

ELECTRO SPARKS



Department of Electronics &
Telecommunication Engineering

Department vision

To enhance students technical skills to meet the needs of the Electronics and Telecommunication industry and to serve the community.

Department mission

M1: To provide quality technical education through outcome base teaching-learning methods.

M2: To develop professional skills through industry-institute interaction.

M3: To promote all-round development of students through a spirit of social responsibility.

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FROM PRINCIPAL'S DESK

In 1983, the Shri Hiralal Hastimal (Jain Brothers, Jalgaon) Polytechnic was founded. The institution has the advantage of a healthy, peaceful, and natural atmosphere with rich values, and it has played a significant role in shaping the future of students from rural areas. It is the oldest and most prestigious polytechnic in the Nashik region, and through providing high-quality technical education, it has altered the landscape of technical education in rural areas.

Our mission is to develop students' technical capabilities to satisfy industrial demands while upholding moral principles. In order to help our students become top-tier professionals, we have invested in the greatest infrastructure, highly qualified staff, and a dedicated placement

cell and entrepreneurship cell. At our institution, we promote strong academic standards and hold students to a high standard of personal motivation and self-discipline, all of which are necessary for a successful life.

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Principal
Dr.V. A. Wankhede
(PhD, SVNIT Surat)

FROM HOD'S DESK



HoD
Mr.N.R.Thakre
M.E.(EPS)

Welcome to the department of Electronics and Telecommunication Engineering at, Shri H.H.J.B.Polytechnic, Chandwad, Dist-Nashik. We started our journey in the year of 1994 with Industrial Electronics Stream, further we started Electronics and Telecommunication Engineering program in the year 2001. The aim of the department is to provide quality technical education of the highest standard. Department

has experienced faculty who are continuously taking great efforts to develop our students technically strong enough to meet industry need in the field of Electronics and Telecommunication.

We proudly mention here that our programme of Electronics and Telecommunication engineering is accredited by National board of Accreditation (NBA) for the period of three years up to June 2026.

Department has been awarded by Excellent Rating by MSBTE in academic monitoring A.Y.2022-23. To develop professional skill through industry-institute interaction department organizes industry visits, expert lectures, and workshop and training programs.

Proud Moments from the Electronics and Telecommunication Engineering Department Academic Year 2023-2024

We are thrilled to announce that our students have made us proud by not only participating in various prestigious national and state-level technical events but also by winning several top prizes. Their dedication and hard work are a testament to the department's commitment to fostering innovation, technical excellence, and a spirit of healthy competition. These achievements reflect both the individual brilliance of our students and the strong mentorship provided by our faculty.

Achievement in State-Level Project Competition

We are proud to announce that a project group from the Third Year Electronics and Telecommunication Engineering Department achieved a remarkable 1st place at the State Level Project Competition, organized by RSM Polytechnic, Nashik, on 19th March 2024. Their innovative project focused on Agriculture Drone Spray Technology, showcasing their ability to merge cutting-edge technology with practical solutions for the agricultural sector.



National-Level Victory

Third Year students from the Electronics and Telecommunication Department won First Prize at the National Level Project Competition organized by Anantrao Pawar College of Engineering, Pune on 4th April 2024 for their project on Agricultural Spray Drone Technology. Guided by Dr. V.A. Wankhede and Mr. N.R. Thakre, the project showcases innovation in agricultural solutions.



State-Level Recognition

A project group from the Third Year secured Second Prize in Carnival-2K24, a state-level technical event organized by the Computer Technology Department of SNJB's Shri Hiralal Hastimal Polytechnic, Chandwad.

Participation in MSBTE Sponsored Quiz Competition

On 23rd February 2024, two students from Third Year Electronics and Telecommunication Engineering—Shruti Pandit and Priyanka Pawar—represented the department in the MSBTE Sponsored State Level Quiz Competition. The event was organized by MIT Polytechnic, Chatrapati Sambhaji Nagar.



Achievements at Techno-Spark 2K24

On 7th March 2024, students from the Electronics and Telecommunication Engineering Department excelled at Techno-Spark 2K24, a state-level event organized by SNJB's Shri Hiralal Hastimal Polytechnic, Chandwad.



- The Agriculture Drone Spray Technology project group won 1st Prize.
- Pushpa Vakte (SYEJ) secured 2nd Prize in the Poster Competition.



Arpit Jain and Ishan More (TYEJ) won 1st Prize, while Shruti Pandit and Rushikesh Deore took the 2nd Prize. These achievements highlight the talent and hard work of our students!

Industrial Visit to 132kV/33kV Substation

On 27th February 2024, the Department of Electronics and Telecommunication Engineering organized an Industrial Visit to the 132kV/33kV Substation at Nanhave, Chandwad for First Year students as part of the EEE (312315) course.

A total of 60 students benefited from the visit, gaining valuable insights into power systems and substation operations.

The visit was well-coordinated by Miss P.S. Patil and Mr. Y.M. Mahale.



Industrial Visit to Funicular Trolley, Saptshrung Gad

In celebration of National Science Day 2024, the Department of Electronics and Telecommunication Engineering organized an Industrial Visit on 28th February 2024 to the Funicular Trolley at Saptshrung Gad, Kalwan for Third Year students. A total of 28 students participated, gaining hands-on insights under the Mechatronics (22643) course. The visit was successfully coordinated by Mr. M.A. Nalawade and Miss K.M. Pardeshi

Visit to Defence Expo, Pune

On 26th February 2024, Third Year students from the Electronics and Telecommunication and Civil Engineering departments attended the Defence Expo in Pune, organized by the Government of Maharashtra. The expo highlighted the contributions of MSMEs, private companies, DRDO laboratories, and DPSU setups within Maharashtra. The visit provided valuable exposure to cutting-edge defense technologies. The visit was organized by Mr. M.A. Nalawade and Mr. N.R. Savandre.





Expert Session on "Basics of C Language Programming"

On 6th March 2024, an expert session on "Basics of C Language Programming" was conducted for First Year Electronics and Telecommunication Engineering students. The session was led by Prof. Surse Monika, Assistant Professor, Computer Engineering Department, SNJB COE Chandwad. Key topics included C programming fundamentals and the use of the onlineGDB platform for multi-language program development. A total of 55 students benefited from the session, which was well-organized by Mr. S.T. Patil.

Expert Session on "Planning at Supervisory Level"

On 14th March 2024, an expert session on "Planning at Supervisory Level" was conducted for Third Year Electronics and Telecommunication Engineering students. The session was led by Prof. L.R. Lassi, Assistant Professor from the MBA Department, SNJB COE Chandwad. A total of 26 students attended and gained valuable insights into effective supervisory planning. The session was well-organized by Mrs. M.M. Wagh.



Expert Lecture on "Knowledge about Laws & Cyber Laws in India"

On 18th March 2024, an expert lecture was conducted under the Mentor Scheme on the topic "Knowledge about Laws & Cyber Laws in India". The session was led by Adv. Mrs. K.S. Kulkarni. A total of 56 students from the Second and Third Year Electronics and Telecommunication Engineering programs attended the lecture, gaining valuable insights into Indian legal frameworks and cyber laws. The session was well-organized by Ms. P.V. Narale.



Publication in South Asia's Reputed Magazine

We are thrilled to announce that Mr. N.R. Thakre, Head of the Electronics and Telecommunication Engineering Department, has published an article titled "Smart Home Automation System Using ESP8266 NodeMCU" in Electronics for You, one of South Asia's leading magazines. This article appeared in Vol 56, No 2 of the EFY Group publication (ISSN 0013-516X).

Heartiest congratulations to Mr. Thakre for this remarkable achievement!



IEI Students' Chapter Recognition

We are delighted to announce that the IEI Students' Chapter featured the news of our department's state-level "Project Competition" held during Techno-Spark 2K24 in their April 2024 publication (Volume 6, Issue 2). This recognition showcases the department's commitment to promoting technical excellence and innovation. Special thanks to Mr. M.A. Nalawade (IEI Student's Chapter Coordinator) for his dedicated efforts in making this achievement possible.

News of Technical Activities from Polytechnic College Students' Chapter

Dr N J Paulbude College of Polytechnic, Ahmednagar (Maharashtra)

The IEI Students' Chapter of Dr. N J Paulbude College of Polytechnic organized Technical Lecture on "Indian Automobile-Car Segment" on 3 April 2024.



Speaker and the participants

They arranged an Expert Talk on "Solar Design: Opportunities and Challenges" on 4 April 2024.



Participants during the event

Government Polytechnic, Ahmednagar (Gujarat)

The IEI Students' Chapter, Department of Civil Engineering of Government Polytechnic organized Lecture on "Opportunities for Civil Engineers" on 13 March 2024.



Participants during the event

SNJB's Shri Hiralal Hastimal (Jain Brothers, Jalgaon) Polytechnic, Chandwad (Maharashtra)

The IEI Students' Chapter of SNJB's Shri Hiralal Hastimal (Jain Brothers, Jalgaon) Polytechnic organized State Level "Project Competition" in Techno-Spark 2k24 on 7 March 2024.




Glimpse of the event

April 2024
Student News Lett

Industry-Sponsored IoT Lab

We are pleased to announce that SNJB's Shri Hiralal Hastimal (Jain Brothers, Jalgaon) Polytechnic has received a generous sponsorship of ₹2,01,000 from **SAIimplex Pvt. Ltd., Surat**, for the development of a state-of-the-art Internet of Things (IoT) Lab in the Electronics and Telecommunication Engineering Department. This initiative will enhance practical learning and innovation in the field of IoT.




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INTERNET OF THINGS (IoT)

Equipments / Developments Boards Deployed by Sponsor

Sr.no	Particulars	Quantity	Approximate Budget
1	Function Generator 2 or 3 MHz	2	40,000/-
2	ScienTech 50 Mhz Digital Storage Oscilloscope DSO	2	60,000/-
3	Digital Multimeter	5	20,000/-
4	ESP 8266 Microcontroller Development Board	10	4000/-
5	Servomotor	5	750/-
6	JoyStick	2	600/-
7	Ultrasonic Sensor	5	500/-
8	LCD with I2C Module	5	1500/-
9	Arduino Development Board	10	3000/-
10	PIR Motion Detecting Sensor	3	600/-
11	DHT 11 Temperature and Humidity Sensor	2	400/-
12	Relay Module (Single Channel)	5	750/-
13	Stepper Motor	2	600/-
14	HC 05 Bluetooth module	2	740/-
15	Float Switch for Water Level Control	1	410/-
16	Dual Power Supply	3	45,000/-
17	Electronics Tool Box	10	20,000/-
Total			1,99,650/-

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Parent's Meet 2K24 Highlights

The Department of Electronics and Telecommunication Engineering successfully hosted Parent's Meet 2K24 on 29th February 2024, with 21 parents actively participating. Key discussions included the recent First Semester results, awareness of the New Education Policy, and an overview of steps taken for students' overall development. The event featured interactive sessions with parents and a visit to the department's laboratories. The meet was efficiently organized by Ms. P.V. Narale, Ms. K.M. Pardeshi, and Ms. P.S. Patil.



Career Guidance Session

On 5th March 2024, the Training and Placement Cell of SNJB's Shri Hiralal Hastimal Polytechnic, Chandwad organized a career guidance session for Second and Final Year students of the E&TC and Mechanical departments. Mr. Nanasaheb Kolage, DGM HR at Ring Plus Aqua Ltd. (Raymond Group), Sinnar, Nashik, addressed 240 students. The session was organized by Mr. G.J. Pagar and Mr. S.T. Patil, under the guidance of Mr. Y.L. Kakuste (T&P Officer) and HODs Dr. D.V. Lohar and Mr. N.R. Thakre.



Successful State-Level Project Competition at Techno-Spark 2024

The Department of Electronics and Telecommunication Engineering, in association with the IEI Student's Chapter, successfully organized a state-level project competition during Techno-Spark 2024. This event showcased the innovative talents of students from various polytechnics and highlighted cutting-edge projects in the field of engineering.

Winners of the Competition:

- 1st Prize: Agriculture Spraying Drone Project (TYEJ) - S.H.H.J.B. Polytechnic, Chandwad.
- 2nd Prize: Getting KWH from Pascal & Hertz Project (TYEE) - S.N.D. Polytechnic, Yeola
- 3rd Prize: Design and Fabrication of Electric Three-Wheeler Project (TYEJ) - S.H.H.J.B. Polytechnic, Chandwad.

Evaluators:

The competition was assessed by a panel of esteemed judges:

- Mr. Vijay Sharma, Managing Director, Elite Technologies, Nashik
- Ms. Mansi Gaikar, Senior Research and Development Engineer and Safety Professional, Sivananda Electronics, Nashik
- Mr. Ganesh Chavan, Head of the Electrical Department, S.N.D. Polytechnic, Yeola

The event provided a platform for students to demonstrate their technical skills and innovative thinking, fostering a spirit of competition and collaboration among engineering institutions.

Glimpses from the Event:

Below are some highlights from the competition, showcasing the students' projects and the enthusiastic participation of attendees.



Participation in Annual Social Gathering Spandan-2K24



The students of the Electronics and Telecommunication Engineering Department actively participated in various events at the annual social gathering, Spandan-2K24. This vibrant event served as a platform for showcasing talents, fostering teamwork, and promoting creativity among students from different departments.

The enthusiastic participation of our students at Spandan-2K24 not only highlighted their diverse talents but also strengthened the sense of community within the department. We are proud of their achievements and contributions to making this gathering a success!

Successful Placements for Electronics and Telecommunication Students

The Department of Electronics and Telecommunication Engineering at SNJB's Shri Hiralal Hastimal Polytechnic, Chandwad, in collaboration with the Training and Placement Officer (TPO), has secured outstanding placement opportunities for its students.

Renowned companies such as TATA Motors, Ring Plus Aqua, L&T Defence Pune, and Wipro Pari Pvt. Ltd., Pune have extended offers, leading to successful placements for approximately 38 students.

This achievement highlights the institute's commitment to providing quality education and fostering strong industry connections, ensuring that students are well-prepared for their careers.



MSBTE Summer 2023 Exam Results Announcement



SNJB's Shri Hiralal Hastimal (Jain Brothers, Jalgaon)
Polytechnic, Chandwad

(All AICTE Affiliated Programs NBA Accredited)



DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Hearty Congratulations
MSBTE SUMMER 2024 RESULT



FIRST YEAR TOPPERS



Anuja Handge
85.29%



Mrunali Barapatre
85.06%



Tanmay Dhinge
83.41%



SECOND YEAR TOPPERS



Kunal Gharate
89.11%



Purva Falke
87.44%



Jay Fasale
86.78%

THIRD YEAR TOPPERS



Arpit Jain
92.47%



Shruti Pandit
88.71%



Vaishnavi Tidake
88.65%

Regards Management, Principal, HoD. & All Faculties,



Congratulations to all the students for their hard work and achievements!