

ABOUT US

The department of Electronics & Communication Engineering was established in 2010. It offers Under Graduate courses (B.Tech) in the field of Electronics & Communication Engineering. It has a supportive campus environment where one can actively collaborate with his/her faculty and classmates as well as get involved in the other innovative things.

The Department provides many opportunities to gain practical experience and ensure a successful career. E&CED is making exhilarating progress in areas ranging from wireless communication, microelectronics to VLSI Embedded Systems and Antennas. In labs and classrooms, students draw on the expertise and knowledge of our able faculty, Integrating practical, hands on research experience with challenging and interesting course work.

VISION

To achieve academic excellence and become pace setter by opting quality processes interwoven with freedom of flexibility and to mould professionals of superior quality dedicated to the progress and development of humanity.

MISSION

M1: To prepare the students to see beyond geographical limits and belong to a new age of acquisition and application of latest revolutionized Technology in the field of Electronics and Communication Engineering.

M2: To meet the challenges of the changing world by innovating new technologies thereby contributing to the socio-economic welfare of the country with due concern to the marginalized, inspired and guided by moral sacred values.

M3: To provide the best facility, infrastructure and environment to students and faculty members, creating an ambiance conducive for excellence in technical education.

Contact Us

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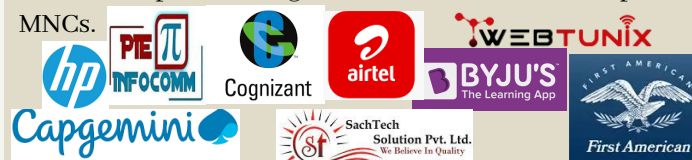
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Fee Structure

- JNGEC, being the oldest government institute has a very nominal fee structure.
- Tuition fees is relaxed for girl students to promote girl education.
- Few seats are reserved under Tuition fee waiver for economically weaker students.
- Scholarships are being offered to meritorious students.

CAREER & PLACEMENTS

The college has a full-fledged Training & Placement Department which continuously strives for bridging the gap between Academia & Industry. Various in-house professional courses, career guidance, and personality development seminars, workshops, and guest lectures are organized regularly to improve the performance of students during job interviews. On-campus, off-campus drives take place on regular basis with the most reputed MNCs.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**Jawaharlal Nehru Govt. Engg. College
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Jawaharlal Nehru Government Engineering College, Sundernagar is a AICTE Approved, State Government funded engineering college. It is located at Sundernagar, District Mandi and is affiliated to Himachal Pradesh Technical University (HimTU), Hamirpur.

**Our Motto "उद्योगः सर्वार्थं सवधकम्" Means
"Industrialization Solves Everything"**

The Campus

The campus is 2 kilometres (1.2 mi) away from NH-21 (Chandigarh to Manali) at village pungh which is 2 km from the Sundernagar bus stand. The campus is spread over 2.6726 hect. of land.

Distance By Road: From Chandigarh N.H. 21 (Chandigarh - Manali), 164 kms from Chandigarh

Distance By Air: From Bhuntar airport (Kullu) 75 Kms.

**Scan this QR Code to get
Directions to our College:**



SALIENT FEATURES OF ECE DEPTT.

Strong Industry Binding- MOU's with various industries and institutes (Infosys Chandigarh, Microtek, Texas Instruments, IIT Mandi, NIT's).

In collaboration with these esteemed organizations, various competitions and course webinars are organized in our department.

Community Outreach- Committed to community engagement. Working with supporting local organizations and public engagement activities. Outreach in the local community gives students a chance to share their passion for science and engineering with others.

Interactive Teaching Learning Aids- Digital Podiums, Graphic Tablets, Smart Boards, Projectors.

Sponsored Training/Workshops for hands-on experience under World Bank.

Active traits- With technical clubs/chapters (IETE, ISTE, IEI) events and fests are organized which gives student a unique experience and they can become expert by getting involved.

Exposure to various extra curricular activities under different functionaries like NSS, UBA, TWASK, Chakarvyuh etc.

Problem of the Month- Students are rewarded for providing various solutions to awarded problems.

Students undergo at least one course through **SWAYAM** (initiative of MHRD) in each semester.



LABORATORY FACILITIES

Our program emphasizes experimental, interactive learning methods with laboratories, projects, and internships from freshman year until graduation.

- Communication Lab- DSO (200MHz, 4 channels), Spectrum Analyzer, WSN nodes.
- Electronics Lab- Electronic Work Stations, IC tester, Bench Top Multimeter
- Microprocessor & Microcontroller Lab- High configured all in one PC's
- Microwave and Optical Lab- Microwave work Bench, Radar Trainer, and Power Meter
- PCB Lab- Automated PCB Machine
- DSP Simulation Lab- High configured PCs, Matlab
- Project Lab- High-end devices all integrated into a single workbench.

RESEARCH FACILITIES

Students actively work on available tools like Labview, HFSS, Netsim, TINA, Matlab etc.



STUDENT ACTIVITIES

- Students got certified with C-certificates of NCC and some have also won awards in NCC Camp
- Students have participated in various technical, and sports events held at various other institutions.
- Participation by students in Startup events, UBA, NSS activities like Swachta Abhiyan, Blood Donation, Kerala Relief Fund, Plantation drive etc.



ALUMNI

The alumni connect is a vital feature of the ECE department. eealumni_jngec@gmail.com



Nandita Patiyl
IP/MPLS Engg
Bharti Airtel



Jyotisha Azad
Engineer
Qualcomm



Alisha Sharma
Tech. Consultant
HP Enterprise



Harsh Bhanot
Project Engineer
Wipro Tech.



Sanchit Sood
Design Engineer
Qualcomm Tech



Shriya Bhandari
Key Account Manager
Paytm

ALUMNI CONNECT

At JNGEC, alumni continue a close rapport/relationship with the department. An engaged alumni network allows the Department to benefit from the skills and experience of our graduates, by offering their support to our students, to the institution and to each other.

Department of ECE organizes lectures and facilitates the involvement of Alumni in important academics and non-academics activities to take the department to greater heights.

Er. Kanihk is regularly engaging classes to help students to crack their GATE examination

GATE Qualified- Top Rank Holders

AIR- 316, Anshul Thakur (Gate- 2021)

AIR- 10, Kanishk Vaidya (Gate- 2019)

AIR- 575, Nitesh Thakur (Gate- 2019)

Many other students got admission in M.Tech in reputed institutions and PSU's through GATE.



ACADEMIC PARTNERS

