digital Learning Ranking Survey 2018
- Awarded Certificate of excellence for exemplary contribution in the field of Higher Education during 10th Higher Education & Human Resource Conclave Chandigarh, 2019
- Ranked 4th in Punjab amongst the TOP Private Engineering Colleges as per "Education World India Engineering Institutes Rankings 2020-21."
- Ranked 74th amongst Top Private Engineering College in a Nationwide Survey conducted by India Today MDRA Survey 2022.
- Ranked among the Top three "Private Engg. Colleges of Punjab" by India Today-MDRA Survey 2022
- Ranked 17th in "Outstanding Engineering Colleges of Excellence" all over India under the CSR-GHRDC Engg. Colleges Survey-2022

→ ICT Enabled Infrastructure

World-Class ICT enabled infrastructure & Wi-Fi Campus.

→ Outcome Based Education

Special emphasis on Outcome-based Education and Experiential Learning.

→ Online Teaching-Learning

Keeping in mind the post-COVID-19 scenario, we are committed to providing quality online education. We are equipped to follow the blended learning model of teaching to facilitate the academic and mental growth of the students. We have e-books, e-resources, e-journals, recorded lectures, webinars and live online classes. We conduct practical sessions through virtual labs, simulation tools and recorded demonstrations. Our faculty has been trained to prepare and deliver e-content through various modes.

→ 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 the job creators rather than job seekers.

Ministry of Micro, Small & Medium Enterprises, Govt. of India has recognised DAVIET, Jalandhar as Host Institution/Business Incubator under the scheme "Support for Entrepreneurial And Managerial Development of SME's through Incubators" of the region under which the young Students/ Start-Ups can apply for the grant of upto 15 Lacs to the MSME through DAVIET.



→ **Research & Consultancy Initiatives**

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 faculty is involved in Proactive Research in the fields of Nano-Technology, LightWave Communication, Electro-magnetics, 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. The faculty of Institute have filed / granted 10 patents.

→ **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. Fifty faculty members have PhD degrees, while the majority of the others are pursuing it.

→ **Banking Facility**

DAVIET houses a fully AC branch of Punjab National Bank with ATM and locker facility.

→ **DAVIET - A Cynosure for Recruiters**

Excellent Placement track record with more than 400 students passing out this year already placed in top companies with the highest pay package of 54.5 LPA.

→ **Consultancy**

Recently DAVIET has completed a consultancy project worth Rs. 35 lakh for Non-Destructive Testing of Over Head Service Reservoirs (OHSRs) for Smart City Amritsar. We also provide consultancy on traffic surveys for infrastructure development using GIS/GPS to Smart City Lucknow(UP). The students are made to visit the consultancy sites to make them understand the use of the equipment. It enables them to resolve field problems through teamwork.

→ **Medical Care**

Well qualified doctor and a well-equipped medical centre are available in the institute. In addition, DAVIET facilitates group medical insurance for all the students and has tie-ups with reputed multi-speciality hospitals for medical care of the students.

**WHY
SHOULD
YOU
JOIN US?**



NAAC Peer Team Visit

OUR SALIENT FEATURES

- DAV - Educating India since 1886
- Education coupled with Employment Skills Training
- Capstone Projects by students
- ICT enabled Infrastructure with Wi-Fi Campus
- Effective Industry Engagement
- Centre for Incubation & Entrepreneurship
- Bi-Annual Industry Week in each Department
- Activity-based learning
- Rejuvenating the learning paradigm by introducing Virtual Labs in collaboration with IIT, Delhi

→ MOUs WITH ACADEMIC INSTITUTIONS

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

→ CENTRE OF EXCELLENCE/ INDUSTRIAL TIE-ups

- Microsoft Certified Campus
- Texas Instruments Innovation Lab
- CISCO Networking Academy
- Reliance Jio Infocomm Ltd., Mumbai
- EdGate Technologies Pvt. Ltd., Bangalore
- Sedulity Solutions & Technology, Delhi
- Robotics Research Centre
- Industrial Automation Centre
- Huawei ICT Academy
- Oracle Academy
- LightWave Communication Lab

EARN WHILE YOU LEARN (Co-op)

Earn while you learn programme provides opportunities to the students to earn through part-time jobs or stipend-based industrial training during their studies at the campus. Twenty students from each stream having more than 60% marks in the qualifying exam and excellent communication skills will get an opportunity to co-op for an internship up to ₹87000 p.m. which shall be arranged by the institute.

SCHOLARSHIP

- The Institute facilitates the students to apply for various scholarships viz. PMSSS (J & K), Post Matric Scholarship (Punjab), Bihar Student Credit Card Scheme, Bihar State Scholarship Scheme, Pragati Scholarship Scheme for Girls.
- The Institute also grants financial assistance to financial weak students on the basis of academic performance/ financial health of the family

DAVIET EDGE

ACADEMIC EXCELLENCE

- System of continuous evaluation through tests, tutorials, seminars, quizzes and viva-voce.
- Centralized system for mid-semester tests with question papers set in standard format per IKG Punjab Technical University norms.
- Display of attendance at the end of each month and the marks obtained in each term tests on notice boards to ensure complete transparency in the academic system. In addition, the students can also check their attendance on the College ERP.
- Dispatch of attendance-cum-performance report to the parents for their information and to seek their support for improving the performance, especially in the cases of academically poor students. (In case the parents do not receive this report due to any reason, it will be their responsibility to collect the same from the institute).
- Periodic counselling of academically weak students to identify their weaknesses and suggest remedial measures for their improvement.
- Conduct an academic audit each semester to find out the strengths & shortcomings of each department. All efforts are then made to eliminate the traced shortcomings.
- Periodic monitoring and development of the course contents by maintaining separate course files and lab manuals for each course taught by teachers.
- Student feedback analysis during every semester to identify the strengths and weaknesses of the faculty for further improvement.

THE DAVIET ADVANTAGE

- DAVIETians' International Recognition Faculty & Students of the Institute present their research findings in various International Conferences in India and abroad.

- Academic Triumph
Graduates from various departments clear GATE Exam. - the ultimate test of an Engg. Graduate for higher education, regularly.
- Academic Excellence
Fully Computerized & Digitalized Library
The central library is embellished with the Galileo Meridian Digital repository of knowledge, having access to IEEE, Science Direct & EBSCO online journals. In addition, an escalator facility has been provided in the library for the convenience of scholars.
- Skill Oriented, Moral & Value Based Education
Tailor-made modules on personality development, soft skills, corporate ethics and core technical studies in consonance with value-based education.
- Scholarships & Stipends

Excellent scholarships & stipends for outstanding and meritorious students.

- Unmatched Track Record of Co-curricular Activities
The institute has garnered myriad International & National Achievements in Cultural Activities, the prime being the Overall trophy at SAUFEST, Nepal; the Winner of PTU Zonal/Inter-Zonal Youth Festival, a maximum number of times. Moreover, DAVIETians have Commendable Achievements in sports at National & International levels; DAVIETians got distinctions in various All India Tech Fests organized by IITs, IIMs & NITs etc.
- State-of-the-Art Infrastructure
DAVIET boasts world-class infrastructure in an area sprawling 11.6 acres in the heart of the city; well-equipped, ultra-modern labs & E-classrooms.



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

INTRODUCTION: The Department aims at imparting students quality education in various technical areas of Computer Science Engg. The deptt. is facilitated with best state-of-the-art infra-structure as well as dedicated faculty to act as mentors providing directions to individuals for meeting the challenges in this field. The department is also equipped with various laboratories furnished with hi-tech computing facilities to support teaching and to provide students with comprehensive and interdisciplinary training. There are excellent research facilities in the department for core and emerging areas to provide exposure to students through comprehensive educational programs and collaboration with industry. The academic excellence of department is reflected by the student's exemplary performance in university examinations. Every year our students consistently grab the best placements and establish a productive career in corporate sector. In addition, good numbers of students also clear various competitive exams like GATE, CAT, GRE and GMAT to peruse higher studies in top ranked colleges and universities.

COURSE DESCRIPTION: The course curriculum is planned to train the students primarily for theoretical and conceptual inputs of knowledge with an emphasis on hardware architectural design and development of software application programs. The department strongly promotes the quest for innovative excellence in the field of computers for global competitiveness. The Institute-Industry interface programs enable the students to interact constantly with the industries. Department lays prominence on emerging and futuristic technologies like Big Data, Cloud Computing, Data Mining, Software Engineering, Algorithm Analysis and Design, Operating Systems, Computer Graphics, Database Management System and Networking Technologies.



CAREER PATHS

- Software Applications Developers
- Software Project Managers
- System Analysts
- Network Managers
- Database Administrators
- Web Designer and Developers
- Entrepreneurs

LAB FACILITIES

- Central Computing Lab
- Operating System Lab
- RDBMS Lab
- Computer Programming Lab
- Networking Lab

STUDENT BODIES

- CSI Student Branch
- PRISMA Student Club

VALUE ADDITION PROGRAMS

- Google Cloud Readiness Program
- Huawei India Centre of Excellence
- Microsoft Certified Campus

WORKSHOPS/EXPERT TALKS

- Hands-on coding boot camp organized on the "Rising domain of the industry- Artificial Intelligence" by Ms. Pooja Agarwal Senior AI Architect of Open Weaver.
- Workshop conducted on "Big Data Analytics" by Mrs. Anita Budhiraja, Joint Director, Systems, NIELIT, Chd.

- Workshop conducted on "Cyber Security" by Mr. L.S Chhabra, Director, Cyber Defence Intelligence Consulting, Mohali.
- Two days' workshop conducted on "Artificial Intelligence and Machine Learning" Mr. Abhishek Saxena, Software Engineer, KVCH-IBM Pvt. Ltd.
- Seminar conducted on "ERP -Present and Future" by Mr. Pabitra Kumar Nayak, Business Manager, SAP India Pvt. Ltd.
- Workshop conducted on "Block Chain Technology basics" by Google Developer Group.

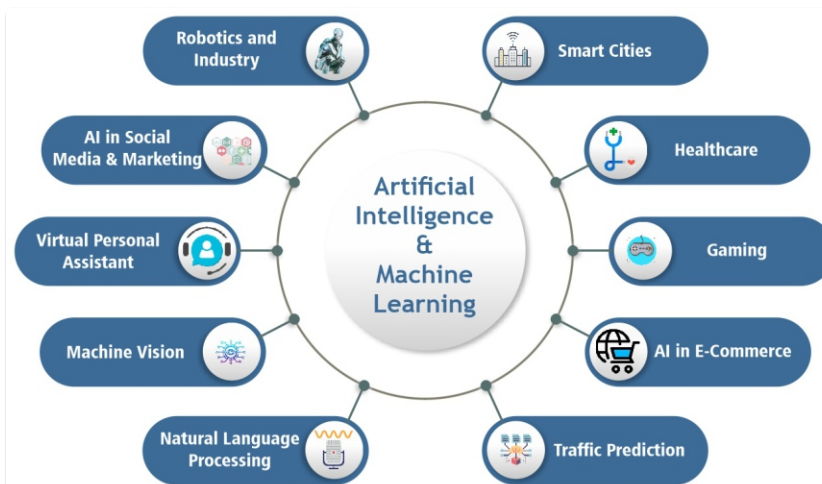
DISTINGUISHED ALUMNI

- Ms. Nimran Atwal , Application Support Engineer, Syndigo USA
- Mr. Rohit Mahajan, Senior Software Engineer, SAP Labs
- Mr. Amit Miglani, Senior Software Engineer, Infosys
- Ms. Priyanka Saini, Senior Software Engineer, Infosys
- Ms. Anjan Kaur, Software Engineer, Adobe Pvt. Ltd, India
- Mr. Nitish Suri, Software Engineer, Accenture
- Mr. Pawan Kumar, Software Engineer, ST Microelectronics
- Ms. Ishitaa Beri, Software Engineer, Samsung R&D Institute India Bangalore
- Ms. Vanshika, Microsoft Azure & AI Technical Associate Engineer, Microsoft

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (AI & ML)

INTRODUCTION: The department of Computer Science and Engineering is introducing a 4-year undergraduate degree program in B.Tech(CSE)- with specialization in Artificial Intelligence and Machine Learning (AI & ML) with an intake of 60 students and 2-year graduate degree program in M.Tech. (CSE) - AI & ML with an intake of 18 students in the session 2022-23.

The technology of AI & ML is at the forefront of developing intelligent solutions to the real-life problems. Artificial Intelligence is the most promising and future-ready technology going to be instrumental in shaping number of leading industries including aviation, logistics, management, finances, engineering, education, research, neural networks, signal processing, data mining and many more. As artificial intelligence takes various industries forward; machine learning is going to be the central forces rallying behind this revolution. As businesses and other organizations undergo digital transformation, they're faced with a growing tsunami of data that is at once incredibly valuable and increasingly burdensome to collect process and analyze. This necessitates new tools and machine learning methodologies to manage the vast quantity of data being collected, to mine it for insights and to act on those insights when they're discovered.



Engineers with AI & ML expertise would be needed in all the crucial domains such as Healthcare, Industry 4.0, Finance, Agriculture, Security, Law, and Environment Management in the near future. A degree in this program is valuable and will make the student industry-relevant with appropriate knowledge. The students shall get a major competitive edge in the workforce in the upcoming years.

The curriculum focuses on the foundations of computational Mathematics, core areas of Computer Science, along with the latest advancements in Artificial Intelligence and Machine Learning. Core courses in Computer Science will help students to drive them through the ever-changing IT or industry requirements. The

specialized areas of AI & ML will provide them with an opportunity to dive deeper into the intricacies of the domain, thus guiding them to become globally competent engineers with AI knowledge and expertise in applying AI & ML to the challenging projects. The

department has competent faculty to impart the latest skills effectively. Equipped with the best infrastructure with latest teaching aids, the department will provide application oriented education to the students. The department also has state of art computing facility that includes advance research labs in Computer Centre comprising of machines with high configuration and licensed software's to comprehend teaching and research needs. The program also includes career enhancement support activities, such as workshops and guidance to help candidates identify their strengths so that they can choose the right competencies for their career path.

The career in the field of Computer Science Engineering with specialization in AI & ML can be very promising with immense amount of opportunities in the future as:-

- AI Scientist
- Machine Learning Experts
- Research Scientist
- Business Intelligence Developer
- Data Analyst
- Big data Engineer
- Robotics Scientist

DEPARTMENT OF CIVIL ENGINEERING

INTRODUCTION: Civil Engineering is the oldest branch of Engineering. The department aims at providing quality education at B.Tech & M.Tech level with a blend of theoretical knowledge supported by practical experiences. The industry institute interaction during the industry weeks organised by the department every semester fills the voids between the skill sets required from Civil Engineers in the industries and the skills they possess. Students are made to undergo various training programmes not only related to field works but are also exposed to softwares used in civil engineering, planning, design & execution. The huge participation and top positions grabbed by the students in the National and State level examinations viz. GATE, IES & PPSC etc. is the hall-mark of the teaching learning process in the department. The presence of our students in IITs /NITs and other foreign universities for the pursuit of higher knowledge makes us privileged. The consultancy projects handled by the faculty and students highlight the expertise available with the faculty of the department. Dr. Sanjeev Naval is contributing effectively as Member City Level Technical Committee, Smart City Jalandhar (CLTC), since 2019. We feel proud in making our students-Pride of India.

COURSE DESCRIPTION: The curriculum is designed to train the students towards the Planning, Design & Execution concepts of Infrastructure development. The focus on Earthquake resistant design of structures, Geotechnical & Foundation Engineering, Structural Engineering, Water and waste Water Engineering, Disaster Management, GIS/GPS concepts equips the students not only towards making resilient infrastructures but also resolve the housing shortage in the country. Special

emphasis on Building Materials for affordable housing aligns the thoughts of students towards the dream of affordable housing- A Reality. State-of-the-Art laboratories viz. Material testing lab, Geotechnical lab, Geomatics lab, Highway material testing lab, Structural analysis Lab are not only a part of teaching learning process but also used during consultancy works.

CAREER PATHS: After the completion of the B.Tech/M.Tech in Civil Engg. programme, the students are placed with:

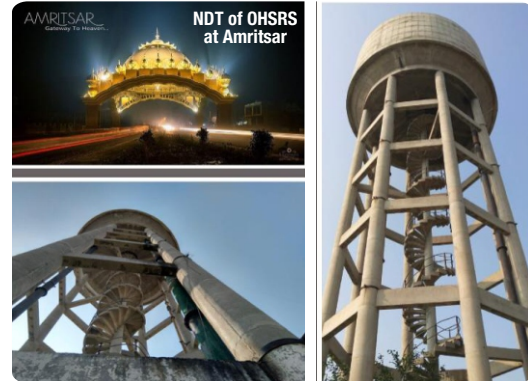
- MNCs like Shapoorji & Paloonji, Laersens & Tubro, TCS, Wipro Tech. etc.
- Central and State departments including Indian Railways, CPWD/PWD, NHPC, SAIL, Water Supply and Sanitation, Irrigation, Municipal Corporations / Municipal Committees/ Improvement Trusts.
- **Entrepreneurs-** dealing with production of low cost building components, Solid waste management, Smart transportation, water and Waste water Technologies, rain water harvesting, GIS/GPS applications in improving the land use in the country.

LAB FACILITIES:

- Building Material Testing Lab
- Geotechnical Engineering Lab
- Geomatics Lab
- Transportation Lab
- Environmental Lab
- Structural Analysis Lab
- CADD Lab
- Fluid Mechanics Lab
- Project Lab

STUDENT BODIES :

American Society for Civil Engineers (ASCE) Student Chapter



VALUE ADDITION PROGRAMS:

- Computer Aided Design & Drafting(CADD), Structural Analysis & Design(STADD) pro-V 8i, 3D Max, Revit, Primavera etc.

RESOURCE GENERATION ACTIVITIES:

- Consultancy in the area of Structural Design, Destructive and Non Destructive Testing of Structures, Water and Waste water, Air quality , Soil or land reclamation /stabilization.
- The department has just completed the Non Destructive Testing of Over Head Service Reservoirs(OHSRs for Smart City Amritsar. Another consultancy project for Smart Cities , Allahabad and Lucknow for carrying out traffic Surveys using GIS/GPS applications is being worked upon.

DISTINGUISHED ALUMNI:

- Pallavi Malik (Gold Medallist), Manager, Shapoorji Palonji Ltd India
- Kunwar Chraya, Sub Divisional Officer, B&R Deptt., Pb. (36th All India GATE Topper 2014 and Indian Engineering Services 2016)
- Virat Ahuja, Manager (Designs), L&T Ltd, Delhi
- Kuldeep Rehat, Manager (Execution), Shapoorji Palonji Ltd, India
- Gurvinder Singh, Executive Engineer (XEN), Punjab Mandi, Board, Hoshiarpur

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

INTRODUCTION: The Department of Electronics and Communication Engg. has been consistently working towards the goal of producing highly skilled and scientifically oriented manpower through flexible, adaptive, and progressive training programmes and a cohesive interaction among research organisations, academicians and industries. Close interaction with industry has led to the evolution of a teaching system that produces diligent and erudite engineers. Our Alumni have excelled both in higher education and industry. The department has always maintained an excellent placement record in Public & Private sectors, excelling not only in India but also in Silicon Valley and other reputed hubs of Electronics and software technology over the globe. The students have been offered at the pay package ranging from Rs. 8 lakh /annum to Rs. 22 lakh/annum.

COURSE DESCRIPTION: The field of ECE is the utilization of science & mathematics applied to practical problems. The content of the course is well structured and aimed at making the students engage in live application tools, design, development and testing of the electronic equipment used in various communication systems. Our priority areas of specialization are: Communication Engineering, Digital Electronics, Microwave Engineering, Artificial Intelligence and Machine Learning, Internet of Things, VLSI Design, Wireless Communication Networks, Optical Communication, Antenna and Wave Propagation, Signal and Image Processing. Looking forward to Global Scenario, IKG PTU offers flexibility to pursue your individual interest through dual degree program. In addition to ECE as major, students can also avail to earn the minor degree in their preferable domain of Computer Science & Engineering or any other allied fields.

CAREER PATHS

The choice of graduate engineers in ECE has the highest priority in multinational

corporations (MNC). The MNC provides tremendous opportunities in sectors such as consumer electronics, health care, computer applications, communication services, entertainment, and multimedia. Apart from this, government sectors such as ISRO, DRDO, railways, and other administrative jobs provide opportunities for graduate engineers in ECE. The curriculum is divided into five modules: ICT, software, communication, electronics hardware, and signal processing. The students have the flexibility to choose the above modules to shape their career in their preferred field of interest.

LAB FACILITIES

- Artificial Intelligence Lab
- Texas Innovation Lab
- Analog Devices and Circuit Lab
- Digital Electronics Lab
- Microprocessor Lab
- VLSI and Embedded System Lab
- Communications Lab
- Wireless and Optical Network Lab
- Microwave and Radar Lab
- Digital Signal Processing Lab
- PCB Design Lab
- Control System Lab
- Electronic Measurements and Instrumentation Lab

RESEARCH FACILITIES

- OPTSIM 5.1: Fiber Optics Communication Simulation Tool
- ANSYS HFSS: Antenna Design Simulation Tool
- QUALNET: Wireless Communication Simulation Tool
- COMMSIM Software
- MATLAB

TECHNICAL COLLABORATION

The Department of ECE is actively associated with Texas Instruments and Ed Gate technologies to meet the high end tools in core electronics. In addition to that, we

are providing students training based on advances in core areas of Electronics & Communication.

Recently, the department has set up a laboratory for Artificial Intelligence and Machine Learning under MODROB scheme sponsored by AICTE, N. Delhi.

STUDENT BODIES:

- SINE (Society of Innovative Electro-cracker)
- Hobby Expo Club, Club of Integrated Boards
- Google Developer Student Club (GDSC) powered by GOOGLE

VALUE ADDITION PROGRAMS: We have tied up with various organizations like:

- IETE (The Institution of Electronics and Telecom Engineers) Student Forum
- MoU with EdGate Technologies and Texas Instruments
- Centre of Excellence with SOFCON Technologies, Noida
- Ericsson India Pvt. Ltd.
- I2IT Pune (for VLSI and Robotics)
- RSOF, USA

DISTINGUISHED ALUMNI

- Ms. Juhi Jalota, IFS
- Ms. Jaslinder Kaur, First Fighter Pilot, IAF
- Mr. Puneet Pathak, Senior Software Engineer, Apple Inc.(California)
- Mr. Jatinder Kumar, IES Officer
- Ms. Navneet Kaur Bal, PCS Officer
- Mr. Anuj Talwar, Technology Lead, Infosys
- Ms. Uplabdh, Senior Software Engineer, Larsen & Toubro Infotech
- Mr. Ashish Gupta, Sr Engineer, Oracle
- Mr. Puneet Dalia, Solution Specialist, Nokia Networks



DEPARTMENT OF ELECTRICAL ENGINEERING



INTRODUCTION: B.Tech. in Electrical Engineering is a comprehensive undergraduate program that prepares students for a rewarding career in the field of electrical engineering. This course combines theoretical knowledge with practical skills to equip students with a strong foundation in electrical power systems, electrical machines, analog electronics, power system operation & control, smart grids, solar, wind, and other renewable energy systems, control & instrumentation. As technology continues to evolve, the role of a B. Tech. Electrical Engineer in modern days is crucial for technological progress, sustainable energy solutions, infrastructure development, seamless technological integration, safety, and research.

With the increasing digitalization and automation of electrical systems, electrical engineers often work closely with computer and IT professionals to integrate software and hardware components, manage data networks, artificial intelligence, etc. The convergence of electrical engineering and CSE has paved the way for advancements in areas such as smart grids, the Internet of Things (IoT), and embedded systems and opened up new avenues for Electrical engineers.

COURSE DESCRIPTION: Department of Electrical Engg. started its education program of B.Tech. in DAVIET with an intake of 60 students in 2002. We aim to provide quality education to students with an emphasis on strong foundations and a thorough understanding of the basic

principles that underlie modern electrical technology. The course provides a wider horizon to pursue their careers in Electrical Utility Companies, Government/Public Sector Undertaking, and in top MNCs, software/IT companies, and allied sectors, thus providing sustainability to their professional careers.

CAREER PATHS: B.Tech. degree in Electrical Engineering offers a diverse range of career opportunities across various sectors. Graduates can pursue employment in the Defence Services, Civil Services, Government Sector and Public Sector undertakings such as Railways, PSTCL, PSPCL, PGCIL, NTPC, NHPC etc. Moreover, prominent IT firms like Wipro, Infosys, Oracle, TCS, Accenture, and HCL, among others, offer exciting avenues for growth and professional development. These companies present a dynamic environment where electrical engineering skills can be applied to cutting-edge technologies and innovative projects, ensuring a rewarding and fulfilling career for graduates.

LAB FACILITIES

The electrical engineering department provides state-of-the-art lab facilities to enhance the learning experience of B. Tech. Electrical Engineering students.

- Electrical Machine - I Lab
- Electrical Measurements Lab
- Instrumentation and Measuring Devices Lab
- Control Systems Lab
- Electronics Circuit Lab
- Electrical Machine – II Lab
- Power Electronics and Drives Lab
- Power System Lab
- Microcontroller and PLC Lab
- Power System Analysis / Advance Computing Lab
- Project Lab

RESEARCH FACILITIES:

The Department of Electrical Engineering is engaged in dynamic research activities, with a particular focus on emerging areas

such as power quality, wind generation, induction generators, robust control design, solar energy, and optimization. To facilitate research and simulation work, the department offers access to various software tools including MATLAB/SIMULINK, ETAP, Power World Simulator, and PSCAD. These powerful software packages assist researchers in simulating and analysing electrical systems, enabling them to explore innovative solutions and advancements in their respective fields.

STUDENT BODIES:

- Tech Electra
- C3E (Consortium of Electrical & Electronics Engineering)

VALUE ADDITION PROGRAMS:

The Department of Electrical Engineering conducts various value addition programs to enhance the skills and knowledge of B. Tech Electrical Engineering students to complement the academic curriculum and provide students with a well-rounded education. Some of the key value-addition programs offered include:

- Technical Workshops and Seminars
- Industrial Visits
- Internship Programs
- Skill Development Programs
- Certification Courses
- Industry week
- Research and Innovation Programs

DISTINGUISHED ALUMNI:

- Ms. Kanika, Software Development Engineer at Meta, UK
- Mr. Abhishek Project Engr, Wipro Ltd.
- Mr. Kanwar Abhijay Singh, PCS Officer. Allied Services
- Mr. Ashish Vashisht, Aircraft Maintenance Engr, Indian Air Force.
- Mr. Amandeep Sall, Engineer, Power Grid Corporation of India (PGCIL).
- Mr. Jatinder Arjun Batra, SDE-PWD B&R.
- Mr. Iqbal Singh Bhullar, Engineer, Shapoorji Pallonji Group.
- Mr. Chirag Rohilla, Jaro Education.
- Mr. Ishant Mehndiratta, Systems Engineer, Deloitte US.
- Ms. Daljeet Kaur, DRE Assistant, Safety PRTS, General Motors (USA)

DEPARTMENT OF MECHANICAL ENGINEERING

INTRODUCTION: Department of Mechanical Engg. is one of the premier departments of the institute and offers graduation course providing cutting edge knowledge in domains of Design, Manufacturing, Thermal, Automotive, Robotics, Automation etc. Working on the motto of Excellence through continuous improvement, the department has witnessed tremendous metamorphosis since its inception which is reflected in multitude of patents, publications, awards and accolades for students as well as faculty members of the department. Our undergraduates are equipped with requisite skill set to be engaged in ethical approaches to engineering keeping a special concern for society & environment.

COURSE DESCRIPTION: Mechanical engineers are the backbone of engineering profession and are omnipresent across the industries for designing robotic systems, products, computer control systems for machinery, commercial jets, instruments for medicine and high-performance sporting equipment, and supervise manufacturing operations. Accordingly, the four-year course comprises of Mechanics, Thermodynamics, Kinematics, Material Sciences, Automation & Manufacturing Technologies.

CAREER PATHS

Mechanical engineers provide efficient solutions to the development of processes and products, ranging from small component designs to extremely large plant, machinery or vehicles. Thus, there are employment opportunities in a wide range of sectors, including Aerospace Industry, Automobile Industry, Control and instrumentation, Plant Maintenance, Mining, and Metallurgy etc. to name a few.

LAB FACILITIES:

Mechanical Engg. Laboratories are valuable resources for industrial and academic partnership which provide students access to state-of-the-art facilities in the field of:-

- Applied Thermodynamics
- Automobile Engineering
- Strength of Materials
- Theory of Machines
- Industrial Automation and Robotics
- Heat Transfer
- Fluid Mechanics and Machinery
- Refrigeration & Air-Conditioning
- CAD/CAM & Computer Graphics
- Engineering Materials and Metallurgy
- Mechanical Measurements & Metrology
- Mechanical Vibrations
- CNC Turning Center
- Central Workshop Comprising Machining, Welding, Casting, Carpentry, Sheet Metal Working etc.

RESEARCH FACILITIES

CNC Machining Setup, Injection Moulding Setup, Wear Test Apparatus, Digital Microscope, Micro-Hardness Evaluation, Profile Projector, Image Analyzer, PLC Unit and advance software such as Solid works and MSC University Structure Bundle and Fatigue Package comprising Nastran, Patran, MARC, Apex etc.

STUDENT BODIES:

BIS Standard Club, American Society of Heating, Refrigeration and Air-conditioning Engineers (ASHRAE) Students' Branch, Students' Chapter of Institute of Engineers (India), Robotics Club and Tech-Lit Club.

VALUE ADDITION PROGRAMS

- Department offers one-month in-house CNC Programming course with live projects from the Industry.
- Employability Skill Training classes and choice-based Value Addition Courses for students of all the semesters to equip them with adequate technical and software skills to meet industry expectations and enhance employability prospects.
- In a bid to augment academia-industry interaction, coupled with the purpose of



infusing need-based sense of learning from the view point of industry relevance, department organises "Industry Week" every semester.

- Extensive involvement of Alumni of the Department in training, mentoring and handholding of the current students for their better all-round development. To facilitate the bonding among the alma mater and the current students, department has started a series "KYA.... Know Your Alumni" in 2020.
- ISTE Best student Award 2022 was given to our student Mr. Sukhwinder Singh in TECH URJA 2k22 held at Khalsa College of Engineering, Amritsar on 17th May 2022.

DISTINGUISHED ALUMNI

- Mr. Harman Singh Bal, Power Train Engineer, Fiat Chrysler, Michigan, USA
- Mr. Sagar Trehan, Product Validation Engineer, Cummins Inc, Seymour, USA
- Mr. Ankit Rai, Manager (Supply Chain), Maruti Suzuki India Ltd., Gurugram
- Major Mudit Sood, Indian Army, ADC to Governor, Uttarakhand
- Mr. Roshan Lal Yadav, Deputy Manager, National Thermal Power Corporation (NTPC Limited)
- Mr. Sumeet Bhalla, Manager Quality Assurance, Maruti Suzuki India Ltd, Gurugram
- Mr. Sumit Sood, Sr. Energy Analyst, SensorSuite Inc., Mississauga, Ontario
- Mr. Uday Pal Singh, Captain, Vistara Airlines
- Mr. Sanchit Singh, Senior Product Manager, Amazon, USA

DEPARTMENT OF BUSINESS MANAGEMENT

INTRODUCTION: Founded in 2007, the Department of Business Management is the centre for quality education in the field of management. Transnational and cut throat competitions are demanding immense transformations in the corporate world. We believe that today's business leaders need to pose an excellent package of specialized skills, positive attitude and analytical orientation. Education and training programs revolve around this philosophy in the Department of Business Management. The department is facilitated with the best state-of-the-art infrastructure and dedicated faculty to act as mentors providing directions for individual development. In order to execute this vision, the department offers specialization in the fields of Finance, Marketing, Human Resource Management and Management Information System.

VISION OF THE DEPARTMENT

"The department aspires to become a competitive resource centre of management education, research and innovation supported by ethical values".

MISSION OF THE DEPARTMENT

- To impart application-oriented management education to generate socially and ethically responsible entrepreneurs and professionals.
- To interact with the industry, educational and research organizations and alumni in the fields of curriculum development, training and research to meet the demand of quality skilled human resource at national & international level.
- To develop soft skills of the students in order to increase their employability.

LEARNING ENVIRONMENT

The Institute has developed state-of-the-art infrastructure and excellent facilities in the campus that not only ensure that the students are equipped with all essential



ingredients of professional education but also enjoy their stay in the campus. To provide exposure to the students, exercises on role play, mock interviews, activity based teaching- learning and situation analysis are conducted. Practical and project-based learning are basic elements of teaching-learning process.

CAREER PATHS

The Department has a very clear vision of becoming academically and professionally responsive to the expectations of Indian, Global and Local industry. Some of the organizations where alumni of the department are working include Amazon, Axis Bank, HDFC Bank, Federal Bank, IDFC Bank, Exide Industries, Bajaj Finance, Bharti Airtel Ltd., Capital Via, Ceasefire Industries Ltd., Edelweiss Securities Ltd., Jaro Education, AR Tech Infosystems Pvt. Ltd., Ralson India Ltd., HDB Financial Services Ltd., Wipro, Nerolac Paints, Intellipaat, Sonalika and many more.

RESEARCH FACILITIES

The department has the latest version of statistical packages & also has subscribed various financial and economic databases.

STUDENT BODY: The DAVIET Manageates club is a vital part of the Department that supports the organization's mission of providing professional education with a difference that targets excellence in the industry and promotes creative competence and innovation aimed at producing skilled human resource and entrepreneurs.

DISTINGUISHED ALUMNI

- Mr. Rahul Sharma, Asstt. General Manager, VRS Group.
- Mr. Aditya Sharma, Area Service Manager, Exide Industries Ltd.
- Ms. Aditi Sachdeva, Banking Advisor, Royal Bank of Canada.
- Mr. Lavinder Singh, Cluster Manager & Deputy Vice President, InusInd Bank.
- Ms. Gurleen Makkar, Branch Operations Manager, HDFC Bank Ltd.
- Ms. Ramandeep, Bank of New Zealand, NZ
- Mr. Paras Walia, Senior Manager International Sales Cosmo Films Limited, New Delhi
- Mr. Vaibhav Nidhan Singh Chauhan, Senior Lead Communication, Bajaj Finance Ltd.
- Mr. Badal Sen, Territory Manager, Cipla Ltd.

DEPARTMENT OF COMPUTER APPLICATIONS

INTRODUCTION: The Department provides the students an in-depth knowledge of IT industry and thus enables them to meet the industrial demand for highly trained professionals who will take a lead in the ongoing technological dynamics. We aim to create competent professionals who will play a significant role in diverse commercial, industrial & academic activities. Our aims include:

- to train & educate students at graduate and postgraduate level, producing manpower of outstanding ability.
- to provide students better exposure to ideas, knowledge, experience and trends in computing.
- to inculcate advanced knowledge through value addition courses through effective Industry-Institute interaction.

COURSE DESCRIPTION: Department of Computer Applications offers three year undergraduate course- BCA and two year post graduate course- MCA that provides the students with an ability to serve the competitive world in the fields like Information Technology, Project Management, Management Information System, Enterprise Resource Planning (ERM), System & Application Programming, System Analysis & Design, Digital Marketing, Artificial Intelligence, Machine Learning, Natural Language Processing, Big Data Analysis etc. and various government jobs.

HIGHLIGHTS OF COURSES

Earn while you Learn

20 students from BCA having more than 60% marks in the qualifying exam and excellent communication skills will get an opportunity to Co-op for a job with a salary of Rs. 8000 to Rs. 10000 pm which shall be arranged by the Institute.

CREDIT TRANSFER

Students pursuing BCA course at DAVIET can join Bachelor of Computer Information

System (BCIS) course at University of Fraser Valley Canada.

CAREER PATHS

- Big Data Analyst
- Data Scientist
- Network Administrator/System Administrator
- Database Administrator
- System Analyst
- Web Designer
- Software Engineer
- Software Developer
- IT Consultant
- Data Analyst
- UI/UX Designer
- Full Stack Developer

LAB FACILITIES

- Programming Lab
- DBMS Lab
- Networking Lab
- RedHat Linux Lab
- Operating System Lab
- Project Lab

STUDENT BODIES

- Google Developers Student Club (GDSC)
- MCA Technocrats for Masters Students
- Cyber Warriors for Bachelor Students

VALUE ADDITION PROGRAMS

- One day workshop on Future of INTERNET OF THINGS
- One day Webinar on Robotics
- One Week FDP on Multi-Technologies – DART, REACT JS, INFORMATICA, AWS, DEVOPS, GITHUB
- One Week Workshop on Machine Learning with Python.
- One Week Workshop on Cyber Security and Android using Kotlin
- One Week Workshop on Cyber Security using Python, Tableau and Application Research Development
- One Day Workshop on MEDIA ANALYTICS: How streaming Services Recommend a Movie

DISTINGUISHED ALUMNI

- Neeraj Goyal, Software Engineer, Dell International Services.
- Swati Sharma, Tech. Analyst, Infosys.
- Yamini Verma, Consultant, Capgemini India Pvt Ltd.
- Rupinder Kaur, Project Engineer, Wipro.
- Abhinav Sood, IT Analyst, TCS.
- Ankit Kaura, Software Engg., Paxcom
- Rajat Khanna, Software Engg., Paxcom.
- Suman, Developer, Clerisy Solutions Pvt, Ltd.
- Pankaj Sharma, own Start-up, Uadtrics Solutions



DEPARTMENT OF HOSPITALITY & TOURISM MANAGEMENT

INTRODUCTION: Hospitality is nowadays, a word of curiosity for all of us. Ancient Indian literature acknowledged it in beautiful words of "Atithi Devo Bhava". This age old this magical concept has evolved as a significant source of economic prosperity, not only for people, at micro level, but also for economies of nations, at a macro-economic level. The department offers two promising programs related to this important arena Bachelor of Hotel Management & Catering Technology and Bachelor of Tourism & Travel Management.

COURSE DESCRIPTION

BHMCT

It is a graduate program of four year duration. It enables a future-hotelier to take on a suitable hospitality job-role in any of the following four core areas such as front office operations, food service sector, accommodation operations and food production. The program equips a student with knowledge of unique hotel operations and products, management concepts

including marketing, human resources, finance, etc.; the practical skills related to four core areas of the industry and finer details of hospitality behavior. A student gets opportunity to undergo training twice for one semester each, in real life hospitality operations.

CAREER OPTIONS

A student after completing the program will be able to explore career options in the areas such as: hotel management, food outlet management, club management, airline catering, cruise line catering, catering branch of armed forces, police, railway, etc. The secondary options include government vacancies requiring a graduate, customer care divisions, call centers, sales divisions, organized retail sector, etc.



LAB FACILITIES

- Basic Training Kitchen Lab
- Training Restaurant & Bar
- Front Office Lab
- Mock Hotel Room

COURSE DESCRIPTION

BTTM

It is a graduate program of four year duration. It equips the students with interpersonal skills, managerial skills and team-work. The program provides to the students knowledge of tourism operations and products, hospitality industry, Indian culture, travel agency operations; management of events, human resources, tourism business, principles of management; airline services, tourism business economics, tourism research, etc. The students get opportunity to get practical exposure in live tourism operations under 'on the job training' during final semester of the program.

CAREER OPTIONS

A tourism graduate, after completing the program will be able to explore career options in the areas such as: airline ground staff and cabin crew, travel agency management, tour guide, tour operator, etc. The secondary options for a tourism graduate include travel writer / blogger, transport officer, front office department of a hotel, etc.

LAB FACILITIES

- Full Module of an Airplane Lab
- Geography Lab



DEPARTMENT OF APPLIED SCIENCES

INTRODUCTION : The Department was established in 2001 with the principal goal of providing sound theoretical and analytical background to UG engineering students. The Department operates in absolute synchronization primarily at the first-year level to provide a firm foundation to the aspirants in the subjects, namely Physics, Chemistry, Mathematics & English. We have the best faculty and technical infrastructure to provide the students with the latest theoretical and practical knowledge.

COURSES

Engineering Mathematics

Mathematics is an integral part of a professional's life. The faculty of Mathematics covers mathematical methods/techniques typically used in engineering and industry. Consequently, the focus is on the applied aspect of mathematics to understand and explicate different engineering domains.

Engineering Physics

Physics acts as a bedrock of all scientific innovations. The faculty of Physics covers courses that recognize the engineering work in the private sector or national/international laboratories. The subject enables the students to have in-depth theoretical and practical knowledge and an understanding of the physical systems to carry out research and design problem solutions.

Engineering Chemistry

Chemistry comes up with answers to the needs of society through the mastery of factors that govern and furnish the control of chemical reactions. It is pivotal in man's attempt to become utilize the resources

properly. The faculty of Chemistry offers programs that enable the students to understand the mechanisms involved in generating resources to feed the world's population, tap new sources of energy, clothe and house humankind, and provide renewable substitutes for dwindling or scarce materials etc.

Communicative English

English has emerged as a universal language, and its importance in the life of a professional cannot be overstated. The faculty of English offers programs In Communicative English, Technical Communication and Business Communication to enable the budding professionals to become proficient in spoken, written, technical and business communication. Additionally, the focus is on making students' independent users' of the English language. It aims to make them converse fluently, without strain, with international speakers of English in an accent and lexis that is widely understood across the globe.

LAB FACILITIES

- Physics Laboratory
- Chemistry Laboratory
- Language Lab

RESEARCH FACILITIES:

Laser Kit, Microwave Bench, Michelson Interferometer, Spectrophotometers, Conductivity Meters, Colorimeters, pH meters, BOD Incubator, Flame photometers.

STUDENTS BODIES:

'The Student's Consortium'

VALUE ADDITION

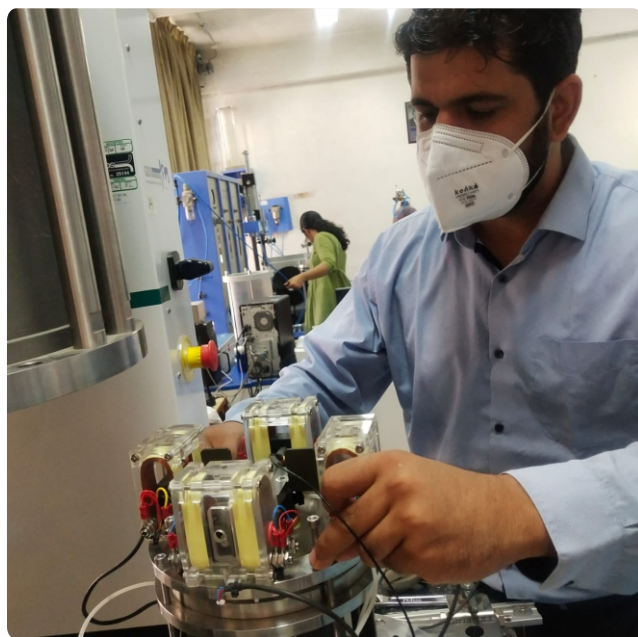
To this intent, expert talks, extension lectures, conferences, seminars, workshops and other interactive programs feature in the academic almanac of the Department.



RESEARCH CENTRE

INTRODUCTION: Department of Research Innovation and Consultancy (RIC) is determined to fetch research projects from the government organizations and industries to encourage the research and development. The research activities are department centric in DAVIET. Each department contributes towards the research and development independently. The institute has collaborations with leading industries and premier institutes in India and abroad. UG and PG students are actively participating in research and development activities. This department plays a vital role in the Institute's liaison with funding bodies, industry, premier institutes and takes care of indentures relating to research, consultancy and commercialization. We provide support, assistance and advice in acquiring and commercializing intellectual property created by Institute staff and students thus ensuring their rights are properly protected.

The different activities of RIC department include organization of National and International Conferences to promote the culture of research in niche areas, promote collaborative programmes with other



institutes in India and abroad, organize specialized industry oriented workshops/ courses/ expert lectures/ FDPs, encouraging industry defined projects by students and faculty, creating awareness about joint research projects, faculty/ student exchange with institutes/ industry and organizing activities jointly with other institutes of repute.

In order to promote the research culture research labs have been established with corporate support. Texas Instruments Innovation centre sponsored by EdGate Technologies Pvt. Limited/Texas Instruments, India; Robotics lab sponsored by Robolab Technologies Pvt. Ltd; Industrial Automation centre in collaboration with Sofcon India Pvt. Ltd.; Galileo Centre for Academic Excellence and Digital Library; Huawei lab, Cyber security Lab, CCNA Lab, CISCO training lab equipments, Oracle technical support service and product for students.

Facilities like Compression Testing Machine, Flexure testing machine lab, Universal testing machine, Schmidt hammer, Ultrasonic pulse velocity test,

Geotechnical engineering laboratory and Material testing laboratory are available in the institute.

The faculty is involved in proactive research in the fields of Nano-Technology, Light Wave Communication, Electro-magnetics, 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. The Institute also subscribes to a large number of reputed online and print journals in various disciplines for research and other academic activities.

The Governing body of the institution had also made provisions to provide seed money up to 1.5 lakh for minor projects to the faculty of the Basic Science/ Engineering & Technology, Management & Environmental Sciences department and SEED Grant up to Rs. 0.75 lakh for Humanities department. There is a budget provision of Rs. 2 lakhs in the annual budget for funding industry defined/ research projects of DAVIET students every year. The Institute grants up to Rs. 25000/- for each industry defined/ research project.

Department of Electronics & Communication Engineering is in the process of establishing up "Artificial Intelligence (AI) and Machine Learning (ML) integrated IoT Lab" under AICTE (MODROB) scheme for which a grant of Rs. 1158600/- (eleven lakh fifty eight thousand and six hundred) has been sanctioned by AICTE.

DEPARTMENT OF TRAINING & PLACEMENT

Department of Training and Placement helps the students through counseling and training for development of desired skills essential for suitable job profile/higher education/ self employment and inviting the Corporate Industries / Commercial Organizations for campus placement.

The Department of Training and Placement takes care of three specific areas:

- Placement of Outgoing Graduates / Post Graduates
- Industrial Training of students
- Industry-Institute Interaction

OUR RECRUITERS

- Syndigo, USA
- Microsoft
- Adobe Systems Pvt. Ltd.
- Axis Bank
- Zscaler
- Shapoorji Pallonji & Co. Ltd.
- Wipro Technologies
- ST Microelectronics
- Jaro Education
- Byjus
- Intellipaat
- Samsung
- Sap Labs India Ltd.
- Cognizant Technologies
- Federal Bank
- FlipKart
- HCL
- HDFC Bank
- Hewlett-Packard (HP)
- HSBC Bank
- IBM
- Vardhman Industries
- ICICI Bank
- Infosys
- IDFC First Bank
- L&T Constructions Ltd.
- Mahindra & Mahindra



- Paytm
 - Schneider Electric
 - Tata Consultancy Services Ltd.
 - Tech Mahindra Ltd.
 - Unisys
 - Huawei Telecommunication Pvt. Ltd.
 - 3A IP
 - ACC Cement
 - Accenture
 - Acropetal Technology Ltd.
 - Capgemini Pvt. Ltd.
 - AGI Infrastructure Ltd
 - Amazon
 - Aon Hewitt
 - Bajaj Allianz General Insurance Co. Ltd.
 - Berger Paints India Ltd.
 - Bharti Airtel Ltd.
 - Capital Small Finance Bank
 - Ceasefire Industries Ltd.
 - Click Labs
 - Code Brew Labs
 - Collabera
 - De Facto Infotech
 - Devraj Hi Tech Industries
 - DHFL Pramerica
 - eClerx Services Ltd.
 - Edelweiss Securities Ltd.
 - EM CEE CEE Sports Agencies Pvt. Ltd.
 - EME Technologies
 - Emicon
 - EPAM INDIA
 - ERA Infra Engineering Ltd.
 - Ericson India Global Services
 - Ernst & Young
 - Fine Switches
 - Ginger Webs Pvt. Ltd.
 - GNA Enterprises Ltd.
 - GreyB Research Pvt. Ltd.
 - GTB Transformers
 - HDB Financial Services Ltd.
 - HDFC Life
 - Hero Cycles Ltd.
 - HP Cotton Textile Mills Ltd.
 - HPL Electric & Power Ltd.
 - IEC Gensets Ltd.
 - India Mart
 - Indiabulls
 - Ingenuity Gaming Pvt Ltd.
 - ITBD Pvt. Ltd.
 - Iteonic Solutions
 - Jaysons Exports
 - JBR Technologies Pvt. Ltd.
 - JITF Urban Infrastructure Ltd.
 - Justdial
 - Kapsons Industries
 - Kent RO Systems Ltd.
 - KONY LABS
 - Kotak Mahindra Bank
 - Kotak Securities
 - L&T Infotech
 - Luminous Industries Ltd.
 - Mahindru Surgical Co.
 - Max Life Insurance Company Ltd.
 - Metro Tyres Ltd.
 - Nestle
 - Nivia Sports
 - Patel Hospital
 - Patient Bond
 - Paxcom
 - Paypal
 - Power Systems & Control
 - Preet Tractor Pvt. Ltd.
 - Prism Johnson Ltd.
 - Prism RMC Ltd.
 - RAH Infotech Pvt. Ltd.
 - Ralson India Ltd.
 - SIDEL India Pvt. Ltd
 - Signicent information
 - Solar First Energy Pvt. Ltd.
 - Tommy Hilfiger
 - Unit Nexus Pvt. Ltd.
 - Utam Valves
 - Vivo Communication Technology Co.
 - WhiteHat Jr.
 - Yodlee Infotech Pvt. Ltd.
- Defence Forces**
- Indian Army
 - Indian Air Force
 - Indian Navy

**All Time
HIGHEST PACKAGE**

54.50 LAKH ₹ PER ANNUM
Syndigo, USA

Ongoing Placement Statistics (2023 Pass Out Batch)



400+
Placements



150+
Corporates

Community Service Through NATIONAL SERVICE SCHEME (NSS)

NSS – A PARADIGM OF 'SERVICE BEFORE SELF'

DAVIET has always mastered the ethos of community service coupled with the art of inculcating the moral, ethical and patriotic values in students. For this purpose, NSS establishes a meaningful linkage between the campus students and the community service. To imbibe the social conscience in the students and to provide them an opportunity to work with the community, NSS unit of DAVIET is always active. Various events and programmes have been conducted under NSS wing of the institute recently includes:

- The NSS Unit in association with Knowledge Villa Integrated Education and Welfare Society, Blood Bank Amritsar, organized a day-long Blood Donation Camp at DAVIET. The camp aimed to educate the students about the significance of making a useful contribution to society by saving the lives of a person in need. In the camp, more than 100 enthusiastic DAVIETians donated blood.

- A Drug de-addiction seminar "Say No to Drugs" was organized by the NSS unit of DAVIET here on the Institute campus in association with NGO Dishadeep, Nishkaam Sewa Society & District Red Cross Society Jalandhar under the Institute Social Responsibility Initiative. The de-addiction seminar aimed to educate the youth about the ill effects of drug abuse and to provide them with information about the means and ways to prevent it.
- NSS wing organized a Seminar on District Legal Services. The seminar was aimed at creating awareness among the students about the availability of free and competent legal aid in the form of counselling and legal advice along with free legal services in the conduct of cases before courts and tribunals.
- The Key Note Speaker, Dr Gagandeep Kaur, Chief Judicial Magistrate,



Jalandhar, highlighted that the Indian Constitution is the basis from which all the laws originate. Dr Gagandeep discussed different articles in the constitution like Article 39 A that ensures access to justice for all. She also shared the fact that sound legal advice and services are available for anyone in need of them. She shared with all the present that the District Legal Services Authority is committed to spreading legal awareness among the masses highlighting the importance of good legal advice. She also shared that the Department aims to render free legal aid to under-trial prisoners whose cases are pending in courts.

NATIONAL CADET CORPS (NCC)

With its motto of "Unity and Discipline" the NCC aims to create organized, trained and motivated youths by developing qualities of leadership, team spirit, secular outlook, ideas of selfless service and spirit of adventure. The activities of the NCC can be broadly divided into Institution Training, Community Development Programme cum

Social Service Activities, Youth Exchange Programme and Adventure Training and Sports. NCC "C" certificate cadets receive benefits in the form of reserved vacancies for commission in the Defense Forces, i.e., in the Indian Army, Indian Navy and the Indian Air Force. Scholarships are also available for deserving NCC cadets who

have excelled in academics. The college unit provides opportunity for the students to be a part of this unique organization and the cadets of the college unit actively take part in the Independence and Republic Day Parade. The college has a senior wing unit of 2 Punjab NCC Battalion.



NCC Annual Training Camp

02 cadets of the college have been selected inter group team of Jalandhar group in that senile camp. They have attended 02 annual training camp under 12 Punjab BN NCC, Hoshiarpur and getting trained for further camp. 04 cadets were selected for the inter Battalion competition and supresented 02 PB BN NCC there held at the firing range of 12 Punjab battalion Hoshiarpur.

EXTRA CURRICULAR ACTIVITIES

DAVIET Heroics in Cultural Domain —
The Victory Saga Continues

DAVIET Bagged Overall Trophy in IKG-PTU Zonal & Inter-Zonal Youth Festival 2022

The Institute has garnered myriad International & National Achievements in Cultural Activities. The prime being overall Winner of IKG PTU Zonal Youth Festival along with individual winners trophies of literary, theatre, music and Fine arts and Inter Zonal Youth Festivals along with individual winners trophies of literary, theatre and Fine arts since inception. In hard fought competitions, our institute has an impeccable record in the domain of cultural activities. Recently, our students Aahram Jain of B.Tech- Computer Science represented the IKG-PTU at Punjab State Inter-University Youth Festival 2022 held at Punjab University, Patiala and bagged 3rd position in Mimicry. The cultural activities unit is spearheaded by Ms. Jasdeep Kaur, Asstt. Prof. (CA) & Cultural Officer, DAVIET.

DAVIET Bagged Overall Trophy in 37th All India Folk Art Contest

The students participated in 37th All India Folk Art Contest, organized by Indian Cultural Association on March 10-11, 2023. The main events in this contest were folk song, marriage song, mimicry & histrionics,

skit, fancy dress, folk dance (male) and folk dance (female). Students of DAVIET got 1st position in Mimicry, bhanga, gidha, folk song, marriage song and 2nd position in histrionics. The performance of the students in various events was creditable and applauded by all. DAVIET got the honor to bag overall trophy in 37th All India Folk Art Contest.

Overall Winner of KSHITIZ 2023 held at GNA University, Phagwara

DAVIET won the Overall Trophy and Cash Prize worth 11,000 in "KSHITIZ 2023" organised by GNA University on April 8, 2023.

Prizes Won in Other Institutions

Throughout the academic year, students from our Institute took part in a variety of activities hosted by various institutions. Numerous students also took part in the various cultural events that SVEEP organised in conjunction with the Punjab Election Commission. Students won different positions in the SVEEP competitions for solo song, poem recitation, group dance, debate, and speech. Our student Jaagreeti Parashar and member of cultural club "Wordsmiths" secured first position in Essay Writing Competition organized by Office of Deputy

Commissioner Jalandhar.

DAVIET grab 1st Prize in Project Display, Code Debugging, 2nd Prize in AD MAD Show, Face Painting in COLORS 2023 organized by CT group of institution Maqsudan. Theatre Club Grabs 1st prize in AD MAD Show in TECH NITI 2023 organized by NIT Jalandhar. Students grab 1st Prize in Photography and 3rd in AD MAD Show in APPEEJAY SPARK-2023 organized by Apeejay Institute of Management & Engg. Jalandhar. Club students grab 1st Prize in Theatre & Poem Recitation in UTKANSH 2023 organized by NIT Jalandhar. Students also took part in CT Institute's "Rang Munch 2022" competition and won overall runner-up trophy and brought honor to our college.

ADHARVA 2K22

Annual Talent Hunt 'ADHARVA 2K2 – Step Into Spotlight' was organised with great zeal & enthusiasm on 21-22, September 2022 at DAVIET. Talent hunt provides a platform for the first-year students to display their talents to make their enthusiastic presence felt. It also gives a chance to the organising students to provide their juniors with the much-needed exposure to show a healthy competition full of learning and an overall fantastic experience.

The events like dancing (western and folk), skit, painting, sketching, rangoli, photography, singing, quiz, elocution, group discussion, essay writing, turban tying and many more were organised by the 12 clubs of the institution viz. Arteso, Alfaaz, Ashwa, Strings and Sargam, Kalakaar, Pragyaan, Clicker, Wordsmiths, Gidha, Bhanga, Shaan-e-dastaar and Ayojaks.



SPORTING SPLENDOUR

OVERALL 1st POSITION IN UNIVERSITY

The institute was awarded with a cash prize of Rs. 2,00,000/- for securing overall 1st position in the university. DAVIET Sports teams won 11 Gold, 03 Silver & 09 bronze medals during 2022-23 Session.

CRICKET (MEN & WOMEN)

Men Cricket Team made the institute proud by winning the IKG PTU Inter-college Cricket Tournament held at DAVIET, Jalandhar from February 21st to 3rd March, 2023. Varun Gupta, Pritish Sani Pranaw Sethi, Syed Ibrahim Imam, Daman Kumar, Marathi Marwaha were selected to represent IKG PTU in North Zone Inter- varsity Cricket Tournament (Men).

HANDBALL (MEN & WOMEN)

Both teams of Handball Men & Women bagged Gold Medal in the IKG PTU Inter-college Handball Tournament held at BGIET, Sangrur from February 16 to 17, 2023. Rahul Sandhu, Sidharth Palsra, Manuir, Sidharth, Ekensh, Sahil,



Harkirat, Rupal Sharma, Aryan Sharma, Varun Gupta, Were Selected to represent IKG PTU in North Zone Inter-varsity Handball Tournament (Men).

LAWN-TENNIS (MEN & WOMEN)

Men's Lawn-tennis team of DAVIET participated in the IKG PTU Inter-college Lawn-Tennis Tournament held at IKG PTU Jalandhar from Feb 09th to 10th, 2023 and won Gold medal for the Institute & Women's Lawn Tennis team Won Silver medal. Rupal Sharma, Utkarsh Bhagat, Madhav, Pahul Virk were selected to represent IKG PTU in North Zone Inter-varsity Lawn-Tennis Tournament (Men).

BASKETBALL (MEN & WOMEN)

Women's basketball Team participated in the IKG PTU Inter-college Basketball Tournament held at DAVIET, Jalandhar from September 27 to 28, 2022-23 and secured First position among the different participating institutes. Team played with sincerity and hard work to become Champions of the Tournament. Basketball men's team participated in the said Inter-college Basketball Tournament and won Gold medal for the Institute. Rahul Sandhu, Manvir, Kartikey, Rajwinder Singh, Sandeep, Priyanshu were selected to represent IKG PTU in North Zone Inter- varsity Basketball Tournament (Men).

CHESS (MEN & WOMEN)

DAVIET Chess Teams Outshine Others at IKG PTU Inter-college Chess Championship held at SVIET, Banur from 11th to 12th Nov 2022-23. Women's team won Gold and Men's Team won Bronze in the said tournament. Nakul Jindal was



selected to represent IKG PTU at North Zone Inter-varsity Chess Championship (Men).

BADMINTON (MEN & WOMEN)

DAVIET Badminton Team Outshine at IKG PTU Inter-college Badminton Championship held at DAVIET from 15th to 17th Sep 2022-23. Both teams won Gold medals in said Championship. Nishant Kumar was selected to represent IKG PTU at North Zone Inter-varsity Badminton Championship (Men).

KABADDI (MEN)

DAVIET Kabaddi Team won Gold Medal IKG PTU Inter-College Tournament held at SVIET, Banur on 3rd November to 4th November, 2022-23. Anmol Sharma, Avinash & Abhishek were selected to represent IKG PTU at North Zone Inter- varsity Kabaddi Tournament (Men).

SPORTING SPLENDOUR

SWIMMING (MEN)

DAVIET Swimming team participated in IKG PTU Inter-college Swimming Tournament held at BBSBEC, Fatehgarh on September 12th, 2022 and won Gold Medal for the Institute. Team showed great Team Work, Courage and Confidence during the different events of the Tournament.

TABLE-TENNIS (MEN & WOMEN)

DAVIET Table-Tennis Men's & Women Team won respectably Silver & Bronze Medal in IKG PTU Inter-college Table-Tennis Tournament held at CT, Shahpur from September 8th, 2022. Lakshay sareen, was selected to represent IKG PTU in North Zone Inter-varsity Table-Tennis Tournament (Men).

CYCLING (MEN & WOMEN)

DAVIET Cycling Team won Bronze Medals in both Men & Women Category in the IKG PTU Inter-college Cycling Tournament held at GNDEC, Ludhiana on October 15, 2022. The students participated with great zeal and brought laurels to the institute.

CROSS-COUNTRY (MEN & WOMEN)

DAVIET Cross-Country Men's & Women Team Won respectably Bronze & Silver Medal in IKG PTU Inter-college Cross-Country Tournament held at CT, Shahpur from 8th Oct, 2022. Ajay was selected to represent IKG PTU at All India Cross Country Tournament.

ATHLETICS (MEN & WOMEN)

DAVIET Athletics Teams (Men & Women) stood third in both categories at the IKG PTU Inter College Athletic Meet held at GTBIMT, Dekha from April 4 to 6, 2023.

MUSCLES FLEXED AT 21ST ANNUAL SPORTS AND ATHLETIC MEET

The 21st Annual Sports day of the Institute was celebrated with great aplomb. Shri Bawa Henry MLA (Jal) & Dr. Ramesh Arya, Vice President (DAVCMC) were the Chief Guest on the occasion.

Dr. Sanjeev Naval, Principal DAVIET graced the occasion by their benign presence. The annual Sports Day of the Institution aimed to provide a platform to

students to showcase their expertise in the sports arena. The track and field events like 100 m, 200m, 400m, 800m, and 1500m, Shot Put, Discus Throw, Long



Jump, 4X100m, 4X400m Relay Race and Tug of War & Volleyball both in the category of men and women. With spirits cooling down and physiques getting weary, the sports meet advanced towards its close with for the Prize Distribution.

Yashika Sood of B.Tech (ECE) 2rd Year and Ajay of B.Com 2nd Year were adjudged Best Athletes in the Annual Athletic and Sports Meet.

Dr. Ramesh Arya, Vice President DAVCMC; Dr. Sanjeev Naval, Principal; Mr. Jaswinder Singh Dhillon, President Sports and Heads of various departments gave away the prizes to the winners on the closing ceremony of the meet.



INFRA- STRUCTURE

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.



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.





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.

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.



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.



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.





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 more than 650 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".

CONVENTION HALL

Convention Hall is located in the PG block, fully equipped with all kinds of audio and visual aids which makes learning more effective. Seminars/Expert Talks/ Small Functions are conducted by the staff and the students of all the departments. Besides, experts from leading industries and corporate houses deliver their expert talks that enable the students to have an exposure of the industrial environment.



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.



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.

Sections:

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

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.

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.



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



RULES & REGULATIONS

RULES & REGULATIONS

- A student shall conform to high standards of discipline and shall conduct himself/herself in a manner befitting the student and the Institute.
- He/She shall show due courtesy and consideration to the employees of the Institute and good neighborliness to his/her fellow students, respect the wardens of the hostels and the teachers of the Institute.
- To safeguard its ideals of scholarship, character and personal behavior, the Institute reserves the right to order the withdrawal of any student at any time for any reason deemed sufficient.
- Punishment such as expulsion from the Institute, withdrawal of candidature from appearing in university examination shall be executed by Principal on recommendation of the discipline committee.
- Students and their parents / representatives are forbidden from addressing the trustees or the members of the Managing Committee directly.
- Consumption of Non Vegetarian food, alcohol or any other intoxicant and smoking etc. is strictly prohibited in the institute as well as hostels. The guilty students shall be liable for punishment and disciplinary action which may include expulsion/suspension from the institution or hostel or imposition of fine or all of them.

DRESS CODE

- The students are required to wear institute uniform on Mondays, Formal Functions of the Institute, Industry-institute interaction, educational tours and placement drives.

IDENTITY CARD

Every student is supposed to get an

Identity Card. In this connection a notice will be issued by the office. The photographer will be available in the institute on the specified dates and timings. Every student must be in possession of Identity card with him/her. Failure to produce the identity card on demand of the competent authority will lead to disciplinary action/ imposition of fine. Loss of identity card must be reported to administrative office immediately and a new card be secured within a week on the payment of prescribed fee.

ATTENDANCE

A student must be regular and punctual. If a student remains absent from the Institute without leave continuously for two weeks, his/her name is liable to be struck off from the Institute rolls. Student will be readmitted on the payment of readmission fee and penalty as applicable. A student must fulfill the requirement of attendance as laid down by IKGPTU, failing which, he/she will be detained from appearing in the end semester university examinations. Attendance during the functions in the institute is compulsory for the students.

LEAVE

- All kinds of leaves should be applied for on prescribed application form before it is availed.
- In exceptional circumstances, the application may be submitted within seven days after the expiry of leave.
- Leave application should be recommended by the respective HoD.
- The medical officer must recommend leave application on medical grounds. Father/ Guardian of the student must countersign such application before it is sent to the Institute. Medical Officer will clearly specify the disease and the period of the rest recommended. Medical certificate along with the

fitness certificate from a competent authority must be submitted on rejoining the Institute.

- The Principal will sanction medical Leave.
- Absence or leave from internal exam may affect internal awards.
- Students absenting themselves without leave shall be liable to disciplinary action including fine.

EXAMINATION

- There shall be two mid semester tests.
- It is compulsory for the students to appear in both the Mid Semester Tests.
- In case a student falls ill during the course of examination, his/her leave application on the prescribed form supported by the medical certificate should be submitted immediately.
- No leave application will be accepted at a later date or after the examination.
- Theory and practical in each subject are considered two separate units.
- A student found guilty of using unfair means during the examination will be given deterrent punishment. He/ She may even be expelled from the Institute or disqualified from appearing in the University examination.

INTERNAL ASSESSMENT AWARDS

PTU has prescribed the following guidelines regarding the award of Internal Assessment.

Theory :

Mid Semester Tests-60%,
Home Assignments- 12.5%,
Tutorials-12.5% and Attendance-15%

Practical :

Practical Performance -60%,
Lab Report-12.5%, Viva Voce-12.5% and
Attendance-15%.

CODE OF CONDUCT

In order to promote ethical behavior, the Institute requires every student to agree and abide by the Code of Conduct. The Code of conduct includes the following:

- Students should be regular and punctual in the classes.
- Attendance during the functions in the institute is compulsory for the students.
- Students are not supposed to leave the Institute during the classes.
- Students are expected not to wear gaudy, skintight, revealing dresses and skirts.
- Students must not give any gift to any employee of the Institute/Hostel/Mess/Canteen.
- Student should develop the habit of forming the queue.
- Student should maintain cleanliness in the campus.
- No student is allowed to involve the name and campus of the Institute in any publication or outside activity without prior permission of the Principal.
- Students are to maintain perfect discipline during educational tours, Industry visits, sports & cultural functions, youth festivals or any other functions organised by the institute.

GENDER SENSITIZATION CELL

The institution is well prepared to handle and respond to gender sensitive issues and provide an environment where men and women can work together with a sense of personal security and dignity. For this purpose the institute has setup gender sensitization cell to engross the awareness about gender issues and working towards and creating an enabling environment of gender justice. Faculty member(s) deputed from each department designated as Nodal Teachers in this cell identifies student Gender Champions from their department.

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.
- Fee shall be as per IKG PTU Norms.
- Tuition/University related fees Subject to change as per Punjab Govt./IKG PTU Norms.
- Additional fee of Rs.500/- will be charged from final year students towards IKG PTU document fee.

OUR WINNERS AND ACHIEVERS

Mr. Nikhil Thakur
B.Tech. Civil Engg.
 To be commissioned as
 Flying Officer, Indian Air Force



Mr. Sukhpreet Singh
B.Tech. Civil Engg.
 To be commissioned as
 Lieutenant, Indian Army



Nimran Atwal
Package 54.50 LPA
 Syndigo, USA
 (B.Tech.)



Vanshika
Package 12.08 LPA
 Microsoft
 (B.Tech.)



Kanika Soni
Package 13.94 LPA
 Zscaler
 (MCA)



Harleen Kaur
Package 12.56 LPA
 Federal Bank
 (MBA)



Sourav Juneja
Package 9.0 LPA
 IntelliPaat
 (BCA)



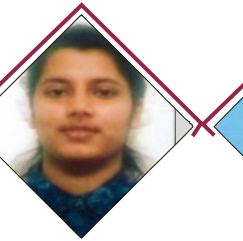
Kirti
 B.Tech. CSE (2021 Pass Out)
1st in University



Kritika Sehdev
 B.Tech. CSE (2019 Pass Out)
1st in University



Anmol Gupta
 B.Tech. EE (2018 Pass Out)
1st in University



Purna Kargil
 B.Tech. IT (2021 Pass Out)
2nd in University



Sourabh Patial
 B.Tech. ECE (2020 Pass Out)
2nd in University



Manmeet Singh
 B.Tech. ME (2020 Pass Out)
2nd in University



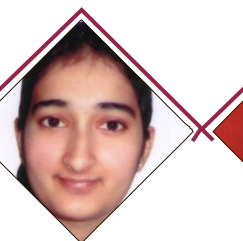
Kunal Gupta
 B.Tech. IT (2020 Pass Out)
2nd in University



Abhishek Kumar Sohal
 B.Tech. ME (2019 Pass Out)
2nd in University



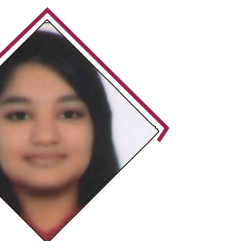
Mamta Devi
 B.Tech. EE (2021 Pass Out)
3rd in University



Gurpreet Kaur
 B.Tech. IT (2021 Pass Out)
3rd in University



Sagar
 B.Tech. ME (2021 Pass Out)
3rd in University



Palak Jindal
 B.Tech. CSE (2020 Pass Out)
3rd in University



Muskan Gupta
 B.Tech. IT (2020 Pass Out)
3rd in University



Bhavisha Duggal
 B.Tech. CSE (2019 Pass Out)
3rd in University



Manjot Kaur
 B.Tech. EE (2019 Pass Out)
3rd in University



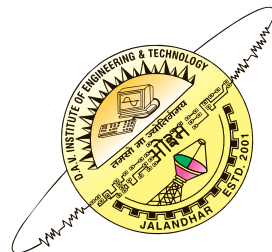
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