Ajeenkya DY Patil School of Engineering, Lohegaon, Pune.

Internal Quality Assurance Cell (IQAC)

Annual Report
2024-25

INDEX

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Engineering, Lohegaon, Pune

Vision

Empowerment through quality technical education

Mission

M1: To achieve excellence in teaching, learning and research

M2: To impart skill-based education to meet the needs of industry and Society

M3: To excel as a center of excellence in technical education

M4: To inculcate social & ethical values among the students

Quality Policy

We strive to impart the quality technical education through academic excellence and provide best of facilities to satisfy the need & expectations of the students & stakeholders.

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1. IQAC- Vision:

To ensure quality culture as the prime concern for the Higher Education Institutions through institutionalizing and internalizing all the initiatives taken with internal and external support.

2. Aims & Objectives of IQAC:

The primary aim of IQAC is:

- To develop a system for conscious, consistent, and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

3. IQAC Composition

Sr. No.	Name	Designation
1	Dr. Farook Sayyad, Principal	Chairperson
2	Dr. Kamaljeet Kaur Siddhu, Director - Technical Campus	Management Representative
3	Mr. Gorakhnath Deshmukh, Registrar	Senior Administrative Officers
4	Dr. S. M. Khairnar, HoD [Engg. Science] & Dean R&D	
5	Dr. Pankaj Agarkar, HoD [Computer Engg.]	
6	Dr. Saniya Ansari, HoD [E&TC Engg.] & Dean Innovation Ecosystem	
7	Dr. Rahul Bachute, HoD [Automobile Engg.]	
8	Prof. Rohit Garad, HoD [Mechanical Engg.]	
9	Prof. Sanjay M. Karodpati, HoD [Civil Engg.]	
10	Prof. Bhagyashree Dhakulkar, HoD [AI&DS Dept.] & Dean Alumni	
11	Ms. Shweta Sharma, Dean Training & Placement	
12	Prof. Prashant Karajagi, College Examination Officer	
13	Mr. Santosh Koditkar. Librarian	
14	Dr. Niranjan Shegokar, Dean Academics & NEP 2020 Coordinator	Teacher Representative

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| 15	Dr. Sanjay Koli, Dean Consultancy	
16	Dr. Dileep More, Dean Students Development	
17	Dr. Shreepad Sarange, Dean Faculty Development	
18	Prof. Minal Toley, Faculty Computer Engg.	
19	Mr. Ganesh Khandve, Lohegaon	Nominee (Local Society)
20	Ms. Mansi Hariram Gittee, E&TC Department	Nominee (Student)
21	Mr. Shanil Kariya	Nominee (Alumni)
22	Mr. Kushal Sharama, Director-Prushal Technologies Pvt Ltd	Nominee (Industrialist)
23	Mr. Nirajan Kale, Veritas, Pune	Nominee (Employer)
24	Mr. Ritesh Sachdev, Pune	Nominee (Parent)
25	Prof. Zoya Khan, Faculty, First Year Engineering	Assistant to IQAC
26	Mr. Riyaj Kazi, Senior Faculty, E&TC Engineering	Coordinator (IQAC)

IQAC Working Model

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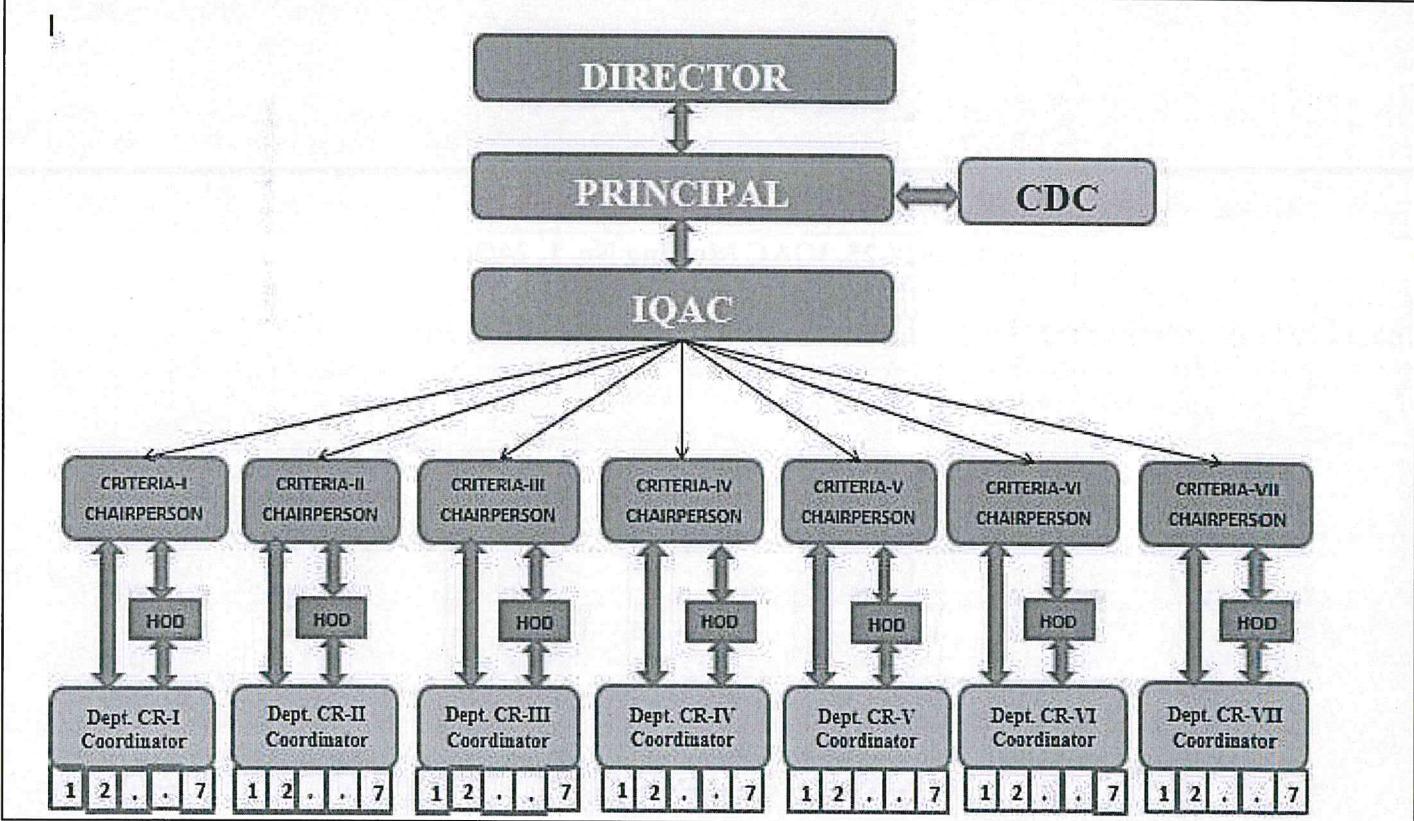
4. IQAC Highlights – 2024-25:

Regular IQAC Meetings:

Involvement of "all stakeholders" in every IQAC Meeting for suggestions/feedback & taking necessary actions for "Continuous Improvement" for measurable outcomes & attainment of the Institute's Vision & Mission.

Pune, Maharashtra, India
Dr Dy Patil Technical Campus, 136, Chincholi Gaon, Charholi Budruk, Pune, Maharashtra 412105, India
Lat 18.621477°
Long 73.912218°
24/06/24 12:09 PM GMT +05:30

A.Y. 2024-25, IQAC Meeting No. 1, 24/06/2024

Pune, Maharashtra, India
Concord Pushpak, Concord Pushpak, Survey No.283,, Kand Nagar, Kutwal Colony, Lohegaon, Pune, Maharashtra 411047, India, Pune, Maharashtra , India
Lat 18.602148° Long 73.910481°
23/01/2025 02:12 PM GMT +05:30

A.Y. 2024-25: IQAC Meeting No.2, 23/01/2025

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A.Y. 2024-25: IQAC Meeting No.3, 11/03/2025

A.Y. 2024-25: IQAC Meeting No. 4, 23/05/2025

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Student Centric Outcome Based Planning

	Performance Parameters	Expected outcome
Outcome Based Planning for Learners for "Overall Development" as per their interests with benchmarks & its attainments	Learners Academic Performance	100% Students should get First Class
	Best Academic Performance	75% Students should get First Class with distinction including *University Toppers*
	On Campus and Off Campus Placement	85% of eligible students should get placed through campus in a reputed organization with good package.
	Entrepreneurs	5% Alumni should create Jobs
	Competitive Examinations	7% Students should join the *Engineering Services, Public Sector Services, Civil Services*
	27 Students Clubs, NCC,NSS, Arts, Sports, Cultural etc	3% Students should find the field of their interest and contribute to society.

Staff Centric Outcome Based Planning

Outcome Based Planning for Staffs for their "Professional Development" as per their interests & need with benchmarks & its attainments

- Financial & Infrastructural Support to teachers for Research, Innovations, Publications, Patents & Consultancy etc.
- Financial assistance to attend Conferences ,Workshops & Membership fees of Professional bodies.

- Successful implementation of Staff Welfare Scheme.
- HR Policy & its implementation
- Appraisal System for Staff.

- Regular Professional Development & Training Programs for faculties & non-teaching staffs.
- Toastmaster Club for all staff.

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5. Quality Initiatives by IQAC – 2024-25

The prime task of the IQAC is to develop a system for conscious, consistent, and catalytic improvement in the overall performance of the Institute. The work of the IQAC is the first step towards internalization and institutionalization of quality enhancement initiatives.

1) NEP Awareness, Orientation, and Sensitization
2) Drafted 3 Policies, Revised 2 SoPs, and 1 Process Manuals
3) Academic Calendar 2024-25
4) AQAR Activity Calendar 2024-25
5) IQAC Plan of action 2024-25
6) NBA Action Plan: Strengthening the process
7) Regular Review Meetings

6. Teaching-Learning Reviews

- Adherence to the Institute Academic Calendar is in line with the University Academic Calendar.
- Adherence to Department Academic Calendar 2024-24.
- Adherence to the Institute's Teaching-Learning Policy.
- Regular meetings of the academic monitoring committee to review the progress with corrective actions.
- Use of ICT tools in teaching-learning to improve the learning experience.
- Daily Monitoring of academic sessions & mentoring system.
- Monthly Academic Progress Report & Planning for syllabus coverage.
- Extra/Remedial classes were conducted to improve the result.
- Unit Tests/Assignments and Continuous Internal Assessment (CIE).
- Students' Centric Methods such as Experiential Learning, Participative Learning, and problem-solving methodologies used through the best practices I & II.
- In semester & and semester Examination Result analysis and corrective actions.
- 319 students enrolled in Certificate/Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL
- Final years UG & PG students passed the University examination on the first attempt during the A.Y. 2024-25
- CO-PO-PSO Mapping and attainments.
- Feedback Mechanism with corrective actions for improvement in student-centric curriculum delivery & its transactions.

7. Outcome attainment under OBE:

- Mapping & Attainment of CO-PO-PSO
- Course Exit Survey,
- Program Exit Survey.
- Received OBE Ranking 2025 with A+ Grade
- Progressive increment in employability during the AY 2024-25.
- Technology & AI education Ranking 2025.

CERTIFICATE
OF RECOGNITION

CHRONICLES
OF INDIA
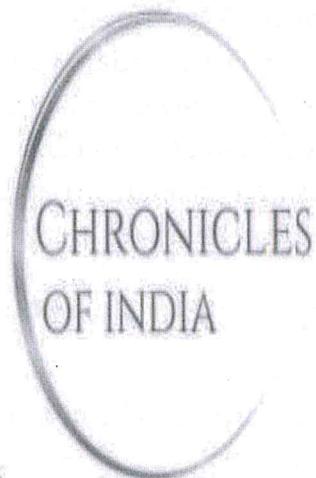
Awarded this certificate in recognition for commitment to excellence in advancing technology and Artificial Intelligence education, fostering innovation and future-ready competencies. Ranked in Category A2, as **Institution of Transformative Learning**

Ajeenkya DY Patil School of Engineering

for ethical contributions in research, technology, teaching-learning pedagogy, and entrepreneurship that drive societal progress.

This Certificate is issued on: 21 Feb'25

Technology & AI Education
Rankings 2025

25TECH-AI-A2-43

Certificate ID

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8. Faculty Development Programs:

1) Faculty Induction Program
2) Health & Hygiene Training Program
3) FDP on TechHorizon
4) FDP on Patent & Copyrights
5) FDP_Creative Rights A Guide to Copyright Filing
6) NBA Accreditation & Curriculum FDP
7) Seminar on Outcome-based Education

9. Supporting Staff Development Programs:

1) Training on AT Tools like ChatGPT
2) Use of Google Form for Non-Teaching Staff

10. Student Enrichment Programs:

Following skill enhancement/capacity building programs were organized for students.	
Sr. No.	**Name of Technical Event**
1	Guest lecture on Human Values
2	Guest lecture on Health & Happiness
3	Guest lecture on Life Skills & Stress Management
4	Guest lecture on Communication Skills & Language Proficiency
5	Life skill workshop: "Yoga: Meditation for stress-free living"
6	Guest lecture on Soft Skills
7	Workshop on Python and mobile workforce management software
8	Guest Lecture on ICT Tool
9	Workshop on Software Engineering
10	Alumni session on the importance of soft skills
11	Add on Program on Power-BI
12	Guest lecture on Soft Skills & placement Talk
13	Seminar on Human Behaviour
14	Guest lecture on 3D Metrology & Reverse Engineering
15	Webinar on Business Development
16	Pre-placement Preparation by Alumni Student
17	Expert Lecture on Computer Network and Security
18	Seminar on German Language
19	Workshop on Information Security
20	Workshop on High-Performance Computing
21	Guest Lecture on Computer Graphics
22	Expert Lecture on System Programming and Operating System For TE Students
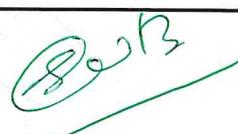
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1] NAAC: Grade "A"

2] Smart India Hackathon: 84 Teams of ADYPSOE has participated in Smart India Hackathon 2024, 4 teams successfully qualified for the national-level event and participated in the final rounds. 4 students got paid internship offers in the area of cyber security at IIT Jammu.

3] Bootcamp: 12 Girl students from AI&DS department are selected for a Bootcamp at IIT Bombay.

4] Startup registered: 03.

 1. Veino Technologies Pvt. Ltd.2.Aarohan Healthtech LLP: Mr. Durgesh Chaudhari, Mr. Pratik Khandve, Mr. Yash Bambale, Miss. Sakshi Ghorpade, Miss. Sayalee Mundhe 3. Robotcrafter LLP: In process. Team Lead- Dr. Saniya Ansari.

5] Patents: 41 Patents Filed/Granted, Total 88.

6] Product Development: 03

7] International Conferences Organized: 08

8] Research Publications: 261 including Scopus/WoS

9] Funded Project: 18.91 L- SPRING (Dr. Saniya Ansari), 1.5L Grant- BCUD (Prof. Amol Gaikwad)

10] Consultancy: 29 L rupees revenue generated through consultancy.

11] Books & Chapters Published: 09

12] Copyrights: 38

13] Sports: ADYPSOE Cricket Team won the Shri Chhatrapati Shivaji Maharaj Trophy

14] Placements: 84.39% Students placed in reputed organizations

15] R World Institutional Ranking: ADYPSOE has received a certificate of excellence in the Diamond category for sustainable Institution of India and Institution of Prominence for the Outcome-Based Education.

16) Technology & AI Education Ranking 2025.

17) AI & DS department students selected in Eureka 2025 - Asia's Largest Business Model Competition, IIT Bombay & Google Campus Ambassador.

18) MoUs: 27

19) Copyrights: 10

20) Awards: 5
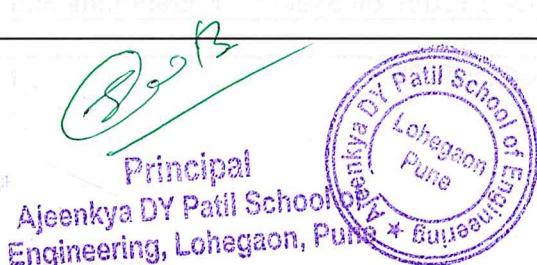
11. Accreditation Initiatives :

NBA
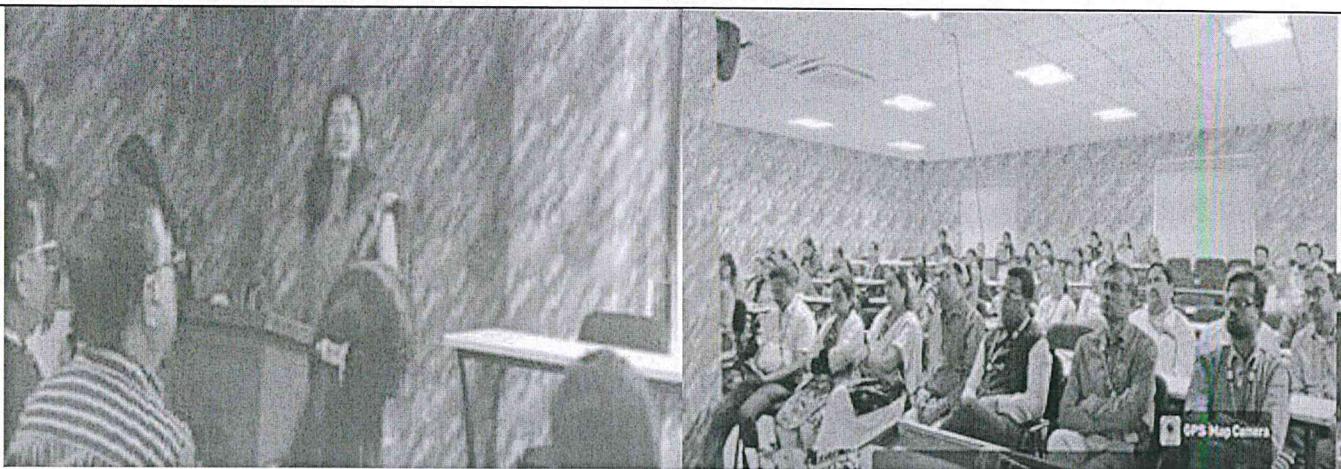
NAAC- Role of IQAC in Internalization of Quality Culture & Accreditation Process by IQAC Coordinator ,Prof. Riyaj Kazi

Seminar on Outcome based Education: Dr. Pallavi Kharat & Prof. Ankita Tidke

MoU signing and expert session on Margadarshan scheme at RSCOE as Mentee Institute Principal, Dr. Rakesh Kumar Jain (RSCOE) and Principal, Dr. F. B. Sayyad (ADYPSOE)
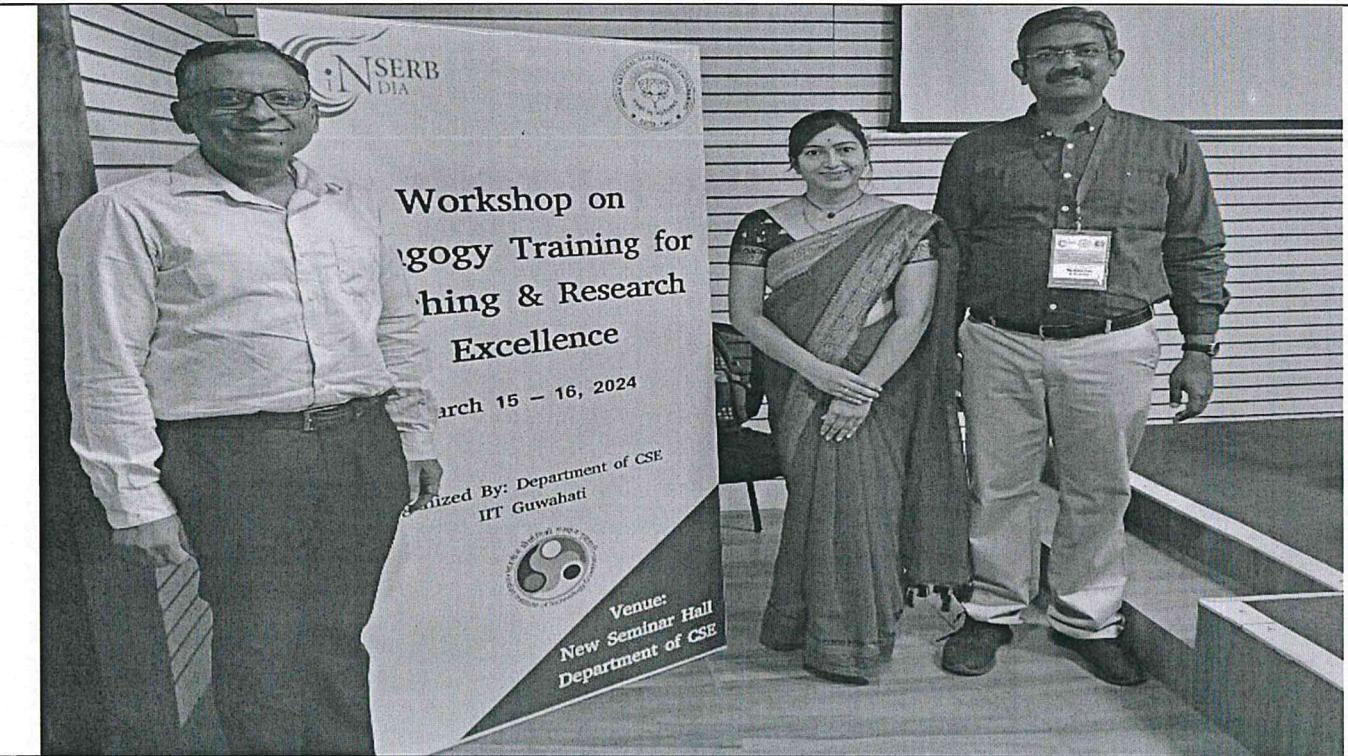
Prof. Ankita Tidke – NBA Coordinator attended a workshop on Pedagogy Training for Teaching and Research Excellence at IIT Guwahati

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## 12. The outcomes of IQAC during A.Y. 2024-25

[A] Academics:

- 84 % of Students passed in the first attempt including First Class & Distinction in UG & PG

University Toppers: Department of Engineering Science

Atharva Deepak Sakpal **SGPA: 10**	**Ingle Kartik Mohan** **SGPA: 10**	**Khushi Gaikwad** **SGPA: 10**
Bile Sakshi Lalit **9.95**	**Sonawane Didhiti Prashant** **9.95**	**Sonawane Tanvi Sachin** **9.95**

University Toppers: Department of Artificial Intelligence & Data Science

Vridhi Sachdev Rank 3 (CGPA- 9.95) May 2021	**Gaikwad Suhani Ramesh** Rank 6 (CGPA- 9.89) May 2021	**Utkarsha Umesh Dhane** Rank 8 (CGPA- 9.84) May 2021

University Toppers: Department of Civil Engineering
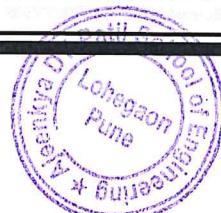
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- AI&DS Department students participated in ISRO Immersion Challenge at IIT Hyderabad & Secured runner-up position

B] R&D:

- Received a grant of 1.5 L to the Mechanical Department, SPPU (BCUD) ASPIRE Scheme
- Organized Six International Conferences and Published 966 Papers in conference proceedings.
- Published 77 Papers UGC/SCOPUS/WOS/peer-reviewed Journals.
- Published 11 Books with ISBN
- Received a Simio Academic Grant in the form of Licenses for Institutional Machines with number 185 having an approximate cost of 3.55 crore for these Licences.
-37 Patent

[C] Training & Placement:

- **349 students (79%)** of the final-year students were placed in companies.

Name of Top 3 Recruiters
1. JTP
2. Gulf Asia
3. Trancelink

1	Rushikesh Babasaheb Patil	Computer	SOE	JTP	25 LPA
2	Shubham Pawar	Civil	SOE	Gulf Asia	18 LPA
3	Aymaan Nasir Khan	Computer	SOE	Trancelink	12LPA

[D] Consultancy:
- **164** projects were undertaken and **29,06,632/-** revenue was generated.

[E] Innovation Ecosystem:
- 37 Patents Published
- 35 Copyrights
- One Start-up entitled 'Eco-Crete' for recycling used paper cups into paving blocks and Eco pots
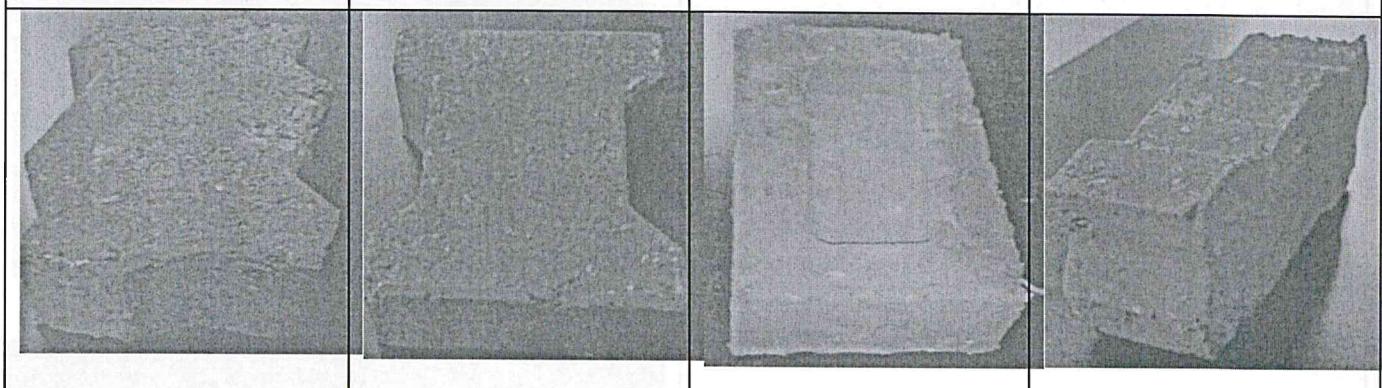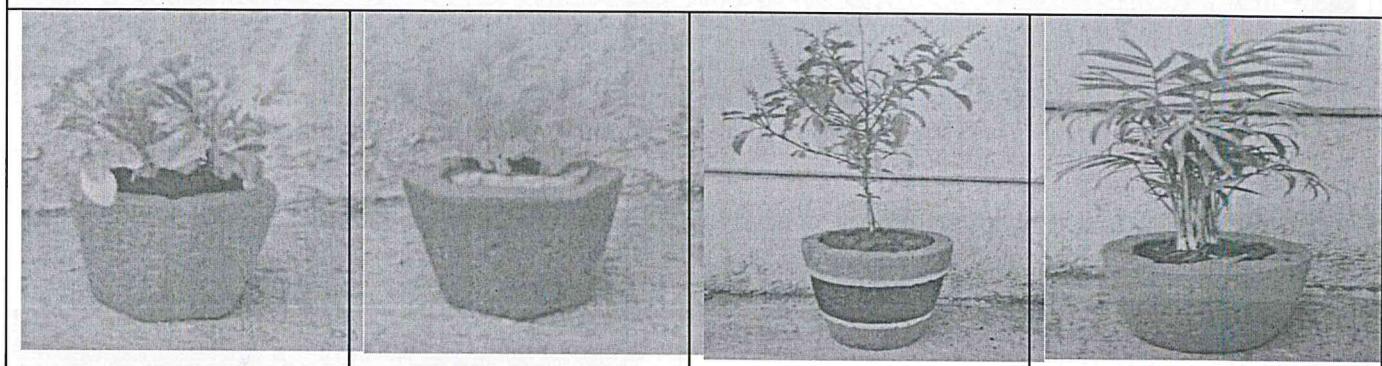
[F] Faculty Development:
- **12** Faculty Development Programs organized by the Institute.
- Faculty Induction Program

[G] Supporting Staff Development:
- **02** Staff Development Programs organized by the Institute.

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[I] Alumni:

Pune, Maharashtra, India
Ajeenkya D Y Patil School of Engineering, Charholi,
Lohegaon, Pune, Maharashtra 412105, India
Lat 18.459572°
Long 73.924949°
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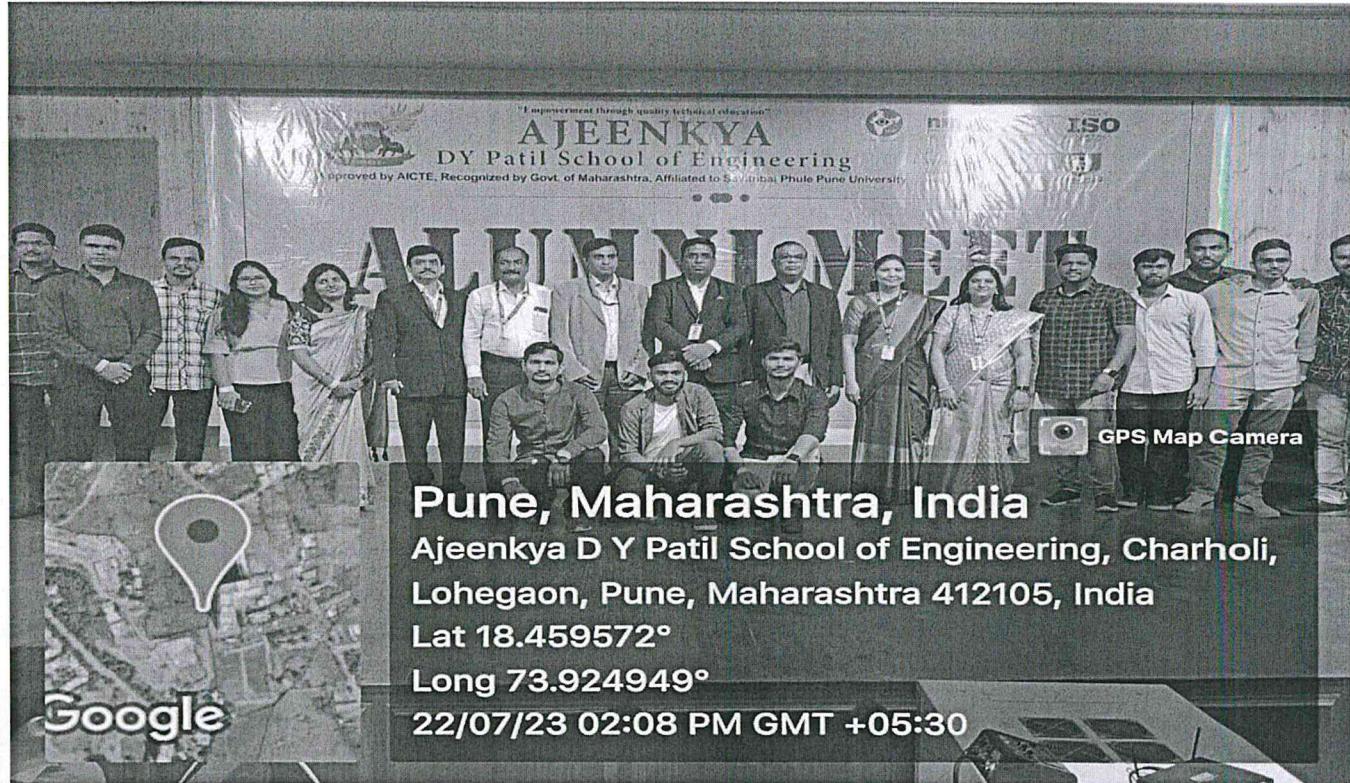
- Alumni have contributed during the year in terms of Expert Lecture/Webinar

[J] NCC:

- Three students got best cadet award in army attachment camp.

Ms. Mansi H. Gitte Best Cadet Certificate in Army Attachment Camp	
Aniket Vilas Nemade Awarded Commandant's Bronze Medal for standing in Merit (Army) at OTA, Kamptee	

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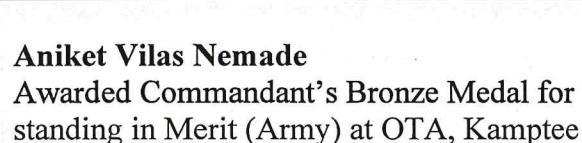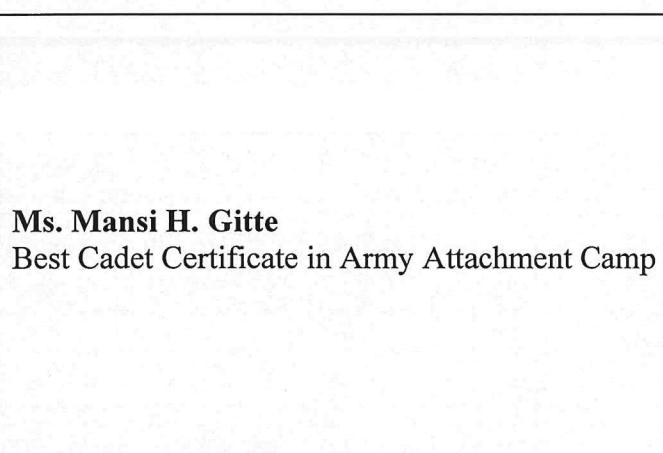
Aniket Vilas Nemade Awarded memento by Savitribai Phule Pune University (SPPU) based on performance in National Level at OTA, Kamptee.	
Anushka Ambre, Most Spirited Cadet Certificate in Army Attachment Camp	**Bhagwat Koli,** First prize in Quiz competition organized by Bharat Vikas Parishad during Advance Leadership Camp - VI

[J] NEP 2020:
- The institute has organized **5** NEP 2020 awareness programs.
- Digi locker accounts for Academic Bank of Credits (ABC) were created for the new admitted
  students.

Awareness of NEP 2020 to Parents: Discussion with Parents about NEP 2020 at respective departments, ADYPSOE , Lohegaon, Pune.	
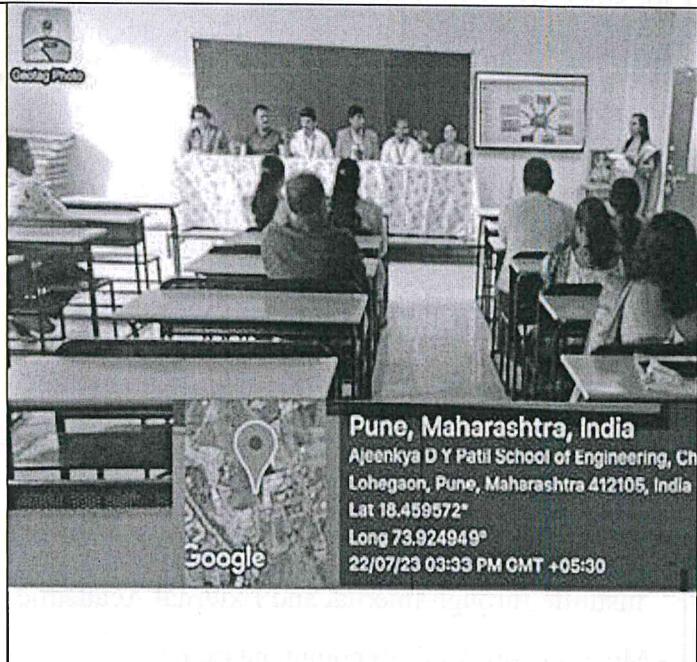
Poster Presentation about Awareness of NEP 2020: Poster presentation on NEP 2020 for students by AI&DS department	
Poster Presentation about Awareness of NEP 2020: , Poster presentation on NEP 2020 for students by Computer department	

[K] MoUs:

- 26 MoUs & Collaborations, all MoUs are active and functional

[L] Policies & SoPs:

- Drafted & revised two policies & two process manuals.
- Academic & Administrative processes are adhered to existing Policies/SoPs/Process Manuals

[M] Audits:

- Implemented a standard strategy of course correction for quality enhancement in the

  institute through Internal and External Academic, Administrative, and Financial Audits.

- Meetings on Audit Recommendations

- Audit Compliances

- Action Taken Reports
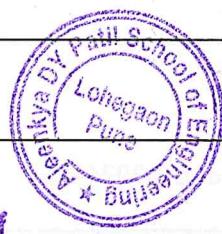
[N] Best Practices:

- Effectively Implemented the Revised Best Practices in line with NEP 2020.
- Best Practice-I: Competency Based Education and Assessment
- Best Practice-II: Bridging the Gap between Education and Employment through Industry Connect
- Conducted Survey on Implementation of Best Practices
- Analysis of survey, Meeting on Students feedback on Best practices and Action Taken Reports

[O] Stakeholders Feedback/Survey:

- Feedback Taken, Analyzed, Action Taken Report Prepared and uploaded on website. -
Feedback on Academic Performance
- Feedback on Institute Ambience
- Stakeholder Feedback (Students, Teachers, Alumni, Employer, Parents)
- Feedback on Student Satisfaction Survey
- Post Placement Feedback
- Feedback on Students Development
- 360° Feedback on Employees
- Feedback on Best Practices,
- Course and Programme Survey

[P] Achievements:

- 135th Rank in India- India Today's Ranking in the Best Private Engineering Institution 2024.
- OBE Ranking 2024– A++ Grade at National level.
- Started Ph.D Research Center in Civil Engineering Department.
- Received a Simio Academic Grant in the form of Licenses for Institutional Machines with number 185 having approximate cost of 3 crore for these Licenses.

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Pune, Maharashtra, India
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External Academic & Administrative Audits 2024-25
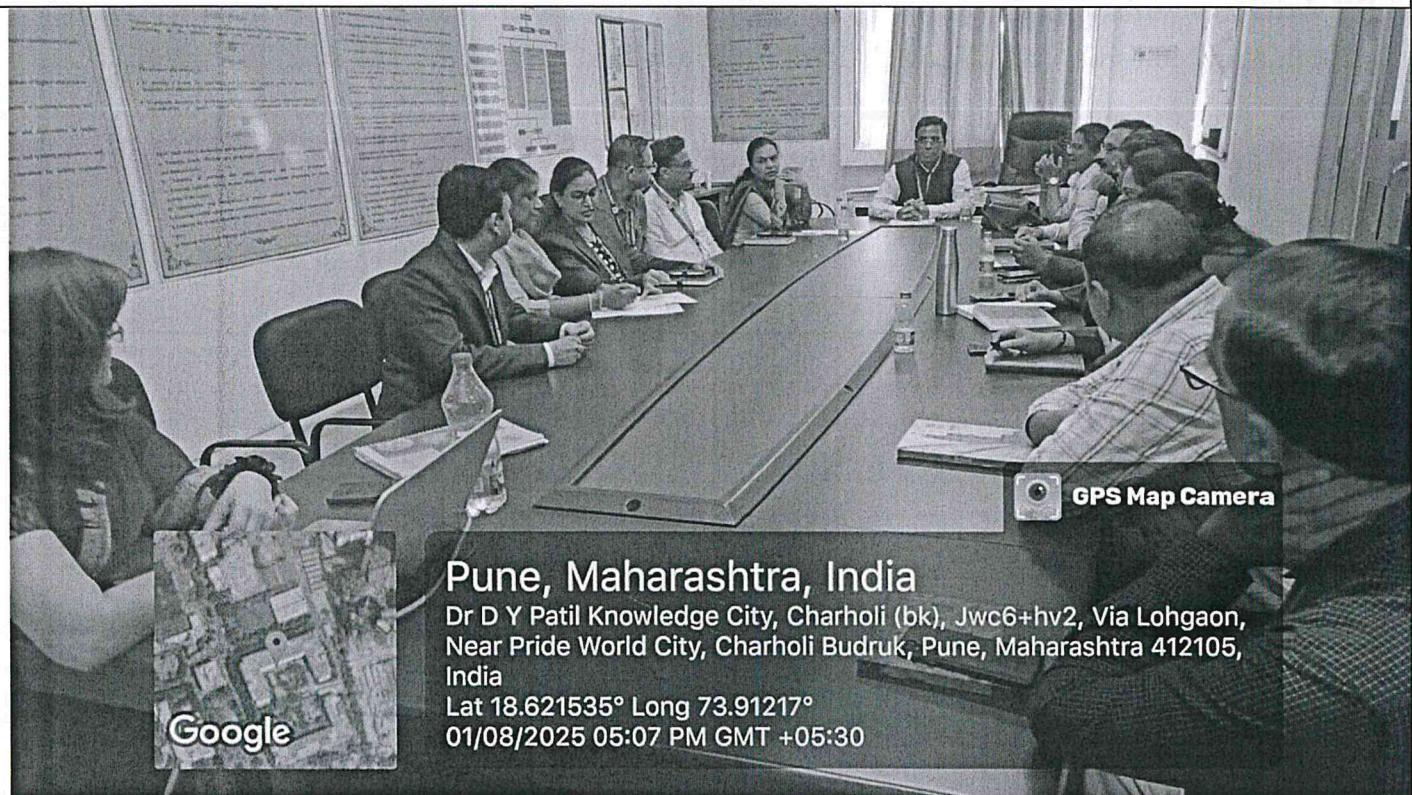
Pune, Maharashtra, India
Dr D Y Patil Knowledge City, Charholi (bk), Jwc6+hv2, Via Lohgaon, Near Pride World City, Charholi Budruk, Pune, Maharashtra 412105, India
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Feedback Mechanism

1. Feedback on Curriculum & ATR
2. Feedback on Academic Performance & ATR
3. Feedback on Institute Ambience & ATR
4. Feedback on Students Satisfaction Survey & ATR
5. Feedback on Students development & ATR
6. Feedback on Best Practices & ATR
7. 360 ° Feedback & ATR

Feedback received by IQAC indicates that the institute is majorly satisfying all stakeholders' needs and expectations. IQAC has initiated actions to improve it further.

OBE Ranking

OBE RANKINGS 2024
OUTCOME-BASED EDUCATION

Certificate of Excellence

IN PURSUIT OF EXCELLENCE TOWARDS OFFERING OUTCOME-BASED EDUCATION,
THIS CERTIFICATE IS PRESENTED TO

Ajeenkya DY Patil School of Engineering, Pune

Ranked in the
Diamond Band : Institution of Prominence

R
World Institutional
RANKING ■ ■ ■

Executive President

OBE Ranking: Diamond Band: Institution of Prominence

13. NEP 2020 Orientation & Sensitization

Special Orientation and Sensitization Programme — Indian Knowledge System, Research & Development, Holistic and Multidisciplinary Education, Higher Education and Society, Academic Leadership, Governance, and Management, Information and Communication Technology, Student Diversity & Inclusive Education, Skill Development
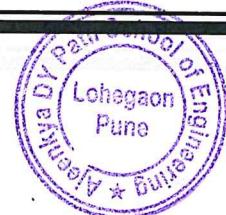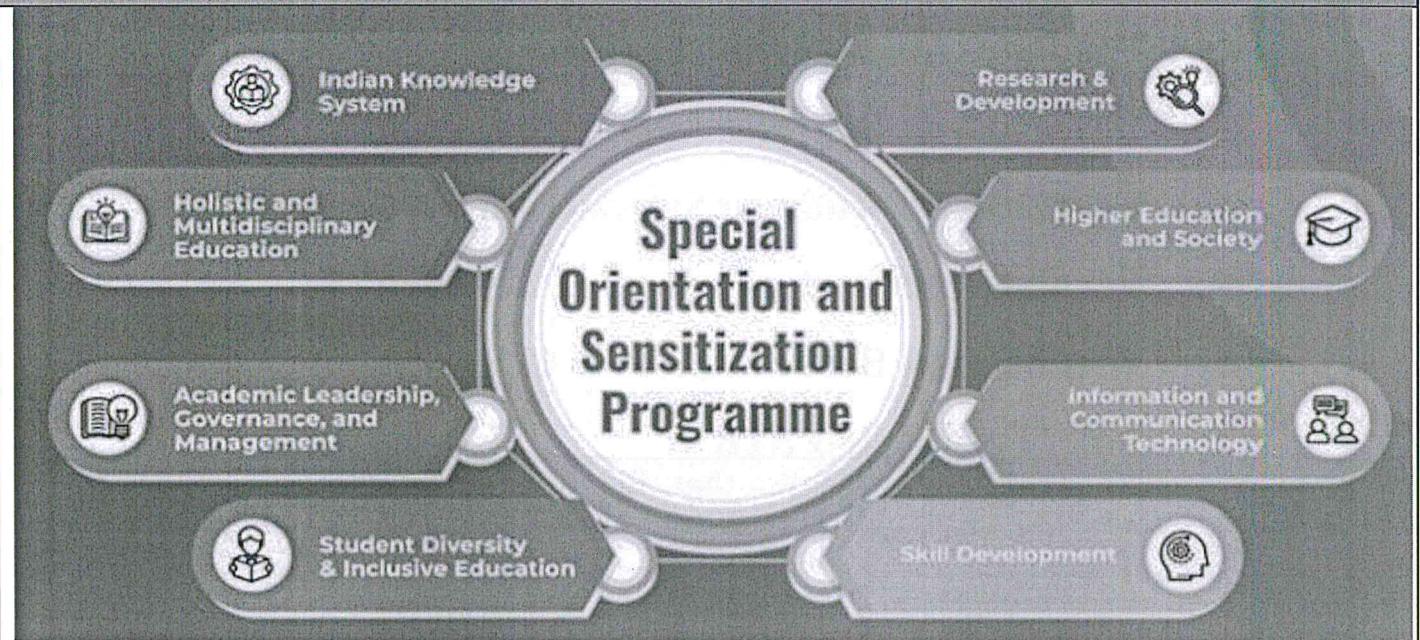
1] Multidisciplinary/Interdisciplinary:

Dr. D.Y. Patil School of Engineering (DYPSOE) is affiliated to Savitribai Phule Pune University (SPPU). Institute has been moving toward interdisciplinary and multidisciplinary courses in preparation of NEP 2020. The institute follows to the SPPU's credit-based curriculum. The SPPU curriculum cover a variety of multi/interdisciplinary aspects. Audit courses are available in every discipline on topics including road safety, ethics and environmental sustainability etc.

Institute took a special effort to encourage both faculty and students to conduct multi/interdisciplinary research. With the use of project- or problem-based learning (PBL), institute encourages students to discover problems that call for an interdisciplinary or multidisciplinary response.

Institute encourages students to undertake sponsored projects in their final year that focus on real-world problems and take an interdisciplinary or multidisciplinary approach to finding a solution. Additionally, institute encourages students from other departments to create multidisciplinary projects in the form of robotics and IOT based models, solar vehicle models, and hybrid vehicle models so that they can compete in national and international challenges.

As part of active involvement in various student club activities, students gain knowledge of interdisciplinary concepts and use that knowledge to in developing interdisciplinary projects. Students compete in project competitions at the national and international levels, such as the Smart India Hackathon. In their third year of undergraduate study, students do industrial internships. While on the field, the interns receive automatic multi/interdisciplinary training.

To help students develop humanistic, ethical, social, constitutional, intellectual, and universal values, value-based interdisciplinary education is offered to them in the form of webinars, seminars, yoga classes, induction programmes, and expert lectures.

Through NSS and NCC, many activities are carried out to promote human values like as Honesty, Ethical behavior, Nonviolence, Unity, and peace. These events include Independence Day and Republic Day festivities, blood donation camps, NSS camps, and social service programmes.

Upon receiving the status of an autonomous institute, Institute will undoubtedly design multidisciplinary courses that allow for multiple entry points and exits. Institute will be glad to join the multidisciplinary HEI cluster.

2. Academic bank of credits (ABC):

Institute complies with the requirements of the affiliated university SPPU in terms of its preparedness for the implementation of the Academic Bank of Credits (ABC). The National Academic Depository, a government initiative to provide an online database for all academic awards under the Digital India Initiative. SPPU is a state university is an official member of the National Academic Depository.

All of SPPU's courses have used the choice-based credit system (CBCS), and in the process of adopting the ABC soon. As per SPPU notification, Institute has created all students' ABC IDs and a centralized database of the college students. Through this database, the academic credits that the student has earned across a variety of courses will be digitally saved so that the credit can be carried over when the student re-enters the programme in future.

3. Skill development:

Graduate attributes are defined by the AICTE as knowledge, skills, attitude, and behavior. Institute always encourage to enhance students' and faculty members' skill.

Institute faculty members are encouraged to register in certification programmes including NPTEL, STTP, FDP, and industrial training. Students are also encouraged to participate in online and offline certification courses to upgrade their knowledge and abilities. Institute has Staff welfare policy to encourage staff participation in skill development.

The institute features a well-established training and skill development cell that actively contributes to the students' strengthening of their technical concepts. During the second and third years of engineering, the institute offers technical, fundamental, and aptitude training, research methodology, and technical report writing. In the final year, value-added courses on the most recent technical advancements and prominent engineering specialties are taught by industry experts in the field to help students expand their skill sets in line with industry demands. These value-added programmes go beyond what SPPU's curriculum covers and are offered in response to student interest. To offer these advanced training programmes that are skill-based, institute has signed MOUs with various industry and institutions

like KPIT and IIT Kanpur. Institute also offered various Microsoft and Google certification courses in collaboration with the DigitalParv Social Venture Association.

As a step towards competence-based learning that aids students in the development of their fundamental competencies. Students from all departments can engage in the skill development programmes that each department runs and receive the training that most interests them.

Students who wish to create new goods, services, and procedures as well as those who want to launch their own businesses can receive effective mentoring from the Centre for Innovation, Incubation, and Entrepreneurship (CIIE). The aim of CIIE is to emerge as a Centre of Excellence in the field of Entrepreneurship Promotion to train and motivate students to transform their late ideas into viable enterprises.

4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):

The institute's curriculum is designed to be taught in English, and students must take their SPPU exams in that language, although the faculty members conduct need based sessions in local languages for students who are from the ruler area.

In order to ensure difficult concept understandable, the teachers occasionally use local languages like Marathi or Hindi. Institute encourage all our students to attend online NPTEL course available on SWAYAM portal in regional languages as per their interest along with one faculty member as a mentor. When mentoring the students' group in mentor-mentee sessions or responding to academic or personal questions raised by students, regional languages are purposefully used. This promotes a comfortable, at-home atmosphere and encourages more in-depth communication.

Every day, academic sessions in institute begin with National Anthem. Various programs are organised through the student's club to inculcate Indian culture among the students.

NSS Cell celebrates Independence Day and Republic Day, birth and death anniversaries of all the Freedom Fighters and Social Workers. The institute celebrates Ganesh Ustav, ShivJayanti, Dr. Babasaheb Ambedkar Jayanti etc at large scale throughout the year.

In Youth Festival organized at SPPU at University level our students are actively participating in various cultural events and received prizes and colour coats in many events at university level.

An entire segment of the annual cultural event ETERNITY is devoted to Indian Classical Music. It highlights students' and staff members' instrument-playing abilities as well as their classical and semi-classical singing, Bharatnatyam, Kathak, and regional and folk dances etc.

5. Focus on Outcome based education (OBE):

Institute is affiliated to Savitribai Phule Pune University; hence the syllabus - curriculum is prepared by the University and institute follows it strictly. All the courses mentioned under curriculum of a particular department have course objectives and course outcomes (COs) as well as Program Outcomes (POs) as per the norms and guidelines of statutory regulatory bodies and the same is discussed with the students by the faculty. Institute has defined Program Specific Outcomes (PSO) and Program Education Objectives (PEO). The POs, PSOs and PEOs are satisfied through the teaching-learning process and the additional programs conducted at the Institute and department level.

Through the institute website, student/faculty notice boards, laboratory notice boards, posters in corridors and administrative areas, project workbooks, course files, and other means, these POs and PSOs are disseminated to teachers, students, and various stakeholders.

To fill in the gaps in the curriculum, various activities are organised and carried out at department level. The attainment of POs and PSOs is examined throughout the semester using a variety of assessment tools, such as unit tests, assignments, quizzes, etc. All courses conducted have well defined Course Outcomes (CO) by SPPU and which is mapped to POs and PSOs. Institute has developed separate CO-PO-PSO Mapping & Attainment Process Manual which is innovative and simple to use and also institute has obtained copyright from copyright office Government of India for this manual.

At the end of the semester, all departments map the course outcomes using POs and PEOs in order to improve the teaching-learning process the next semester. Thus, the Institute follows a well-defined OBE system.

6. Distance education/online education:

The Institute has classroom teaching in offline mode before pandemic. During pandemic, institute has adopted the change from offline classroom teaching to blended learning. The institution is prepared, especially during pandemic situations and teaching learning process through different online modes. In pandemic Learning management system (LMS), Google Classroom, Microsoft Teams are effectively used for course conduction and evaluation process. All course contents are available on Microsoft Teams including academic calendar, syllabus, PPTs and notes. The assessments of the courses are done through online assignments, quizzes. The MCQ tests are conducted using LMS Moodle platform. Online sessions are conducted and recorded on Microsoft Teams. Various student activities are conducted online using Microsoft Teams and Goggle meet.

Principal
Ajeenkya DY Patil School of
Engineering, Lohegaon, Pune
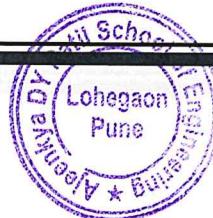
NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)

37 Faculty attended NEP 2020 Orientation and Sensitization program AY 2024-25

14. Plan of action for next academic year (2025-26)

The institute plan of action for the next academic year 2024-25 includes the following:

1. Implementation of NEP 2020: First Year (Engineering Science)

2. Compliances regarding NAAC-Cycle 2 & Various Audits.

3. Preparation for NBA & Autonomy.

4. To strengthen the liaison among the stakeholders like students, teachers, parents, and employers.

5. To strengthen alumni relationships and engagement.

6. To strengthen industry linkages and collaboration.

7. To initiate 4N's action plan for NEP, NAAC, NIRF, and NBA

8. To develop an appraisal system to appreciate students, teaching, and non-teaching staff.

9. Outcome-based focus on entrepreneurship development from the first year of engineering.

10. To develop the research culture among the students and teaching staff.

11. To submit major research proposals to various funding agencies for fetching research grants.

12. To conduct more seminars, conferences, and workshops on recent trends of National and International importance.

13. To encourage student representation & participation in various committees.

14. To ensure more than 85% placement of eligible students in reputed organizations with good packages.

15. To increase participation and conduct more extension activities.

16. To arrange outcome-based staff development programs for teaching and non-teaching staff.

17. To strengthen eco-friendly practices and conduct regular audits.

18. To strengthen the institutional best practices & distinctiveness.

19. To strengthen activities under the innovation ecosystem, Patents, Copyright and a Start-up.

20. To create awareness & increase the consultancy projects.

21. To understand the institute's challenges & opportunities in view of accreditation, NEP 2020 & prepare a roadmap & initiate actions to remain competent considering the new reforms in the global educational ecosystem.

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