Ajeenkya DY Patil School of Engineering, Lohegaon, Pune.

Annual Report – IQAC

2022-23

INDEX

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.

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 & Dean R&D [Engg. Science]	
5	Dr. Sharan Inamdar, HoD [E&TC Dept.]	
6	Dr. Pankaj Agarkar, HoD [Computer Dept.]	
7	Prof. Rohit Garad, HoD [Mechanical Dept.]	
8	Prof. S. M. Karodpati, HoD [Civil Dept.]	
9	Prof. Bhagyashree Dhakulkar, HoD [AI&DS Dept.]	
10	Dr. Rahul Bachute, HoD [Automobile Dept]	
11	Ms. Shweta Sharma, Dean III and T&P	
12	Prof. Prashant Karajagi, College Exam Officer	
13	Mr. Santosh Ankush. Librarian	
14	Dr. R.C.Katdare, Faculty [Civil Engg.]	Teacher Representative

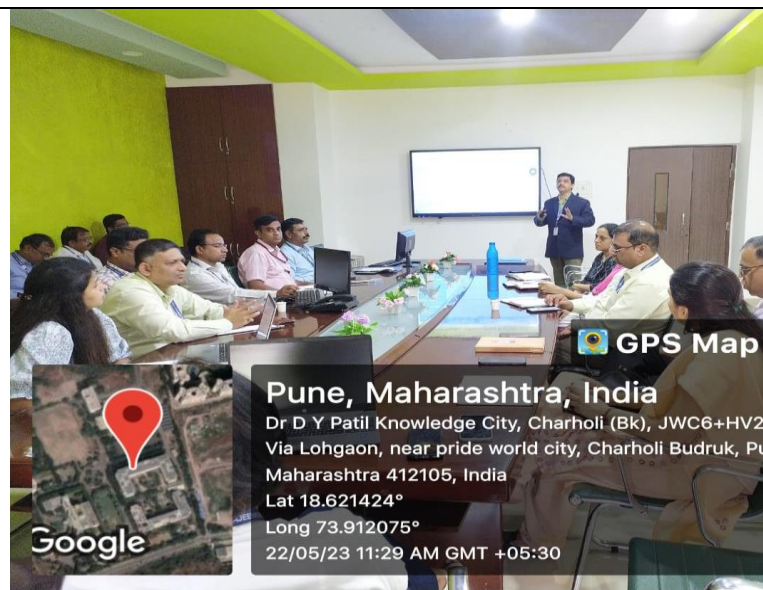| 15	Dr. Saniya Ansari, Faculty [E&TC Engg]	
16	Prof. Santosh Jadhav, Faculty [Mechanical Engg.]	
17	Prof. Rohini Gadgil, Faculty [Engg. Science]	
18	Prof. Nilesh Pinjarkar, Faculty [Computer Engg.]	
19	Prof. Sonal Durgule, Faculty [AI & DS Engg.]	
20	Mr. Ganesh Khandve, Lohegaon	Nominee (Local Society)
21	Mr. Harshit Mishra, Engg. Science Dept.	Nominee (Student)
22	Prof. Yogesh Shinde, E&TC department	Nominee (Alumni)
23	Mr. Sahil Billiardmaker, Whirlpool, Pune.	Nominee (Industrialist)
24	Mr. Nirajan Kale, Veritas, Pune	Nominee (Employer)
25	Mr. Dineshkumar Mishra, Pune	Nominee (Parent)
26	Prof. Riyaj Kazi, Senior Faculty, E&TC department	Coordinator (IQAC)

IQAC Working Model
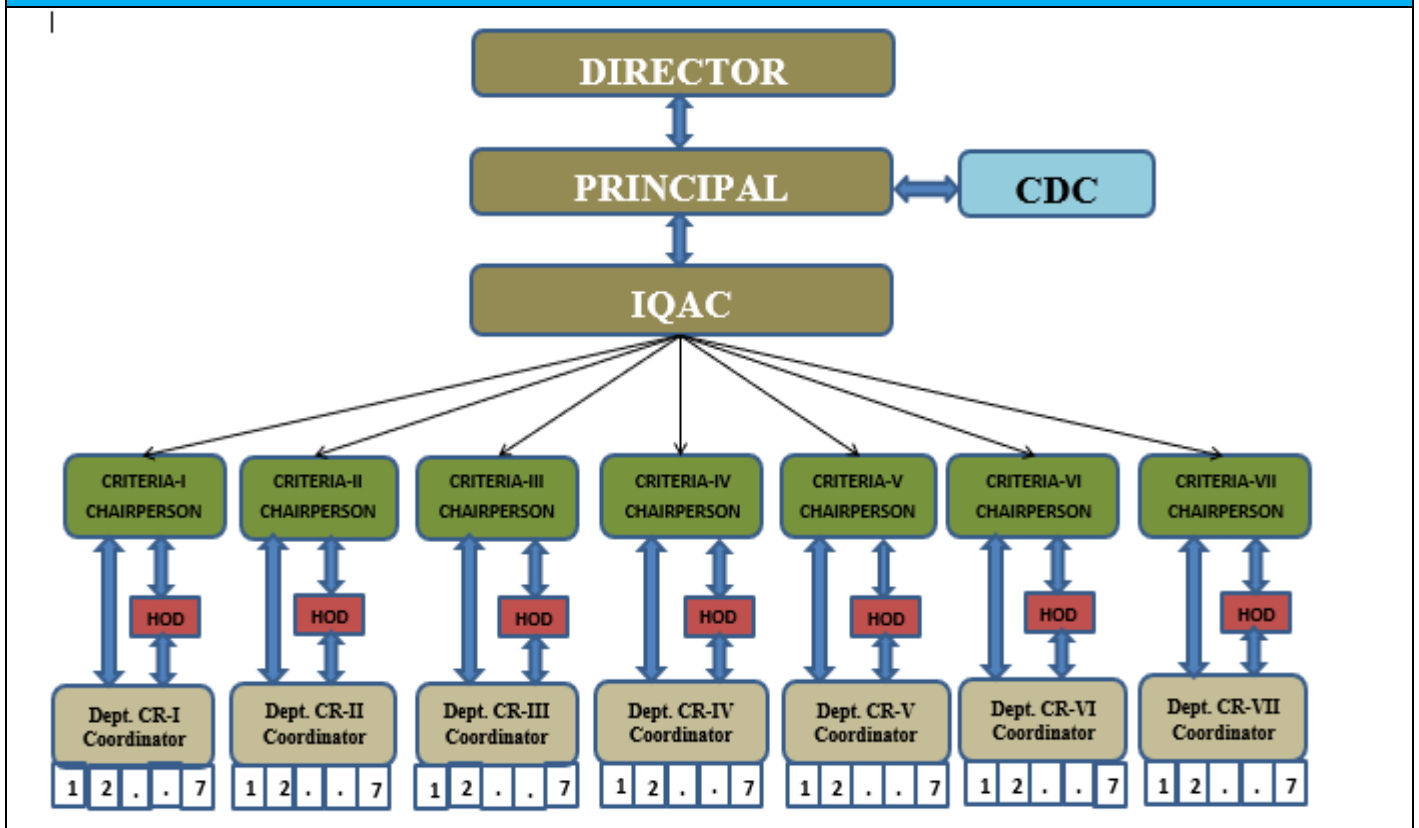
4. **IQAC Highlights – 2022-23**:

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.

Student Centric Outcome Based Planning

Performance Parameters	Expected outcome
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.

Outcome Based Planning for Learners for "Overall Development" as per their interests with benchmarks & its attainments

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.

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 – 2022-23

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.	Drafted four policies, seven SoPs, and two process manuals
2.	Initiated NAAC Cycle-2 Activity and revised AQAR activities to attain the highest benchmark.
3.	AQAR Activity Calendar: *Every day is planned*
4.	Academic Calendar: *Every Week is planned*
5.	IQAC Plan of action: *Every Month is planned*
6.	4N's (NEP, NAAC, NIRF, NBA) Plan of action: *Every quarter is planned*
7.	Additional Activity Review Meeting: *Every Semester is planned*
8.	Submission of AQAR with next year's planning: *Every year is planned*

9. 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"

10. Toastmaster Club: Developing In-House Team of "Soft Skilled Trainers" to teach UGC Curriculum Jeevan Kaushal 2.0

11. Revision in Institute Best Practices for Competency-based Education & Assessment, and thus Bridging the Gap between Education & Employment through Industry Connect.

12. Revision in key areas of Institutional Distinctiveness.

13. Conducted Internal and External Academic & Administrative Audits

14. Institute First, Always First Initiative for a proactive approach in dealing with various academic and administrative tasks.

15. Students First, Always First Initiative to better serve the students and shape them as per their needs and interests

16. Revised existing IQAC Forms and added new forms to support the new initiatives.

17. Department-wise Outstanding Performance Awards to faculties every month.

Quality Indicator Framework for NAAC

Criteria	Quality Indicators
I	**Curricular Aspects:** 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.
II	**Teaching-Learning and Evaluation:** Institute Efforts to serve students of different backgrounds and abilities, through effective teaching-learning experiences.
III	**Research, Innovations & Extension:** Institute Policies, practices and outcomes with reference to research, innovations and extension.
IV	**Infrastructure and Learning Resources :** The adequacy and optimal use of the facilities available to maintain the quality of academic and other programmes on the campus.
V	**Students Support and Progression:** 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.
VI	**Governance, Leadership and Management:** 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.
VII	**Institutional Values and Best Practices:** 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 2022-23 Activity Completion Status		
I	Number of Activities Planned: 16	Number of Activities Conducted: 12	Attainment % = 75%
II	Number of Activities Planned: 16	Number of Activities Conducted: 11	Attainment % = 68%
III	Number of Activities Planned: 21	Number of Activities Conducted: 18	Attainment % = 90%
IV	Number of Activities Planned: 10	Number of Activities Conducted: 7	Attainment % = 70%
V	Number of Activities Planned: 45	Number of Activities Conducted: 34	Attainment % = 75%
VI	Number of Activities Planned: 16	Number of Activities Conducted: 11	Attainment % = 69%
VII	Number of Activities Planned: 41	Number of Activities Conducted: 31	Attainment % = 75%

6. Teaching-Learning Reviews

1. 1505 (More than 70%) students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL
2. **327 (73.26 %)** Number of final years UG & PG students passed the University examination on the first attempt during the A.Y. 2022-23
3. Feedback Mechanism with corrective actions for improvement in student-centric curriculum delivery.
4. **Remedial classes** were conducted to improve the result.

7. Outcome attainment under OBE:

Mapping of CO-PO-PSO, Course Exit Survey, Programme Exit Survey.
Progressive increment in employability during the AY 2022-23.

8. Faculty Development Programs:

Sr. No.	Title of the professional development program organized for teaching staff
1	Five Days FDP On Deep Learning
2	IQAC 5 Days Faculty Induction Program
3	FDP on the joy of Computing using Python
4	Leadership and Team Effectiveness
5	5 Days Best Practices for Research Project
6	Five Days FDP On Deep Learning App Tools Development
7	5 Days FDP on Innovative Teaching Learning Practices for preparation of NEP 2020
8	FDP on Data science using Machine Learning
9	EQUIP 2022- 7 DAYS
10	Program on Research Insight
11	One week Blockchain Technology and its use Cases
12	FDP On AWS
13	One -week FDP On Qualitative & Quantitative Approaches for Quality Assurance Through Performance Indicators in Engineering Institutions
14	5 Days Business Intelligence In Data Science
15	One week National Level Augmented & Virtual Reality
16	ISTE Approved 6 days FDP on Project Based Learning
17	Five Days FDP On Recent Advances & Challenges in Electric, Hybrid & Fuel Cell Vehicles
18	Recent Advances in Deep learning and its Multidisciplinary
19	5 Days Business Intelligence In Data Science
20	FDP on Cyber Security
21	Recent Advances in Deep learning and its Multidisciplinary
22	International Faculty Development Program on Synopsis, Dissertation, Thesis Drafting, and Publication Process

9. Supporting Staff Development Programs:

Sr. No.	Title of the staff development program organized for Supporting staff
1	One Day Event on Use of Microsoft Word
2	One Day Event on Use of Google Sheet
3	One Day Event on Use of Google Form

10. Student Enrichment Programs:

Following skill enhancement/capacity building programs were organized for students.	
Sr. No.	**Name of Technical Event**
1	Guest Lecture on Vantage Point focused on leadership,effective communication and teams.
2	Webinar on Importance of Soft Skills
3	Seminar on Soft Skill Training for UG Students
4	Seminar on Soft Skill and Placement Talk
5	Seminar on Human Ethics and Soft Skill
6	Seminar on The Language Lab:A comprehensive Guide to Language Learning
7	The Blue Print of Success for Engineers
8	Webinar on Women's Health and Hygiene
9	Seminar on Mental Health and Happiness
10	Seminar on Yoga & Meditation
11	Seminar on Internet of Things
12	Seminar on Problem Solving Session on Pushdown Automata & Turing Machine
13	Guest lecture on Computer Graphics
14	Student Development Program on Cyber Security
15	Student development Program on Cyber Security and Cloud Computing using AWS
16	Seminar on ICT Tools JIRA
17	Guest Lecture on Data Analytics & Machine Learning
18	Seminar on Awareness of Microsoft Certification Mapped to AI & ML
19	Guidance and Technical Session on E-Yantra Robotics Competition
20	Seminar on Data Science, Analytics & Machine Learning
21	Four Days Workshop on Python
22	Guest Lecture on Data Visualization
23	Expert Lecture on Information Security
24	Guest Lecture on Biotechnology in Civil Engineering

11.Accreditation Initiatives :

Role of IQAC in Internalization of Quality Culture & Accreditation Process by IQAC Coordinator, Mr. Riyaj Kazi

Quality Indicator Framework for NAAC, Action Plan & NAAC Cycle-2 Preparation Guidelines by NAAC Coordinator, Dr. Rahul Bachute.

12.The outcomes of IQAC during A.Y. 2022-23

[A] Academics: 73.26 % of Students passed on the first attempt including First Class & Distinction.

[B] R&D:

- Recognition of Scientific & Industrial Research Organization (SIRO), Ministry of Science & Technology, Govt. of India.

- Published **626** papers in the journal as a special issue

- Published **20** papers in conference proceedings

[C] Training & Placement: 55% of the final-year students were placed in companies.

[D] Consultancy: 115 projects were undertaken and **17,88,188/-** revenue was generated.

[E] Innovation Ecosystem: 04 patents filed and published

[F] Faculty Development: 22 Faculty Development Programs organized by the Institute.

[G] Supporting Staff Development: 03 Staff Development Programs organized by the Institute.

[H] Student development: 24 Skill Enhancement & Capacity Building activities conducted

[I] Alumni: 04 Alumni have contributed during the year.

[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 students.

[K] MoUs: 26 MoUs & Collaborations, all MoUs are active and functional

[L] Policies & SoPs: Academic & Administrative processes are adhered to New & Revised Policies & SoPs

[M] Audits: Implemented a standard strategy of course correction for quality enhancement in the institute through Internal and External Academic, Administrative, and Financial Audits.

[N] Best Practices: Effectively Implemented the Revised Best Practices in line with NEP 2020.

[O] Stakeholders Feedback: Received positive feedback on Academic Performance, Institute Ambience, Student Satisfaction Survey, Best Practices, Course and Programme Exit Survey, 360° Feedback, and post-placement survey.

[P] Achievements: OBE Ranking – GOLD BAND, Sustainable Education- A++ & Platinum Band, GOLD Certificate from Swaraj Energy Foundation.

Internal Academic & Administrative Audits 2022-23

Pune, Maharashtra, India
JWC7+C49, Charholi Budruk, Pune, Maharashtra 412105, India
Lat 18.621516°
Long 73.912275°
14/08/23 01:57 PM GMT +05:30

External Academic & Administrative Audits 2022-23

Pune, Maharashtra, India
JWC6+GJR Bhoi*, Charholi Budruk, Pune, Maharashtra 412105, India
Lat 18.621457°
Long 73.911704°
13/09/23 05:57 PM GMT +05:30

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 2023
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

Ranked in the **GOLD BAND** Grade

R
World Institutional
RANKING

Executive President

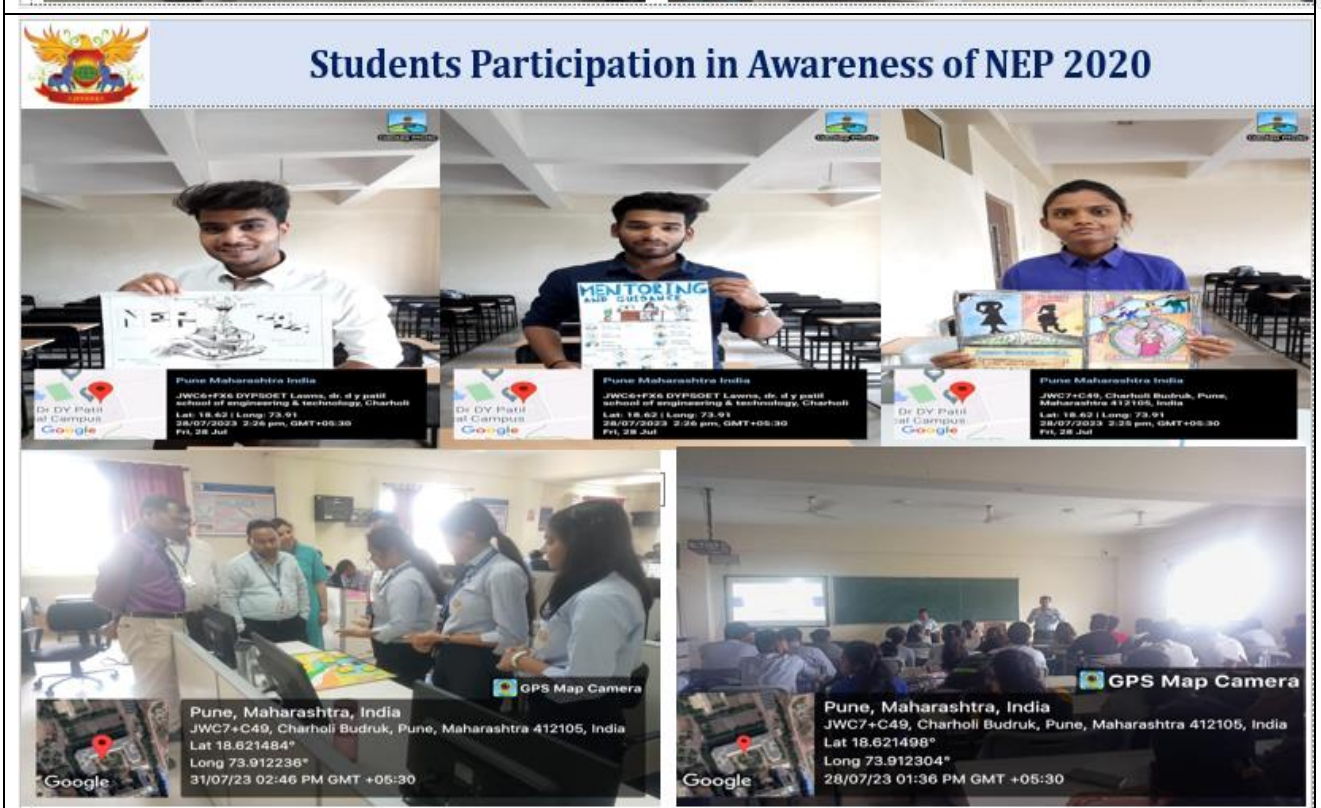## GOLD Certificate from Swaraj Energy Foundation

India Today Ranking

Participation in NIRF-Innovation Category

GREEN RANKING:- Sustainable Education Award 2023, A++, Platinum Band

13. NEP Preparedness of the institution:

Students Participation in Awareness of NEP 2020

Students Participation in Awareness of NEP 2020

Institute Preparedness to NEP 2020

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 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.

14. Plan of action for next academic year (2023-24)

The institute plan of action for the next academic year 2023-24 includes the following:

1. Institute Preparedness to National Education Policy 2020: Awareness Programs & Implementation Strategies

2. Compliances regarding NAAC-Cycle 1 & Various Audits.

3. A complete roadmap to prepare 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 a new 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 number of extension activities.

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

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

18. To revise the institutional best practices & distinctiveness.

19. To strengthen activities under the innovation ecosystem.

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.