

Ajeenkya DY Patil School of Engineering, Lohegaon, Pune.



# **IQAC**

# **Annual Report**

## **2023-24**

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## *Vision*

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Empowerment through quality technical education

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## *Mission*

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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

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## *Quality Policy*

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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.

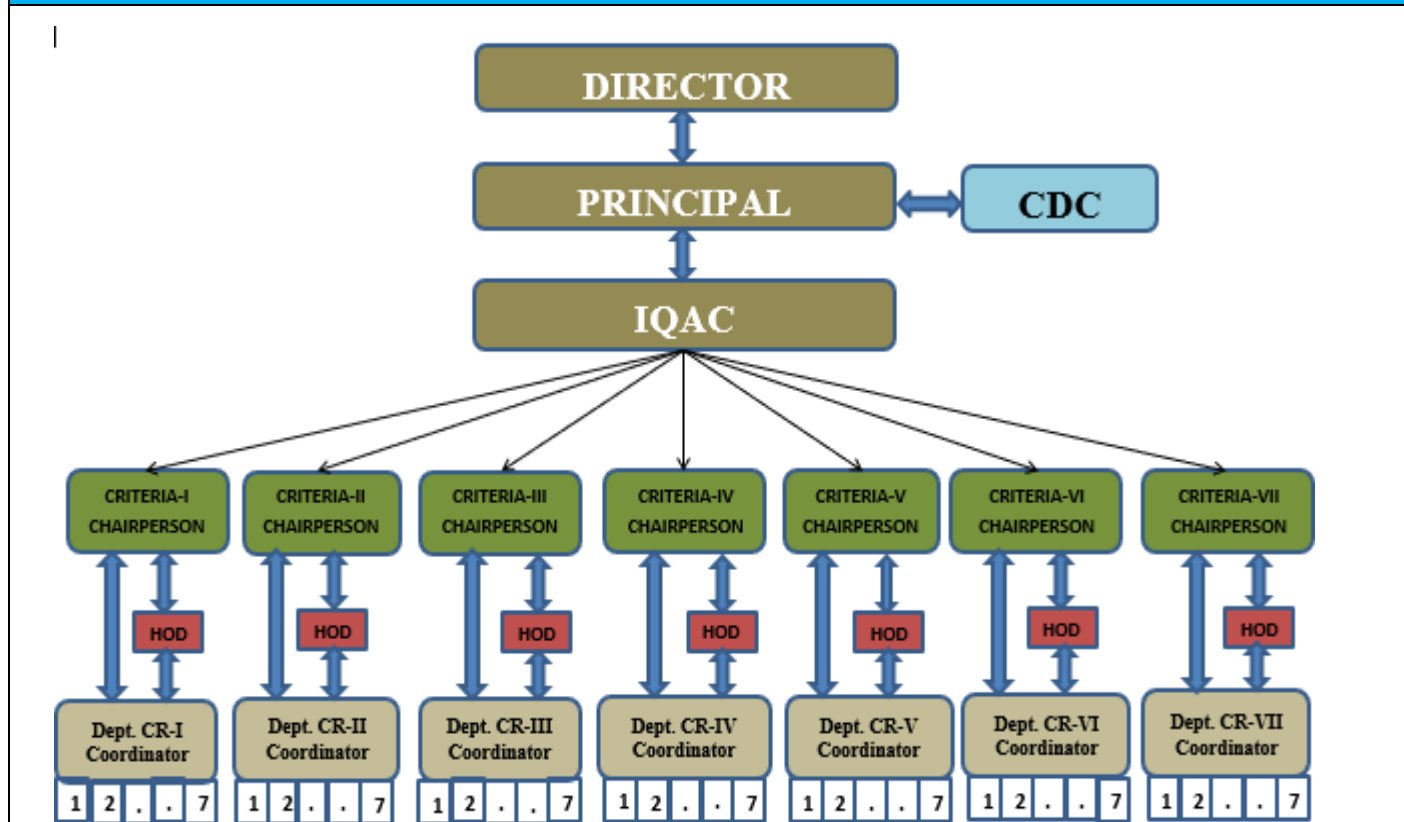
## 3. IQAC Composition

### 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. Khairmar, 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 Ankush. Librarian	
14	Dr. Niranjan Shegokar, Dean Academics & NEP 2020 Coordinator	Teacher Representative

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. Nilesh Pinjarkar, Faculty, Computer Engineering	Assistant to IQAC
26	Mr. Riyaj Kazi, Senior Faculty, E&TC Engineering	Coordinator (IQAC)

### IQAC Working Model



#### 4. IQAC Highlights – 2023-24:

##### 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.



A.Y. 2023-24, IQAC Meeting No. 1, 07/07/2023



A.Y. 2023-24: IQAC Meeting No.2, 01/11/2023





**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  
 Lat 18.621408°  
 Long 73.912049°  
 08/02/24 11:26 AM GMT +05:30

**A.Y. 2023-24: IQAC Meeting No.3, 08/02/2024**



**Pune, Maharashtra, India**  
 Dr Dy Patil Technical Campus, 136, Chincholi Gaon, Charholi Budruk, Pune, Maharashtra 412105, India  
 Lat 18.621508°  
 Long 73.91226°  
 20/05/24 01:12 PM GMT +05:30

**A.Y. 2023-24: IQAC Meeting No.4 20/05/2024**



## Student Centric Outcome Based Planning

	Performance Parameters	Expected outcome
<p>Outcome Based Planning for Learners for “Overall Development” as per their interests with benchmarks &amp; its attainments</p>	Learners Academic Performance	100% Students should get First Class
	Best Academic Performance	75% Students should get First Class with distinction including <i>University Toppers</i>
	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 <i>Engineering Services, Public Sector Services, Civil Services</i>
	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

<p>Outcome Based Planning for Staffs for their “Professional Development” as per their interests &amp; need with benchmarks &amp; its attainments</p>	<ul style="list-style-type: none"> <li>• Financial &amp; Infrastructural Support to teachers for Research, Innovations, Publications, Patents &amp; Consultancy etc.</li> <li>• Financial assistance to attend Conferences ,Workshops &amp; Membership fees of Professional bodies.</li> <li>• Successful implementation of Staff Welfare Scheme.</li> <li>• HR Policy &amp; its implementation</li> <li>• Appraisal System for Staff.</li> <li>• Regular Professional Development &amp; Training Programs for faculties &amp; non-teaching staffs.</li> <li>• Toastmaster Club for all staff.</li> </ul>
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## Institute Centric Outcome Based Planning

**Outcome Based  
Planning for Institute  
for Overall  
Development &  
Growth in terms of  
“Admissions,  
Academics,  
Administration,  
Accreditations,  
Quality Audits,  
Certifications, and  
Rankings”**

- 1] Academic and Administrative Calendar ( Every Week is Planned)
- 2] Internal Quality Assurance Plan of Actions (Every Month is Planned)
- 3] Annual Quality Assurance Report Activity Calendar (Every Day is Planned)
- 4] 4 N's ( NEP, NAAC, NIRF, NBA) Plan ( New Initiative of A.Y. 2023-24)
- 5] Department Advisory Boards Meetings (Strengthening the domain based academic excellence.)
- 6] Revised Department Academic Calendar (Improved Learner Centric Approach)
- 7] Institute First, Always First Initiative (Weekly Deadlines for Tasks)
- 8] Students First, Always First Initiative ( 8 Categories of students as per their merit & interest ~ Knowing students better to serve and shape them better)
- 9] Outcome Based Education (Producing skilled workforce of future ready professionals)
- 10] Course Outcome-Programme Outcomes (Attainments of educational objectives)
- 11] Quality Audits: Academic, Administrative, Green, Energy, Environment, Gender
- 12] Active Participation: Accreditations, Certifications & Rankings ( Excelling to the next level)

### 5. Quality Initiatives by IQAC – 2023-24

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.

Some of the major quality initiatives of IQAC are as follows:

- |  |
|--|
| 1. NEP Awareness, Orientation and Sensitization  |
| 2. Drafted 3 Policies, 2 SoPs, and 2 Process Manuals   |
| 3. Initiated NAAC Cycle-2 Activity and revised AQAR activities to attain the highest benchmark in accreditation. |
| 4. AQAR Activity Calendar 2023-24: <i>Every day is planned</i>   |
| 5. Academic Calendar 2023-24: <i>Every Week is planned</i>   |
| 6. IQAC Plan of action 2023-24: <i>Every Month is planned</i>  |
| 7. 4N's (NEP, NAAC, NIRF, NBA) Plan of action: <i>Every quarter is planned</i>                                   |
| 8. Regular Review Meetings with NAAC Team: <i>Every Semester is planned</i>                                      |
| 9. Submission of AQAR with next year's planning: <i>Every year is planned</i>                                    |

10. Clubs for Student to Join as per their interest ~ to Learn, Evolve, Explore, Grow, Inspire, Lead, and Succeed @ADYPSOE through “Mental, Spiritual, Physical, and Financial Education”
11. Toastmaster Club: Developing In-House Team of “Soft Skilled Trainers” to teach UGC Curriculum Jeevan Kaushal 2.0
12. Strengthening the Institute's Best Practices for Competency-based Education &, and thus Bridging the Gap between Education & Employment through Industry Connect.
13. Strengthening the key areas of Institutional Distinctiveness.
14. Conducted Internal and External Academic & Administrative Audits
15. Institute First, Always First Initiative for a proactive approach in dealing with various academic and administrative tasks.
16. Students First, Always First Initiative to better serve the students and shape them as per their needs and interests.
17. Revised existing IQAC Formats and added new forms to support the new initiatives of IQAC.
18. Initiative in Reskilling the workforce in the Age of AI.



## Quality Indicator Framework for NAAC

Criteria	Quality Indicators
<b>I</b>	<b>Curricular Aspects:</b> Institute Initiative in tune with wide range of programme options and courses that are in tune with the emerging national and global trends and relevant to the local needs.
<b>II</b>	<b>Teaching-Learning and Evaluation:</b> Institute Efforts to serve students of different backgrounds and abilities, through effective teaching-learning experiences.
<b>III</b>	<b>Research, Innovations &amp; Extension:</b> Institute Policies, practices and outcomes with reference to research, innovations and extension.
<b>IV</b>	<b>Infrastructure and Learning Resources :</b> The adequacy and optimal use of the facilities available to maintain the quality of academic and other programmes on the campus.
<b>V</b>	<b>Students Support and Progression:</b> Institute mechanism & necessary assistance to students, to enable them to acquire meaningful experiences for learning at the campus and to facilitate their holistic development and progression.
<b>VI</b>	<b>Governance, Leadership and Management:</b> Effective functioning of an institution in the matter of designing policies and planning human resources, recruitment, training, performance appraisal, financial management and the overall role of leadership.
<b>VII</b>	<b>Institutional Values and Best Practices:</b> It pertains to few pressing issues such as gender equity, environmental consciousness and sustainability, inclusiveness and professional ethics. Practices which are evolved internally by the institution leading to improvements in academic aspect.

Criteria No.	AQAR 2023-24 Activity Completion Status : Modified on : 25/5/2024
I	Number of Activities Planned: 9   Number of Activities Conducted: 6   Attainment % = 67%
II	Number of Activities Planned: 15   Number of Activities Conducted: 12   Attainment % = 80%
III	Number of Activities Planned: 21   Number of Activities Conducted: 18   Attainment % = 90%
IV	Number of Activities Planned: 12   Number of Activities Conducted: 9   Attainment % = 75%
V	Number of Activities Planned: 38   Number of Activities Conducted: 33   Attainment % = 85%
VI	Number of Activities Planned: 16   Number of Activities Conducted: 15   Attainment % = 94%
VII	Number of Activities Planned: 40   Number of Activities Conducted: 32   Attainment % = 80%

## 6. Teaching-Learning Reviews

- Adherence to the Institute Academic Calendar is in line with the University Academic Calendar.
- Adherence to Department Academic Calendar 2023-24.
- 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.
- 324 students enrolled in Certificate/Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL
- 384 (84%) out of 455 final years UG & PG students passed the University examination on the first attempt during the A.Y. 2023-24
- CO-PO-PSO Mapping and attainments.
- Feedback Mechanism with corrective actions for improvement in student-centric curriculum delivery & its transactions.







## 8. Faculty Development Programs:

Sr. No.	Title of the professional development program organized for teaching staff
1	Bridging the gap of Research & Application of Real world solution
2	Communication skill and self enhancement in workplace for non teaching staff
3	Five days ISTE Approved FDP on Unlocking the data visualization in Power BI
4	Five Days ISTE Approved STTP Program on "Mastering Salesforce Basics for CRM success
5	Webinar on Green Communication
6	Use of AI for curriculum Enrichment for Teaching Staff
7	Faculty Induction Program
8	AWS Faculty Development Program
9	Woman's Safety Program
10	Sexual harassment in the organization
11	Faculty Orientation Program on CO-PO Mapping and Attainment
12	Seminar on Outcome-based Education

## 9. Supporting Staff Development Programs:

Sr. No.	Title of the staff development program organized for Supporting staff
1	Use of Chat GPT for Non-Teaching Staff
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

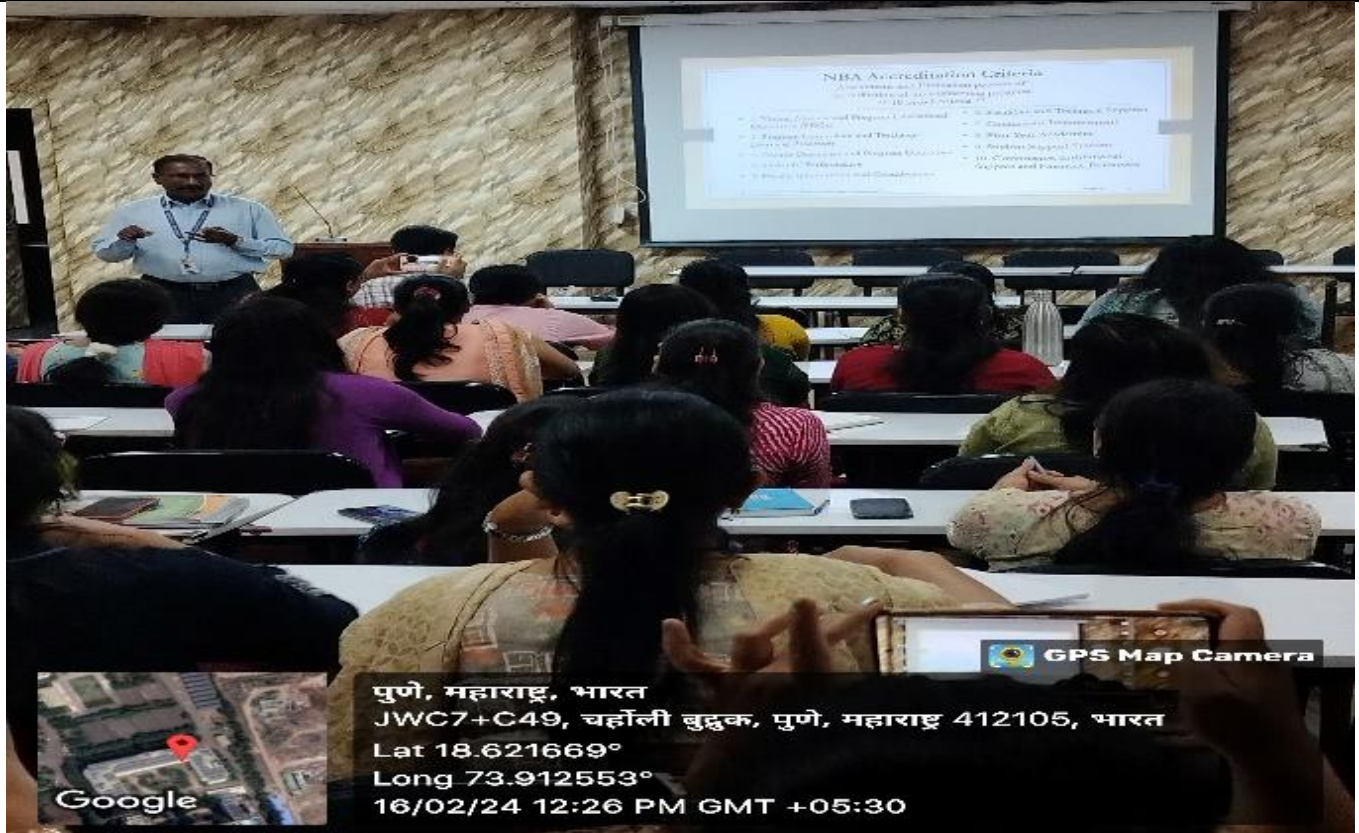
8	Guest Lecture on ICT Tool
9	Workshop on Software Engineering
10	Alumni session on the importance of soft skills
11	Add on Program on Power-BI
12	Guest lecture on Soft Skills & placement Talk
13	Seminar on Human Behaviour
14	Guest lecture on 3D Metrology & Reverse Engineering
15	Webinar on Business 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
23	Guest Lecture on Object-oriented Programming
24	Guest Lecture on Digital Forensic and Computer Forensics Analysis
25	Big Data analytics algorithm
26	Workshop on python and mobile workforce management software
27	Overview and Preparation for competitive exams
28	Importance of competitive exams for higher studies

## 11. Accreditation Initiatives :

### NAAC - Initiatives



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



पुणे, महाराष्ट्र, भारत  
 JWC7+C49, चर्होली बुद्रुक, पुणे, महाराष्ट्र 412105, भारत  
 Lat 18.621669°  
 Long 73.912553°  
 16/02/24 12:26 PM GMT +05:30

Faculty Orientation Program on CO-PO Mapping and Attainment – Dr. Sanjay Koli



"Empowerment through quality technical education"

**AJEENKYA**

DY Patil School of Engineering

Approved by AICTE, Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University

Charholi (Bk.), Via Lohegaon, Pune



R World Institutional RANKING



A Seminar on

**“Outcome-Based Education”**

{CO-PO-PSO Mapping and attainment, PEOs, Best Practices and Institute Distinctiveness}



**Resource Person**

**Prof. Ankita Tidake**

(Asst. Professor, AI&DS Dept. ADYPSOE, Pune)



**Resource Person**

**Dr. Pallavi Kharat**

(Asst. Professor, Civil Dept, ADYPSOE, Pune)

Date : 10<sup>th</sup> May 2024 / Friday

Time : 11.00 am onwards

Venue : Seminar Hall, Room No. 241

Dr. Aakanksha Ingle  
(Event Coordinator)

Prof. Riyaz Kazi  
(IQAC Coordinator)

Dr. F. B. Sayyad  
(Principal)

Dr. Kamaljeet Kaur  
(Director - TC)

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**



## 12.The outcomes of IQAC during A.Y. 2023-24

### [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



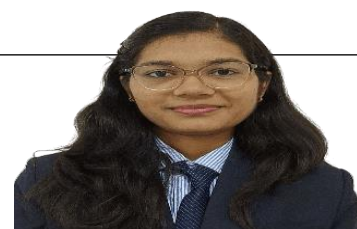
**Khushi Gaikwad**  
SGPA: 10



**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



Gunvant Ozarkar  
9.62 CGPA  
University 9th Rank



Sayyad Salma Javed  
9.75 CGPA  
University 9th Rank

"Empowerment through quality technical education"

**AJEENKYA**  
DY Patil School of Engineering

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nirf NATIONAL INSTITUTIONAL RANKING PUNE/MS/2022 Rank Band (251-300)

ISO  
R World Institutional RANKING Rank of No.1 in Maharashtra

**HEARTY CONGRATULATIONS**

**For Great Achievement**

**Runner Up**

in  
**ISRO IMMERSION CHALLENGE**

**Team Terra Spatial**

**Team Mentor** **AI&DS HoD**



**Atharva Garole** **Prathamesh Badgujar** **Raunak Jha**

**Prof. Geeta Kodabagi** **Prof. Bhagyashri Dhakulkar**

**All the Best for your next step towards great achievements!**

- 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.



**[I] Alumni:**



- 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





**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.

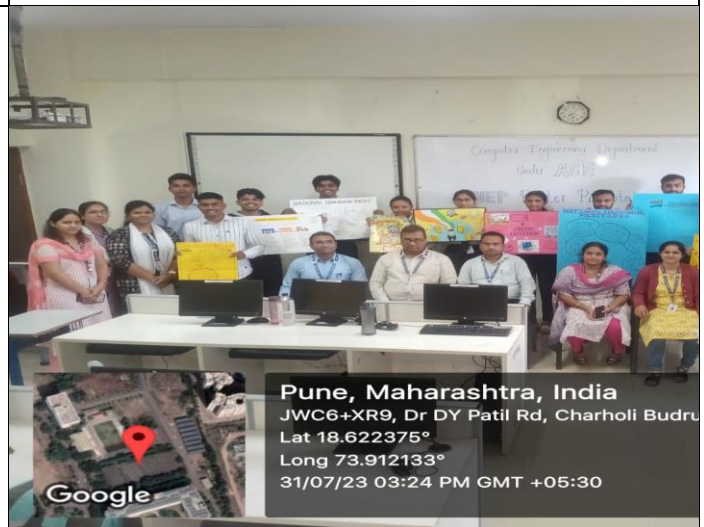
**Awareness of NEP 2020 to Parents:** 22<sup>nd</sup> July 2023, Discussion with Parents about NEP 2020 at respective departments, ADYPSOE , Lohegaon, Pune.



**Poster Presentation about Awareness of NEP 2020:** 28<sup>th</sup> July 2023, Poster presentation on NEP 2020 for students by AI&DS department



**Poster Presentation about Awareness of NEP 2020:** 31<sup>st</sup> July 2023, 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.



Internal Academic & Administrative Audits 2023-24



GPS Map Camera

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

Lat 18.621452°

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External Academic & Administrative Audits 2023-24



GPS Map Camera

Pune, Maharashtra, India

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Lat 18.621483°

Long 73.912264°

04/09/24 02:25 PM GMT +05:30

Google

## 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**



## India Today Ranking- 135<sup>Th</sup> Rank



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Ranking Year

2024 (New)

2023

2022

2021

2020

2019

2018

State

Andhra Pradesh

Arunachal Pradesh

Show:  Sort By:  Search:

Overall Rank	City	IQG	ACE	ILE	PLD	PCP	O.S.	P.S.	T.S.	
2024	2023	(288)	(264)	(240)	(120)	(288)	(1200)	(800)	(2000)	
<b>Ajeenkya DY Patil School of Engineering</b> <span style="float: right;">Admissions   Placement   Fees <a href="#">Add To Compare</a>   <a href="#">♥</a></span>										
135	146	Pune	140.4	108.9	123.1	66.4	151.2	590	127.3	717.3
<b>Rajeev Gandhi Memorial College of Engineering &amp; Technology</b> <span style="float: right;">Admissions   Placement   Fees <a href="#">Add To Compare</a>   <a href="#">♥</a></span>										
151	162	Nandyal	126.2	157.3	155.9	68.3	128.5	636.2	54.4	690.6
<b>Rajendra Mane College of Engineering &amp; Technology</b> <span style="float: right;">Admissions   Placement   Fees <a href="#">Add To Compare</a>   <a href="#">♥</a></span>										
248	238	Ratnagiri	78.9	107.8	169.9	42.1	41.4	440.1	48.7	488.8

Showing 1 to 3 of total 3 entries

The institute has also participated in the National Institutional Ranking Framework (NIRF).

The institute has taken initiatives to increase Research Publications, Books, Patents, and Copyrights.

The Institute has taken initiatives to increase the consultancy projects.

The training and placement department has strengthened the campus placements.

The student development initiatives are increased through various club activities.

Capacity Building and Skill Enhancement Initiatives have benefited students to increase employability.



## 13.NEP 2020 Orientation & Sensitization



### 1] **Multidisciplinary/Interdisciplinary:**

Dr. D.Y. Patil School of Engineering (DYP SOE) 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.

**NEP 2020 Orientation & Sensitization Programme under Malaviya Mission  
Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)**

**List of Faculty attended NEP 2020 Orientation and Sensitization program AY 2023-24**

<b>Sr No.</b>	<b>Name of Faculty</b>	<b>Department</b>	<b>Duration</b>
1	Dr. Pankaj Agarkar	Computer Engineering	04/03/2024 to 14/03/2024
2	Dr. Phatare Tushar Tulshidas	Computer Engineering	04/03/2024 to 14/03/2024
3	Prof.Mrs. Pallava Shimpi	Computer Engineering	15/04/2024 to 24/04/2024
4	Prof Mrs. Amruta Chitan	Computer Engineering	04/03/2024 to 14/03/2024
5	Prof Mrs. Astrwini Pandagale	Computer Engineering	04/03/2024 to 14/03/2024
6	Prof. Nilesh Rambhao Pinjarkar	Computer Engineering	04/03/2024 to 14/03/2024
7	Ms. Minal Chandrakant Toley	Computer Engineering	01/04/2024 to 11/04/2024
8	Ms. Swathi Wasadeorno Bagade	Computer Engineering	04/03/2024 to 14/03/2024
9	Mrs Prajakta Sumit Jadhav	Computer Engineering	04/03/2024 to 14/03/2024
10	Ms. Ujvala Dhirai Patil	Computer Engineering	01/04/2024 to 11/04/2024
11	Mrs. Manisha Dinkar Wasnik	Computer Engineering	26/03/2024 to 03/04/2024
12	Mrs. Renoka Rajesh Gavli	Computer Engineering	04/03/2024 to 14/03/2024
13	Mrs. Anita Sachin Mahajan	Computer Engineering	01/04/2024 to 11/04/2024
14	Prof. Bhagyashree Vyas	Computer Engineering	01/04/2024 to 11/04/2024
15	Prof. Priti Rathod	Computer Engineering	04/03/2024 to 14/03/2024
16	Prof Jayashree Waman	Computer Engineering	04/03/2024 to 14/03/2024
17	Prof Neha Sharma	Computer Engineering	01/04/2024 to 11/04/2024
18	Prof. Swaroopa Kamble	Computer Engineering	01/04/2024 to 11/04/2024
19	Ms Ashlesha Chandrakant Adsul	Computer Engineering	04/03/2024 to 14/03/2024
20	Prof. Ishwar Nemidas Bharambe	Computer Engineering	04/03/2024 to 14/03/2024
21	Ms. Akanksha Sohani	Computer Engineering	01/04/2024 to 11/04/2024
22	Ms.Suvidha Shaha	Computer Engineering	15/04/2024 to 24/04/2024
23	Mrs. Pooja Mobbansi	Computer Engineering	9/05/2024 to 20/05/2024
24	Ms.Sangeeta Saswati Mohapatra	Computer Engineering	9/05/2024 to 20/05/2024
25	Mrs.Suvarna Nishant Alhat	Computer Engineering	11/03/2024 to 19/03/2024
26	Miss Gauri Rasane	Computer Engineering	04/03/2024 to 14/03/2024
27	Mrs. Prateeksha Paliwal	Computer Engineering	04/03/2024 to 14/03/2024

28	Prof. Ms. Bhagyashree Dhakulkar	AI & DS	18/3/2024 to 29/3/2024
29	Prof. Yogesh B. Pawar	AI & DS	04/03/2024 to 14/03/2024
30	Prof. Ms. Rohini Shrikhande	AI & DS	18/03/2024 to 29/03/2024
31	Prof. Ms. Payal Deshmukh	AI & DS	18/03/2024 to 29/03/2024
32	Prof. Ms. Shakti Kaushal	AI & DS	04/04/2024 to 14/04/2024
33	Prof. Ms. Sushma Gunjal	AI & DS	01/04/2024 to 11/04/2024
34	Prof. Ms. Priyanka Waghmare	AI & DS	18/3/2024 to 29/3/2024
35	Prof. Ms. Poonam Nagale	AI & DS	18/3/2024 to 29/3/2024
36	Prof. Ms. Rupali Wagh	AI & DS	18/3/2024 to 29/3/2024
37	Prof. Ms. Geeta K	AI & DS	18/03/2024 to 29/03/2024
38	Prof. Ms. Rachana Chapte	AI & DS	18/03/2024 to 29/03/2024
39	Dr. Saniya Ansari	E&Tc	04/03/2024 to 14/03/2024
40	Dr. Sanjay Koli	E&Tc	01/04/2024 to 11/04/2024
41	Prajakta Khairnar	E&Tc	01/04/2024 to 11/04/2024
42	Ashwini Bagde	E&Tc	01/04/2024 to 11/04/2024
43	Seema Khamankar	E&Tc	15/04/2024 to 25/04/2024
44	Kalpita Mane-Narnavar	E&Tc	01/04/2024 to 11/04/2024
45	Manjusha Patil	E&Tc	01/04/2024 to 11/04/2024
46	Nalini Tiwari	E&Tc	11/03/2024 to 19/03/2024
47	Dr. Niranjan Shegokar	Mechanical	04/03/2024 to 14/03/2024
48	Dr. Shreepad Sarange	Mechanical	18/03/2024 to 29/03/2024
49	Prof. Umaji Kolekar	Mechanical	01/04/2024 to 11/04/2024
50	Prof. Manojkumar Ambalagi	Mechanical	15/04/2024 to 25/04/2024
51	Prof. Amol Gaikwad	Mechanical	08/04/2024 to 20/04/2024
52	Dr. R.P. Bachute	Automobile	15/04/2024 to 24/04/2024
53	Prof. A.N. Gowardipe	Automobile	15/04/2024 to 24/04/2024
54	Dr. P.R. Wadate	Automobile	15/04/2024 to 24/04/2024
55	Prof. N.B. Pawar	Automobile	15/04/2024 to 24/04/2024
56	Prof. S. A. Kamble	Automobile	15/04/2024 to 24/04/2024
57	Dr. Pallavi Kharat	Civil	01/04/2024 to 11/04/2024
58	Prof. Sameer Chambulwar	Civil	18/03/2024 to 29/03/2024
59	Prof. Swapnil Bijwe	Civil	01/04/2024 to 11/04/2024



60	Prof. Sheetal Marawar	Civil	01/04/2024 to 11/04/2024
61	Prof. Lt.Aniket Nemade	Civil	01/04/2024 to 11/04/2024
62	Prof. Ajitesh Pagare	Civil	
63	Prof. Dr.Aakansha Ingle	Civil	01/04/2024 to 11/04/2024
64	Prof. Sachin Rahinj	Engineering Science	15/04/2024 to 24/04/2024
65	Prof. Mamata Jiwankar	Engineering Science	18/03/2024 to 29/03/2024
66	Prof. Akanksha Sohani	Engineering Science	1/04/2024 to 11/04/2024
67	Prof. Sanjana Desai	Engineering Science	1/04/2024 to 11/04/2024
68	Prof. Rohini Gadgil	Engineering Science	15/01/2024 to 25/01/2024
69	Dr. Ashwini Bokade	Engineering Science	16/02/2024 to 01/03/2024
70	Dr. Shobha Rupanar	Engineering Science	11/03/2024 to 19/03/2024
71	Prof. Pooja Nikam	Engineering Science	21/05/2024 to 29/05/2024



## 14. Plan of action for next academic year (2024-25)

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

1. *Institute Preparedness to National Education Policy 2020: Awareness, Orientation & Sensitization*
2. *Compliances regarding NAAC-Cycle 1 & Various Audits.*
3. *Preparation for NAAC Cycle 2.*
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.*
22. *To Prepare an Institute Development Plan to enhance competitiveness and ensure sustainable development.*