



SANDIP
UNIVERSITY
— UGC Recognised —



SANDIP UNIVERSITY, NASHIK
SCHOOL OF ENGINEERING AND TECHNOLOGY
ELECTRICAL ENGINEERING DEPARTMENT

REPORT ON
INDUCTION PROGRAMME FOR LATERAL ENTRY
STUDENTS

ACADEMIC YEAR 2026–27

Date: 23.09.2026 Time: 1 to 2 PM Location: SOET Seminar Hall

Organized by

Department of Electrical Engineering (EED)

School of Engineering and Technology (SOET)

Sandip University, Nashik (SUN)

Welcome & Departmental Orientation for Lateral Entry Students

1. Introduction

The Department of Electrical Engineering (EED), School of Engineering and Technology (SOET), Sandip University, Nashik, conducted an Induction Programme for Lateral Entry Students for the Academic Year 2026–27. The programme was designed to welcome newly admitted lateral-entry students and familiarize them with the Department of Electrical Engineering, its academic structure, faculty, courses, laboratories, student support systems, industry-oriented initiatives, placement opportunities, consultancy activities and co-curricular and extra-curricular activities.

The departmental presentation used during the programme highlighted the major verticals of the Electrical Engineering Department, namely Faculty, Courses and Curriculum, Unique Selling Propositions (USP), Consultancy, Placement, and Extra-Curricular/Student Development Activities. The orientation therefore served as a structured introduction to the academic and professional ecosystem available to lateral-entry students.

2. Purpose of the Induction Programme

- To welcome lateral-entry students to Sandip University, the School of Engineering and Technology and the Electrical Engineering Department.
- To familiarize students with the departmental faculty members, their areas of specialization and academic support available to students.
- To explain the undergraduate, postgraduate and doctoral programmes offered by the Department.
- To introduce students to the department's industry-oriented curriculum and future-focused areas such as Electric Vehicles, renewable energy, solar engineering, wind energy, smart energy systems and AI/ML approaches for Electrical Engineering.
- To make students aware of laboratory facilities, project-based learning, flipped/digital classroom practices and value-added programmes.
- To provide information about placement assistance, competitive-examination guidance, Faculty Advisory System and other student-support mechanisms.
- To introduce students to consultancy, industry interaction, workshops, expert lectures, webinars, quizzes, conferences and industrial visits.
- To help lateral-entry students understand the opportunities available for academic growth, projects, higher studies, research and careers in Electrical Engineering.

3. Departmental Verticals Covered During the Induction

Sr. No.	Vertical	Focus of Orientation
1	Faculty	Faculty profile, experience and areas of specialization.
2	Courses and Curriculum	UG, PG and PhD programmes and academic structure.
3	USP	Academic strengths, future technologies, student support and industry linkage.
4	Consultancy	Departmental consultancy thrust areas and practical engineering activities.
5	Placement	Placement assistance, placement record and examples of student placements.
6	Extra-Curricular / Student Development Activities	Workshops, expert lectures, industrial visits, webinars, quizzes and conferences.

4. Salient Features of the University and Department

- UGC recognized university.
- NAAC “A” approved and recognized university.
- Extra-curricular activities for students in every semester.
- 100% placement assistance.
- Industry-oriented syllabus and structure.
- Well-equipped laboratories.

5. Faculty Profile – Electrical Engineering Department

The induction presentation introduced the faculty members of the Department of Electrical Engineering and highlighted their experience and specialization areas. The faculty profile presented in the programme is summarized below.

Sr. No.	Name	Experience (Years)	Area of Specialization	Designation/Role
1	Prof. (Dr.) Prakash Burade	25	Power Electronics and Optimization Techniques	Dean, SOET
2	Dr. Mayur Barman	15	Power & Renewable System, Soft Computing Techniques	HOD, EED
3	Dr. Imran Ahmed	03	Power Electronics, Renewable Energy	Assistant Professor
4	Prof. (Dr.) B. Suresh Babu	20	Control Systems, Electric Vehicles	Professor
5	Dr. Sathishkumar Hari	12	Power Electronics & Power System	Assistant Professor
6	Dr. Dev Rai	20	Electrical Machines, Renewable Energy	Associate Professor
7	Dr. Sarath	13	Smart Grid, Electrical Machines	Assistant Professor
8	Ms. Pragati Patil	13	Smart Grid, Electrical Machines	Assistant Professor
9	Dr. Shankar Pandit	10	Instrumentation	Assistant Professor
10	Mr. Harshal Chaughule	13	Power Electronics and Drives	Assistant Professor

6. Courses and Curriculum

The Department offers programmes at undergraduate, postgraduate and doctoral levels:

- UG: B.Tech in Electrical Engineering.
- PG: Electrical Power System.
- PG: Electric Vehicles.
- PhD: Electrical Engineering.

7. Unique Strengths and Academic Practices of the Department

- Highly qualified faculty, with more than 80% doctorate faculty as highlighted in the presentation.
- Excellent placement record; the presentation reported that 70% of students were placed in AY 2025–26, with a maximum package of 9 LPA.
- GATE-oriented learning and problem-solving.

- Curriculum aligned with future technologies such as Electric Vehicles, Green & Smart Energy Systems, Solar Engineering, Wind Energy and AIML approaches for Electrical Engineering.
- Project-Based Learning (PBL) systems.
- Flipped classroom and digital classroom practices.
- Faculty Advisory System (FAS) for student mentoring and academic support.
- Enhanced student participation through CR/LR meetings.
- Implementation of Outcome Based Education practices.
- Value Added Programmes in each semester by industry experts.
- Guidance for competitive examinations, with emphasis on opportunities available to Electrical Engineering students.
- Incorporation of NEP 2020 for students from AY 2024–25.
- Provision for minor degrees in AIML, Computer Science and Data Science.
- Honours opportunities in Electric Vehicle, Renewable Energy and Solar Energy.
- Academic autonomy and syllabus orientation towards industry demand.
- Central placement facility.
- Active MoUs with more than 20 companies.

8. Consultancy and Industry-Oriented Activities

The induction presentation also introduced students to the consultancy thrust areas of the Electrical Engineering Department. These activities demonstrate the department's engagement with practical engineering requirements and industry-oriented problem solving.

- Electrical Distribution Panel Manufacturing – 100A Minipillar Panel.
- Digitization of Equipment – Air Force Ozhar.
- Electric Vehicle – Wasan E-Mobility.
- Manufacturing of Electrical Boards and installation in campus.

9. Placement and Career Opportunities

Students were oriented about the department's placement support and examples of placement outcomes presented in the departmental induction material. The presentation indicated 70% placement in AY 2025–26 and a maximum package of 9 LPA. Selected examples displayed in the presentation are reproduced below.

Student Name	Company	Designation	Package (LPA)
Rane Chandan Avinash	Mittsure Technologies LLP	Relationship Manager	10
Wagh Vaishali Sanjay	MSEB	Trainee Engineer	8.4
Salve Sushil Dhanraj	Prainar Enterprizes	Assistant Electrical Engineer	10
Mohammadlaik Ansar Naikwadi	Talentcorp Solution Private Limited	Assistant Manager	10
Zihan Faruk Mansuri	Sai Son Resins and Chemicals	Electrical Maintenance Engineer	6
Vishwakarma Sejal Rameshchandra	Eagle HI Tech Industrial Corporate Pvt. Ltd.	Trainee Engineer	3
Thakare Parshuram Vitthal	RR Plast	Trainee Engineer	4.2
Shewale Abhijit Dadaji	Mahindra & Mahindra	Instrumentation Engineering	3.75
Mahajan Vishal Rajendra	Mahindra & Mahindra	Executive	3.75
Sayalee Kamlesh Rajput	Bharat Wire Ropes Limited	Graduate Engineering Trainee	2.4
Waje Atharva Sandip	Indian Military Service	Lieutenant (training)	3.6
Sapkal Aditya Sandip	RR Plast	Junior Engineer	4.2

10. Workshops, Seminars, Expert Lectures and Student Activities

The induction programme emphasized that student development extends beyond classroom teaching. The department's planned/implemented academic enrichment activities include:

Activity	Departmental Practice
Hands-on Workshops	One hands-on workshop in every semester on recent topics.
Expert Lectures	2–3 expert lectures in every semester by industry experts.
Industry Visits	Minimum two industry visits in every semester to nearby industries/power plants.
Online Webinars	One online webinar in every semester by academia and industry experts.
Online Quiz	One online quiz on electrical subjects in every semester.
Conference	One conference in every semester.

11. Departmental Facilities

The induction presentation introduced the availability of advanced laboratory facilities and learning spaces. The presentation also included glimpses of departmental activities and facilities such as advanced laboratories and flipped classroom/tutorial room facilities.

- Advanced laboratories supporting practical learning.
- Flipped classroom / tutorial room facility.
- Digital and classroom-based learning support.
- Laboratory exposure integrated with project-based and industry-oriented learning.

12. Student Engagement and Departmental Activities Highlighted

The presentation included glimpses of several activities conducted by the School/Department. These included CR Meet, Industrial Visits, Circuitron, Web Designing, CIA-3 conduction, Job Fair 2026, a guest lecture on Future of Indian Power Sector: Smart Grid & Renewable Integration, a hands-on workshop on Robotics, Embedded and IoT Technologies, and Parent-Teacher Meet.

13. Orientation for Lateral Entry Students

As lateral-entry students join the engineering programme with prior diploma-level technical exposure, the induction programme provides an opportunity to understand the academic expectations and learning environment of the Department. The students were introduced to the department's curriculum, faculty support, laboratory facilities, project-based learning, industry interaction and career-oriented activities. The orientation also highlighted pathways for participation in value-added programmes, workshops, expert lectures, industrial visits, competitive examination preparation, projects, higher studies and research.

Students were encouraged to actively engage with faculty members, make effective use of laboratory and classroom resources, participate in technical and co-curricular activities, and develop skills that complement their existing diploma-level knowledge.

14. Expected Outcomes of the Induction Programme

1. Students become familiar with the Electrical Engineering Department and the School of Engineering and Technology.
2. Students understand the programmes, curriculum orientation and academic opportunities available in the department.
3. Students become aware of faculty members and their areas of specialization.
4. Students understand the importance of project-based learning, flipped/digital classrooms and outcome-based education.
5. Students become aware of future-oriented domains including Electric Vehicles, renewable energy, solar energy, wind energy, smart grids and AI/ML applications.
6. Students gain awareness of Faculty Advisory System, CR/LR meetings and other student-support mechanisms.
7. Students understand the department's placement support and opportunities for industry interaction.
8. Students become aware of workshops, expert lectures, industrial visits, webinars, quizzes and conferences.
9. Students understand the role of consultancy and practical engineering activities in professional development.
10. Students are motivated to participate in technical, professional and extra-curricular activities throughout their programme.

15. Benefits to Lateral Entry Students

- Smooth academic transition into the university's engineering environment.
- Awareness of faculty support and mentoring mechanisms.
- Understanding of available laboratories and practical learning opportunities.
- Exposure to industry-oriented and future-focused areas of Electrical Engineering.
- Awareness of placement assistance and career-development activities.
- Opportunities to participate in workshops, expert lectures, industrial visits and technical events.
- Awareness of competitive examinations and higher-study/research pathways.
- Encouragement to develop technical, professional, communication and problem-solving skills.

16. Conclusion

The Induction Programme for Lateral Entry Students for Academic Year 2026–27 served as an important orientation platform for introducing students to the Electrical Engineering Department, School of Engineering and Technology, Sandip University, Nashik. The programme presented the department's faculty strength, academic programmes, unique strengths, consultancy activities, placement opportunities, laboratory facilities and student-development initiatives.

The detailed orientation on future technologies, industry-oriented curriculum, project-based learning, professional activities and placement support is intended to help lateral-entry students make effective use of the academic and professional opportunities available during their engineering journey. The Department of Electrical Engineering welcomes the lateral-entry students and encourages them to actively participate in academic, technical, industry-interaction and co-curricular activities.

SDG Mapping: The programme contributes to SDG 4 – Quality Education by promoting inclusive, equitable and quality engineering education and supporting students in developing relevant technical and professional skills. It also supports SDG 8 – Decent Work and Economic Growth by creating awareness about industry-oriented learning, employability, career opportunities and professional development. Additionally, the focus on future technologies and innovation aligns with SDG 9 – Industry, Innovation and Infrastructure by encouraging students to develop technological knowledge, innovation capabilities and industry-relevant competencies.



17. Event Summary

Programme	Induction Programme for Lateral Entry Students
Academic Year	2026–27
Department	Electrical Engineering Department (EED)
Institute	School of Engineering and Technology (SOET), Sandip University, Nashik
Target Group	Lateral Entry Students
Major Focus	Departmental orientation, academics, faculty, curriculum, USP, consultancy, placement, facilities and student activities
Nature of Activity	Student Induction / Departmental Orientation

Regards,
Mr. Harshal Chaughule
Electrical Engineering Department
SOET, Sandip University, Nashik

Chaughule

Event coordinator

