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DAVIET

Daltonganj, Palamu (Jharkhand)

THE COLLEGE OF YOUR DREAMS

B.Tech Course in

- Computer Science & Engineering
- Electrical Engineering
- Mechanical Engineering
- Electronics & Communication Engineering



DAV INSTITUTE OF ENGINEERING & TECHNOLOGY

Betla Road, Daltonganj, Palamu (Jharkhand)-822126

(A Joint venture of Govt. of Jharkhand and DAV Trust & Managing Society, New Delhi)

Approved by AICTE, New Delhi & Affiliated to Jharkhand University of Technology, Ranchi

www.davietpalamu.ac.in 9431155110, 8235613254 davietjharkhand@rediffmail.com



BOARD OF GOVERNORS

To realize the dream of Maharishi Dayanand a group of enlightened, dedicated and devoted followers with a deep sense of self denial, founded the Dayanand Anglo Vedic College trust and Management Society which was registered in 1886. The DAV College Trust and Management Society takes pride in the fact that it is the largest non-governmental educational organization in India managing a chain of 900 institutions including Engineering Colleges, Medical Colleges, Polytechnics, Physiotherapy College, Arts and Science Colleges and Public and Model school. It covers, the entire spectrum of educational activity in the country.

The DAV has established a reputation for academic excellence and character building. Every year thousands of students pass out of these institutions and distinguish themselves in various national and international platforms. The society has, as its alumni, distinguished jurists, diplomats, doctors, engineers, scientists, educationists, literary figures and sportsmen. The DAV Alumni have made their mark in every sphere of life. Notable amongst them are Ex-Prime Ministers Sh. Atal Bihari Vajpayee and Sh. I.K. Gujra, Ex-Chief Justice of Hon'ble Supreme court of India Sh. M.M. Punchi, mesmerizing singer Sh. Jagjit Singh, the heart beat of millions Shahrukh Khan, Lion of Cricket Sh. Kapil Dev and the former Prime Minister Shri Manmohan Singh to name of few.

Academic Advisory Committee, DAVIET, Daltonganj, Palamu (Jharkhand)



Shri Poonam Suri
Hon'ble President (DAV CMC)



Shri Ajay Suri
General Secretary (DAV CMC)



Dr. Anoop Kumar Vats
National Co-Ordinator (DAV CMC)



Prof. D.K. Singh
Vice Chancellor (JUT Ranchi)



Dr. Sanjeev Shrivastava
Principal DAVIET, Daltonganj





President's Message



The journey from being good to great is long and hard, but one that is worth undertaking. It requires embracing a spirit of excellence and being in the pursuit of constantly becoming better. This is no more evident than in the world of sports, where players are always striving to improve their skills. Excellence is less of a matter of talent than. It is, in fact, a by-product of the 4 P's - one's passion, practice, perseverance and patience. It is both a path as well as a destination.

The spirit of excellence goes beyond winning or losing. It is about nurturing the values and qualities that make one not just a great athlete but also a remarkable human being. It is visible in the habits we develop and the choices that we make daily. Arrogance can impede our progress by fooling us into believing in our own sense of false superiority. In sports, records are regularly achieved and beaten, but what lasts in public memory, is one's performance, both on-field and off-field.

Punam Suri

President,

*DAV College Managing Committee,
New Delhi*

General Secretary's Message



If you can imagine IT, you can possess IT,
If you can dream IT, you can become IT.

I am elated to state that DAV Institute of Engineering & Technology, Daltonganj (Jharkhand) continues to be faithful in preserving the professional and technical excellence and contributing to the total formation of the human person as much as for his/her own enrichment for the service the society and the nation. I wish god's blessing on all of you.

Ajay Suri

General Secretary,

*DAV College Managing Committee,
New Delhi*

Director Higher Education's Message



Higher Education landscape the world over is fast changing. Our own country, too, is witnessing a 360 degree paradigm shift in education, especially higher education. The advent of Artificial Intelligence and its penetration into all walks of life is making life both exciting and challenging. Scholastic methods, means of delivery of content, relevance of existing curricula are under frequent replacement.

We, at DAV, consistently strive to upgrade ourselves and integrate new means and methods into our basic framework to meet educational aspirations of our students. In a world where education is being largely viewed as a commodity, DAV is of the firm belief that education alone is the only tool to transform society by producing well rounded human beings. With a plausible synthesis of traditional values and modern technological advancements, DAV prepares its students to combat global challenges while being firmly rooted in traditional, cultural ethos.

DAV Institute of Engineering & Technology, Daltonganj, Palamu, Jharkhand, is the most reputed DAV Institutions of the area for academic excellence and sterling performance in extra-curricular areas. Over a period of time, it has consistently maintained its enviable position by virtue of its contribution and service to the area. I congratulate the new students and their families for choosing this institute in search of a better future. The faculty, infrastructure and other resources available here shall definitely help you attain your dream goals. My best wishes to you for an eventful stay here.

Dr. Anoop Kumar Vats

National Co-Ordinator

DAV College Managing Committee, New Delhi

Principal's Desk



First and foremost, I want to convey my profound appreciation to each one of you for your unwavering support, affection, and dedication to the college. Your encouragement empowers us to exert ourselves in advancing the mission of disseminating knowledge rooted in values to everyone. I am very happy with the progress the college has made by imbibing in its students value based education synergized with modern teaching-learning methods to produce a generation of well informed and emotionally sound generation. I am positive that in times to come we will continue this journey with elevated enthusiasm and persistently provide a platform of holistic learning to the young generation of learners. Our students graduate with the skills, mind sets and qualities that will best equip them for success. Come on let's give our best and make this institution a modern temple of learning through our diligence, devotion and dedication. Wishing you all the best...! in the world of the future. They are the future leaders and role models of society.

Prof. (Dr.) Sanjeev Shrivastava

Principal

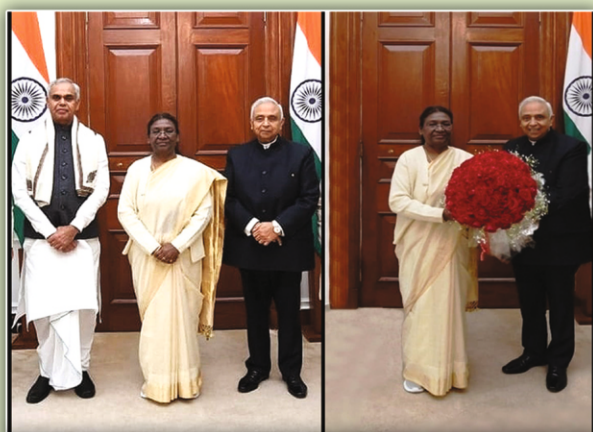
DAV Institute of Engineering & Technology, Palamu (Jharkhand)



About DAV College Managing Committee, New Delhi

DAV College Managing Committee is the largest non-government organization in the field of education in India today. It has a glorious past steeped in the history of India, our great nation. DAV College Managing Committee has contributed to nation-building by pioneering private initiative in education. In our more than 136 years long career span, DAV students have emerged as leaders in their chosen fields as Noble Laureates, Prime Ministers, scientists, sports persons, defense personnel, movie actors, media persons, CEO's making meaningful contributions to the economic and social development of India.

DAVCMC runs and manages over 900 educational institutions comprising of public schools, grants-in-aid schools, colleges, institutes of professional education and research institutions. Trusted by both, public as well as private sector, DAVCMC MANAGES over hundred project and Semi-project school for bluechip corporate houses such as ACC, Tata,



**President of DAVCMC meets
President of India December 2023**

Reliance, Adani and Public Sector Corporation such as BHEL, GAIL, SECL etc. DAVCMC discharges its social responsibility by running ashrams and orphanages for the underprivileged and destitute children and women.

The DAV College Managing Committee (DAVCMC) is managed by a galaxy of luminaries for diverse fields who are committed to the philosophy of Arya Samaj and ideals of Swami Dayanand Saraswati. The DAV institutions are spread all over the length and breadth of India with DAV presence in almost all states catering to a wide range of clients from the urban elite to the rural Indian. DAV's commitment to quality education ensures highly qualified and skilled work force and state-of-art infrastructure in the educational institutions managed by it.

About DAVIET, Palamu

DAV Institute of Engineering & Technology, Daltonganj (Jharkhand) got established in year 2008 under the joint sector of Govt. of Jharkhand. The Institute is approved by AICTE, Ministry of HRD, Govt. of India and affiliated to Jharkhand Technical University, Ranchi (Jharkhand). This is the first degree level Engineering institute started by the DAV College Trust and Management Society, New Delhi in Jharkhand. The DAV College trust and Management Society is the largest non-government educational organization in India managing a chain of 900 institutions in India and abroad. DAVIET is carrying out original research of significance and technology development at the cutting edge. It imparts educational curriculum & training to students to make competent, motivated engineers and

scientist. The institute not only celebrates freedom of thought, cultivates vision and encourages growth, but also inculcates human values and concern for the environment and the society.

Location - DAVIET is at Medininagar (Daltonganj) in Palamau, Jharkhand. It is spread over a 40 acres of land, located on Betla Road (Betla is famous for its National Park & Tiger Reserve), approximately 1.5 km away from the Ranchi-Daltonganj main road & 12 kms from Daltonganj City. It is in the lap of enchanting hills and lush green. It is well connected by roadways and railways.





Department of Computer Science & Engineering

The fast changing technological scenario poses to the institute a challenge of continuously updating its curriculum and faculty to be able to provide state-of-the-art education to the students. Changes, both major and subtle, have been made by the Computer Science Department of the Institute, to be better prepared for tomorrow.

The department of Computer Science has many areas of interest, whether it be an undergraduate degree or degree or multiple research opportunities.

The Department aims to become a major learning and research centre in the areas of Computer Networking, Data warehousing & Mining, Image Processing and Information Security.



Lab Facilities

- Computer Networks & Hardware Lab
- Computer Programming Lab
- Programming Language Lab
- Web Technology Lab
- Software Testing Lab
- Operating System Lab
- Database Management System Lab
- Project Lab

Department of Electronics & Communication Engineering

Department of Electronics & Communication Engineering started its education program of B.Tech with an intake of 45 students.

In the field of electronic engineering, engineers design and test circuits that use the electromagnetic properties of electrical components such as resistors, capacitors, inductors, diodes and transistor to achieve a particular functionality. The tuner circuit, which allows the user of a radio to filter out all but a single station, is just one example of such a circuit.



All Electronic devices need software interface to run and come with one other of other device controlling programs architected and developed by electronic and communication engineering. It also gives great opportunities for research and development, as everyday consumer need new devices to support them in daily life.

Lab Facilities

- Basic Electronics Lab
- Analog & Digital Electronics Lab
- Linear Integrated Circuit Lab
- VLSI Design Lab
- Analog & Digital Communications System Lab
- Digital Signal Processing Lab
- Microprocessor & Embedded System Lab
- Project Lab



Department of Electrical Engineering

From the production of power in power plants and the distribution in high power networks to the customer with his PC in his hold or office, it is electrical engineering that influences our daily life. Electrical Engineers are involved in all areas of our modern society. Electrical Engineers design, develop, test and supervise the manufacturing of electrical equipment. Some of the equipment includes power generators, power transmission devices, electric motors, building lighting, automobiles, aircraft, computers and other



office equipments and home appliances. The main areas of curriculum are Electrical Machines, power systems, Generation, Transmission & Distribution, Control systems, Electronics (including digital, applied and power electronics), microprocessors and Renewable Energy Recourses.

Lab Facilities

- Basic Electrical Engineering Lab
- Power Electronics Lab
- Control System Lab
- Circuit & Network Theory Lab
- Electrical Machine Lab-I
- Electrical Machine Lab-II
- Measurement and Instrumentation Engineering Lab
- Project Lab

Department of Mechanical Engineering

Mechanical Engineering is a core engineering discipline and one of the oldest disciplines of Engineering. This branch of engineering is concerned with the design, manufacture, installation and operation of engines and machines and with manufacturing processes. It is particularly concerned with force and motion. The standard of living of people in a country owes much to mechanical engineering. The mechanical Engineer invents machine tools of increasing accuracy and complexity to build machine.



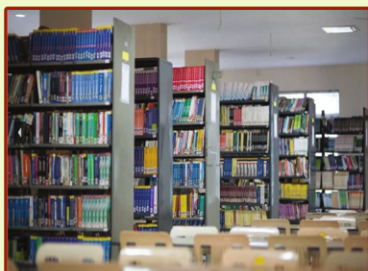
The course aims at developint practical & theorectical knowledg in the different subjects of mechanical engineering discipline offered by the department.

Lab Facilities

- Engineering Mechanics Lab
- KOM/DOM Lab
- Strength of Materials Lab
- Fluid Mechanics Lab
- Automobiles Lab
- Workshop
- Refrigeration & Air Conitioning Lab
- Project Lab



Library Facilities



The Institute has a rich library (around 14 thousand books) with the latest standard books relating to the programmers. It has e-resources as well with the OPAC facility.

Goal-To provide a collection of books and other reading material of all related subjects to develop a comprehensive collection of information required for teaching and reference purpose to meet the present and future needs of its users.

Hostel Facilities (Girls/Boys)

The campus has a hostel for girls/boys, which is a home away from home for nearly 100 students hailing from different states all over the country. Adequate leisure is ensured to the hostelites by way of General Library. Entertainment Centre, indoor and outdoor Sports facility. well furnished rooms with an accommodation choice of single, double and triple occupancy are available. The institution provides both residential hostel and lodging home accommodation to the students separately for boys and girls. the residential hostel is managed by a teacher-warden appointed by the principal. admissions are made on first come first served basis and every inmate is to conduct himself/herself as per prevailing rules and regulations.



Transport Facilities



DAVIET has an excellent transport facility for the faculty, staff & Students with flexible and competitive fare. The institute buses are operated in different routes of Daltonganj.

The route may be extended on the availability of staff & Students. The transport facility remains available for any kind of emergency round-the-clock.

Wi-Fi Campus

21st Century belongs to "Era of Web Information" as Internet plays backbone for every aspect of life. Understanding the need and importance of internet in the field of education the DAVIET, Daltonganj campus is supported by round the Wireless connectivity (Wi-Fi) of 100 Mbps and has strong backbone of 10 access point links throughout the campus which covers each and every corner of the campus including hostels (boys/girls). With the help of which the students can access online information anywhere in and around the campus using their Laptops even after the normal college hours.



Curricular Activities in DAVIET, Palamu



75th Azadi ka Amrit Mahotsav



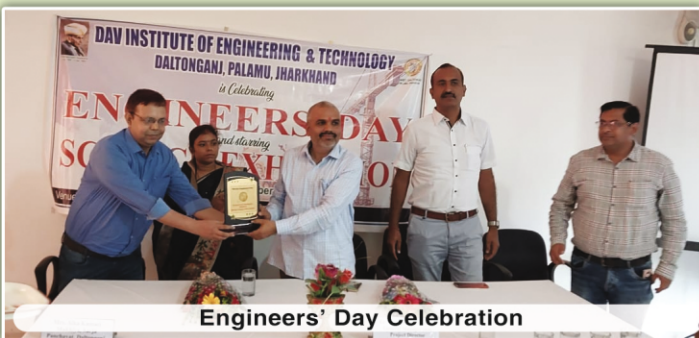
Freshers' Fiesta



Tech Fest Aagaaz in College Premises



Freshers' Fiesta



Engineers' Day Celebration



Good Bye (Farewell Ceremony) to Final Year Students



Rashtra-Gaan Mahotsav on Republic Day



Welcome Ceremony of First Year Students



Industrial Tour to HEC Ranchi (Jharkhand)



National Science Day Celebration



and many more....



STUDENTS ARE PLACED

55+
COMPANIES

**Highest
Package Offered
10 LPA**

DAV GROUP TOP RECRUITERS



Course Offered at DAVIET, Palamu



B. Tech (4 Year Programme)

- Computer Science & Engineering - 45 Seats
- Electronics & Communication Engineering - 45 Seats
- Electrical Engineering - 45 Seats
- Mechanical Engineering - 45 Seats

Eligibility :

- **Regular :** All 10+2 level (PCM) candidate with min 45% marks for General and 40% marks for SC/ST/OBC
- **Lateral Entry :** B.Sc. (PCM)/Diploma in Engineering for Lateral Entry (as per Govt. of Jharkhand Norms)

Admission Criteria :

Admission in B.Tech through Entrance Exam Conducted by Govt. of Jharkhand & JEE Mains, Conducted by Govt. of India, Ministry of HRD India.

Annual Fee Structures

Sl.No.	Fee Title	Fee (in Rupees)
1.	Tuition Fee	52,000.00
2.	Development Fee	2600.00
3.	Internal Exam Fee	2000.00
4.	General Insurance	125.00
Total Yearly Fee Rs.		56,725.00

Additional Amount to be paid at the time of Admission

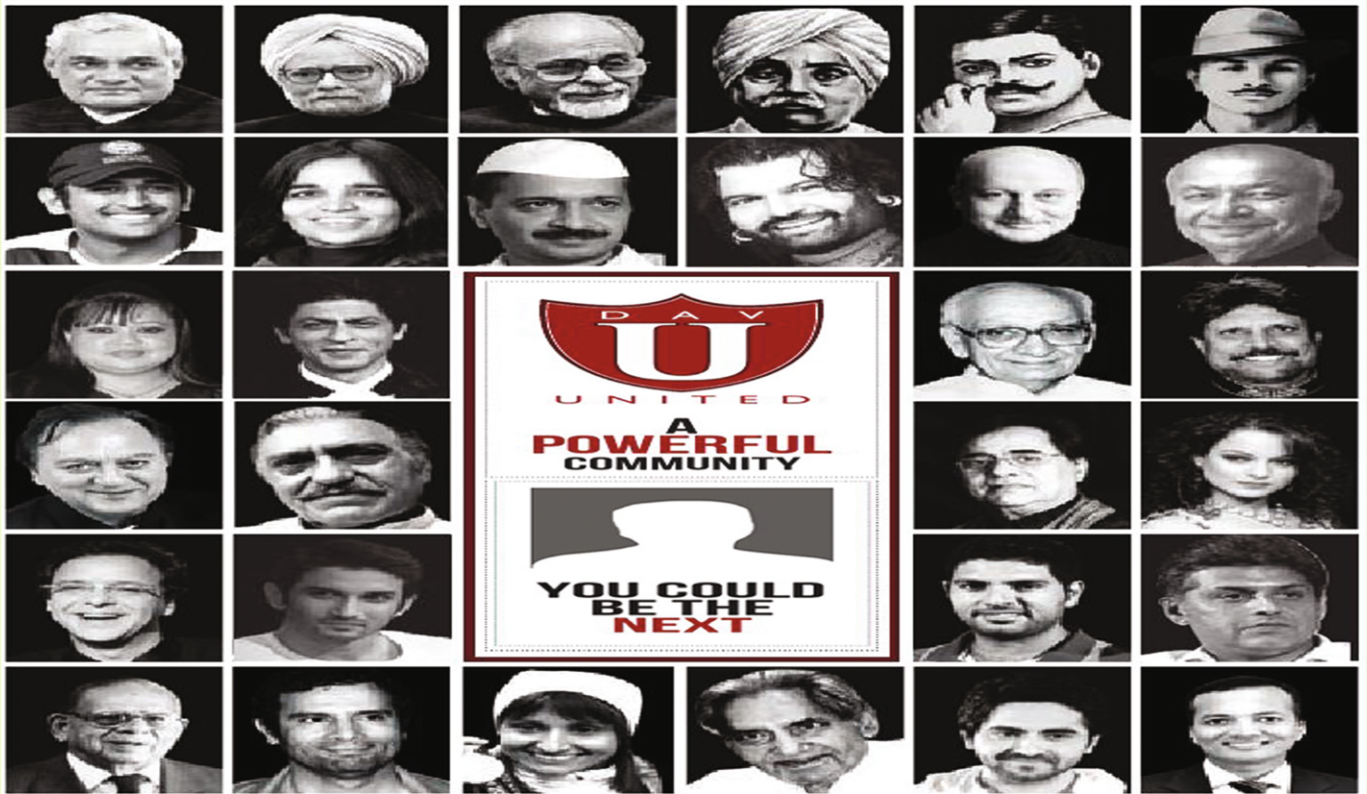
Sl.No.	Fee Title	Fee (in Rupees)
1.	Admission/Enrollment (One Time)	2000.00
2.	Identity Card (One Time)	100.00
Total		2100.00

Note :

1. Girls hostel fee (Fooding & Lodging) Rs. 51,500/- per Year
2. Boys hostel fee (Fooding Only) Rs. 36,000/- per Year
3. Transportation Charge Rs. 14,400/- per Year
4. University Registration & Examination fee will be charged extra, as per university norms.

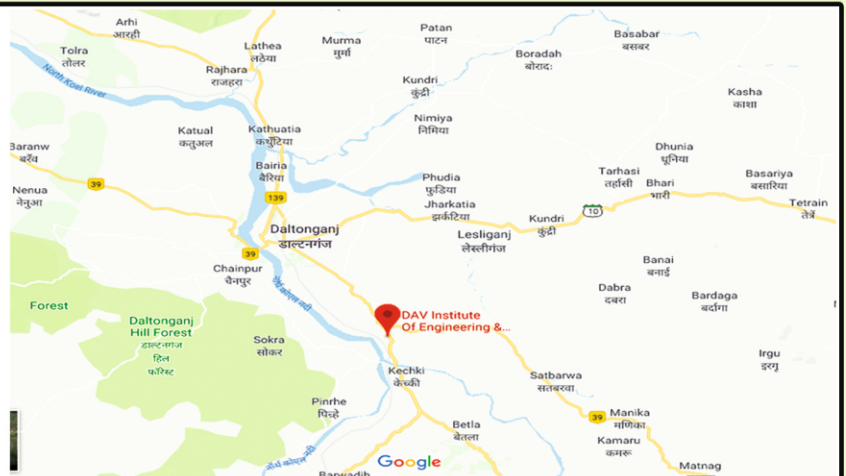
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DAV UNITED



DAV United Festival February 2023

The Location : DAVIET, Medininagar (Daltonganj), established in 2008, spread over a 40 acres of land, located on Betla Road (Near Betla National Park), approximated 1.5 km away from the Ranchi Main Road, Daltonganj and 12 KM from Daltonganj Railway Station. It is in the lap of enchanting hills & lush green trees.



College Address :

DAV Institute of Engineering & Technology

Betla Road, Medninagar (Daltonganj), Palamu, Jharkhand, Pin-822126.

Website : www.davietpalamu.ac.in

Email Id : davietjharkhand@rediffmail.com, info@davietpalamu.ac.in