

Dr. D. Y. Patil School of Engineering, Lohegaon, Pune.



Annual Report - IQAC

2021-22

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Vision

Empowerment through quality technical education

Mission

M1: To excel as a center of excellence in technical education

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

M3: To achieve excellence in teaching, learning and research

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.

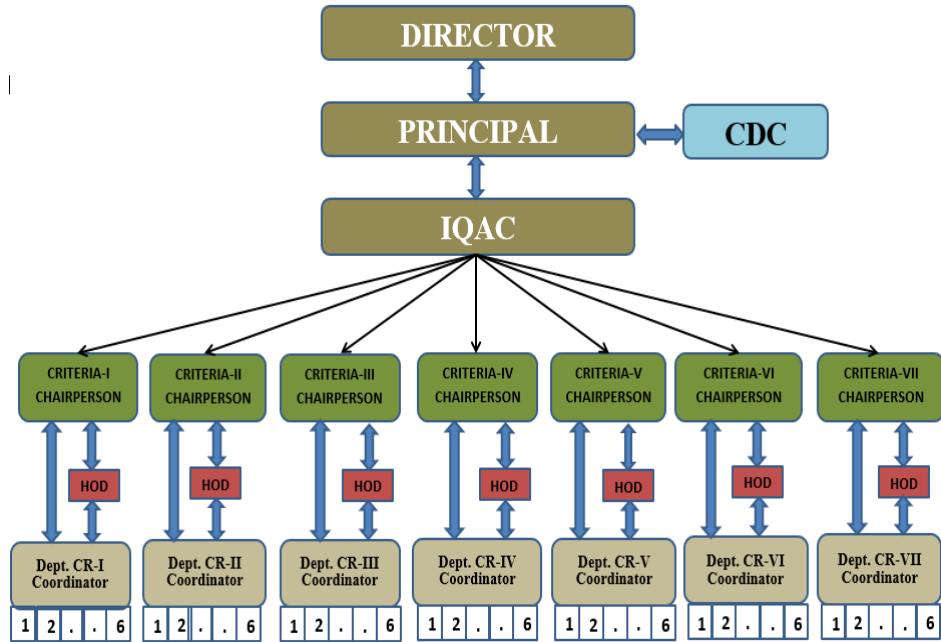
3. IQAC Composition and working model:

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. Sanjay Koli, 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	Ms. Shweta Sharma, Dean III and T&P	
10	Prof. Prashant Karajagi, College Exam Officer	
11	Mr. Santosh Ankush. Librarian	
12	Dr. R.C.Katdare, Faculty [Civil Engg.]	Teacher Representative
13	Dr. Saniya Ansari, Faculty [E&TC Engg]	
14	Prof. Santosh Jadhav, Faculty [Mechanical Engg.]	
15	Prof. Rohini Gadgil, Faculty [Engg. Science]	
16	Prof. Nilesh Pinjarkar, Faculty [Computer Engg.]	
17	Prof. Sonal Durgule, Faculty [AI & DS Engg.]	
18	Mr. Ganesh Khandve, Lohegaon	Nominee (Local Society)
19	Mr. Harshit Mishra, Engg. Science Dept.	Nominee (Student)
20	Prof. Yogesh Shinde, E&TC department	Nominee (Alumni)
21	Mr. Sahil Billiardmaker, Whirlpool, Pune.	Nominee (Industrialist)
22	Mr. Nirajan Kale, Veritas, Pune	Nominee (Employer)
23	Mr. Dineshkumar Mishra, Pune	Nominee (Parent)
24	Prof. Riyaj Kazi, Senior Faculty, E&TC department	Coordinator (IQAC)

IQAC Working Model

Revised IQAC Working Model



4. IQAC Highlights – 2021-22:

ISO Certifications

Scan this QR code with smartphone to visit our website

Certificate of Registration

This is to certify that the Educational Organizations Management System of

DR. D.Y. PATIL SCHOOL OF ENGINEERING
OPERATED BY DR. D. Y. PATIL EDUCATIONAL CHARITABLE TRUST'S
DR. DY PATIL KNOWLEDGE CITY, CHARHOLI(BK),
VIA - LOHEGAON, PUNE - 412105, MAHARASHTRA, INDIA.

has been assessed independently by us and found to comply with the requirements of

(Educational Organizations – Management Systems for Educational Organizations)
ISO 21001:2018
for the following scope:

IMPARTING THE QUALITY TECHNICAL EDUCATION THROUGH ACADEMIC EXCELLENCE AND PROVIDE THE BEST OF FACILITIES TO SATISFY THE NEED & EXPECTATIONS OF THE STUDENTS & STAKEHOLDERS IN THE COURSES UG, PG & POLYTECHNIC

Certification Calendar:

Certificate No: INE03116608/1793
Registered on: 24.11.2021
Issued on: 24.11.2021
Expires on: 23.11.2024
1st Surveillance on/before: 23.11.2022
2nd Surveillance on/before: 23.11.2023

Executive Director
RADIANCE QUALITY CERTIFICATIONS
Regd. Off. - 20-22 Woodcock Rd, Hoxton, London N1 3W, UK

Regd. Off. 20-22 Woodcock Rd, Hoxton, London N1 3W, UK

Terms of conditions

1. Validity of this certificate is subject to the organization maintaining its system in accordance with respective management systems standards along with BQC requirements.
2. This certificate remains the property of Radiance Quality Certifications to whom it must be returned upon request.
3. Use of logo must be in accordance with the requirements of the UKAS accreditation board (if any) failure to meet the requirement shall be held liable for actions.
4. This certificate is not final evidence of confidence status, status must be verified via writing from info@radiance.co.uk or it can be verified online at <http://radiance.co.uk/verified-clients>

Certificate of Registration



This is to Certify That The Quality Management System of
DR. D.Y. PATIL SCHOOL OF ENGINEERING
OPERATED BY DR. D. Y. PATIL EDUCATIONAL CHARITABLE TRUST'S

DR. DY PATIL KNOWLEDGE CITY, CHARHOLI(BK),
VIA - LOHEGAON, PUNE - 412105, MAHARASHTRA, INDIA.

has been audited and conformed to be in accordance
with the requirements of

ISO 9001:2015

The Quality Management System is Applicable to :

IMPARTING THE QUALITY TECHNICAL EDUCATION THROUGH
ACADEMIC EXCELLENCE AND PROVIDE THE BEST OF FACILITIES
TO SATISFY THE NEED & EXPECTATIONS OF THE STUDENTS &
STAKEHOLDERS IN THE COURSES UG, PG & POLYTECHNIC.

Certificate No	: QCF191121	Issuance Date	: 25/11/2021
Initial Registration Date	: 25/11/2021	Date of Expiry	: 24/11/2024
1st Surve. Due	: 25/10/2022	2nd Surve. Due	: 25/10/2023


Director



Aambitious Assessment Pvt. Ltd.

804, Ashok Bharwan, Building No. 93, Nehru Place, New Delhi - 110 019, India.

e-mail: info@aapcertification.in, website: www.aapcertification.in

Certificate Verification: Certificate Validity can be re-checked at www.aapcertification.in

This certificate is a property of Aambitious Assessment Pvt. Ltd. and shall be returned immediately when demanded

*Validity of the certificate is subject to successful completion of surveillance audit on or before due date

NABL Accreditation



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**TESTING AND CONSULTANCY SERVICES LABORATORY
(TCS LAB) OF DR. D. Y. PATIL SCHOOL OF ENGINEERING**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

**DR. D. Y. PATIL SCHOOL OF ENGINEERING, DR. D. Y. PATIL KNOWLEDGE CITY, CHARHOLI BK.,
LOHEGAON, PUNE, MAHARASHTRA, INDIA**

in the field of
TESTING

Certificate Number: **TC-9915**

Issue Date: **28/09/2021**

Valid Until: **27/09/2023**

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Identity : **Dr. D. Y. Patil Educational Enterprises Charitable Trust**

Signed for and on behalf of NABL



N. Venkateswaran
N. Venkateswaran
Chief Executive Officer

NIRF Ranking



National Institutional Ranking Framework
Ministry of Education
Government of India



India Rankings 2022: Engineering (Rank-band: 251-300)

Institution list in alphabetical order

[Back](#)

Name	City	State
ABES Engineering College	Ghaziabad	Uttar Pradesh
Academy of Maritime Education and Training	Kancheepuram	Tamil Nadu
Alliance University	Bengaluru	Karnataka
Anil Neerukonda Institute of Technology & Sciences	Visakhapatnam	Andhra Pradesh
B I T Sindri	Dhanbad	Jharkhand
Basaveshwar Engineering College	Bagalkot	Karnataka
CMR Engineering College	Rangareddy	Telangana
Dr. D. Y. Patil Educational Enterprises Charitable Trust's Dr. D. Y. Patil Group of Institutions Dr. D. Y. Patil School of Engineering	Pune	Maharashtra
E.G.S. Pillay Engineering College	Nagapattinam	Tamil Nadu
G. B. Pant Government Engineering College	Delhi	Delhi
G. Narayamma Institute of Technology & Science for Women	Hyderabad	Telangana
G. Pulla Reddy Engineering College	Kurnool	Andhra Pradesh

Green Institution Ranking

SUSTAINABLE INSTITUTIONS OF INDIA THE GREEN INSTITUTIONAL RANKINGS 2022

Certificate of Excellence

IN PURSUIT OF EXCELLENCE TOWARDS PRACTICING
SUSTAINABLE EDUCATION, THIS CERTIFICATE IS AWARDED TO

Dr. D Y Patil School of Engineering, Pune

and is ranked No. 30 across India
in the Green Institutional Rankings 2022.

R
World Institutional
RANKING 


Executive President

India Today Ranking: Ranked 126th among Engineering [Private]

ENGINEERING (PRIVATE)

	OVER-ALL RANK 2022	OVERALL RANK 2021	COLLEGE & CITY	INTAKE QUALITY & GOVERNANCE	ACADEMIC EXCELLENCE
				288	264
↓	125	101	NALLA MALLA REDDY ENGINEERING COLLEGE, Hyderabad	138.2	112.3
-	126	NP	DR. D Y PATIL SCHOOL OF ENGINEERING, Pune	132.2	77.0
↓	127	109	MEDI-CAPS UNIVERSITY, INDORE, Indore	114.6	106.2
↑	128	134	NMAM INSTITUTE OF TECHNOLOGY, Karkala	148.4	139.1
↑	129	133	BVRIT HYDERABAD COLLEGE OF ENGINEERING FOR WOMEN.	120.2	97.8

Academic & Administrative Audits



IQAC Cluster
Reg No. MAH/236/2021/PUNE

Internal Quality Assurance Cell Cluster Academic and Administrative Audit

Date of Visit:
17/08/2022

CERTIFICATE

Date of Issue:
18/08/2022

Certificate ID: WI6380

Being Awarded To

*Dr D Y Patil School of Engineering,
Pune*

As per NAAC guidelines the Academic & Administrative
Audit was administered by IQAC Cluster through
Principal/Experts/Academicians

FOR THE YEAR 2020-21 & 2021-22

Valid Till: 17/08/2023

Dr. Ayub Shaikh
Co-ordinator, Audit Cell, IQAC Cluster



Mr. Peeyush Pahade
President, IQAC Cluster

Gender Audit



IQAC Cluster
Reg No. MAH/236/2021/PUNE

Internal Quality Assurance Cell Cluster Gender Audit

Date of Visit:
17/08/2022

CERTIFICATE

Date of Issue:
18/08/2022

Certificate ID: WI6381

Being Awarded To

*Dr D Y Patil School of Engineering,
Pune*

As per NAAC Gender equality and Sensitization guidelines the Gender Audit was
administered by IQAC Cluster's Gender Cell

FOR THE YEAR 2020-21 & 2021-22

Valid Till: 17/08/2023

Dr. Ayub Shaikh
Co-ordinator, Audit Cell, IQAC Cluster



Mr. Peeyush Pahade
President, IQAC Cluster

Environment Audit

GV/ENVT/12-22/131

Environment Audit Certificate

The study is conducted as per Indian and International Green Building Standards initiated in the capacity of an Accredited & Certified Green Building Professional

It is awarded for 2020-2021 and 2021-2022 (Analysed for 2 years) to the Esteemed Institution

Dr. D. Y. Patil Educational Enterprises Charitable Trust's

Ajeenkya D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk.) via Lohegaon, Pune – 411047

As part of the Institution's initiatives for a Healthy & Sustainable College the audit was conducted.
We appreciate the immense efforts taken by Staff and students towards the Environment Protection and Conservation.

Valid till December 2023


Ar. Nahida Shaikh

Architect, IGBC Accredited Professional, ISO Certified I. A. (IMS)
Assocham GEM Certified Professional (Regn. No. 22/718)

Project Head and Green Building Professional-Consultant

Sustainable Academe

Sustainability Department of Greenvio Solutions, Naigaon
An environment Design and Consultancy developing Healthy and Sustainable Env
sustainableacademe@gmail.com | greenviosolutions@gmail.com



Energy Audit

GV/EA/12-22/127

Energy Audit Certificate

The study is conducted as per Indian and International Green Building Standards initiated in the capacity of an Accredited & Certified Green Building Professional

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Ajeenkya D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk.) via Lohegaon, Pune – 411047

As part of the Institution's initiatives for a Healthy & Sustainable College the audit was conducted.
We appreciate the immense efforts taken by Staff and students towards the Energy Management and Conservation.

Valid till December 2023


Ar. Nahida Shaikh

Architect, IGBC Accredited Professional, ISO Certified I. A. (IMS)
Assocham GEM Certified Professional (Regn. No. 22/718)

Project Head and Green Building Professional-Consultant

Sustainable Academe

Sustainability Department of Greenvio Solutions, Naigaon
An environment Design and Consultancy developing Healthy and Sustainable Environments
sustainablecademe@gmail.com | greenviosolutions@gmail.com



Green Audit

GV/GA/12-22/ 130

Green Audit Certificate

The study is conducted as per Indian and International Green Building Standards initiated in the capacity of an Accredited & Certified Green Building Professional

It is awarded for 2020-2021 and 2021-2022 (Analysed for 2 years) to the Esteemed Institution

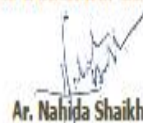
Dr. D. Y. Patil Educational Enterprises Charitable Trust's

Ajeenkya D. Y. Patil School of Engineering

Dr. D. Y. Patil Knowledge City, Charholi (Bk.) via Lohegaon, Pune – 411047

As part of the Institution's initiatives for a Healthy & Sustainable College the audit was conducted.
We appreciate the immense efforts taken by Staff and students towards the Efficient Management of Premise.

Valid till December 2023



Ar. Nahida Shaikh

Architect, IGBC Accredited Professional, ISO Certified I. A. (IMS)

Assocham GEM Certified Professional (Regn. No. 22/718)

Project Head and Green Building Professional-Consultant

Sustainable Academe


Sustainability Department of Greenvio Solutions, Naigaon

An environment Design and Consultancy developing Healthy and Sustainable Environments

sustainableacademe@gmail.com | greenviosolutions@gmail.com



5. Quality Initiatives Benchmark set by IQAC – 2021-22 along with outcome:

A Model of Institute Academic Calendar							
 D Y PATIL GROUP <small>Dr D Y Patil School of Engineering, Lohegaon, Pune</small>		"Empowerment through Quality Technical Education" Dr D Y Patil School of Engineering D Y Patil Knowledge City, Charoli (Bk), Via Lohegaon, Pune 412105					
		Academic Calender 2022-23 [Tentative]				Form No: IQAC/01	
JUNE 2022							
SUN	MON	TUE	WED	THU	FRI	SAT	
		1	2	3	4	5	a-b
6	7	8	9	10	11	12	c-d
13	14	15	16	17	18	19	e-f
20	21	22	23	24	25	26	g
27	28	29	30				
JULY 2022							
SUN	MON	TUE	WED	THU	FRI	SAT	
				1	2	3	a-b
4	5	6	7	8	9	10	c-d
11	12	13	14	15	16	17	e-f
AQAR Activity Calendar 2021-22							
a. Principal Meeting with CEO & HoDs regarding SPPU PR/OR/TH examination b. Admission Committee Meeting for formation of committees c. Meeting for finalization of Brochure, forms & Banners for admission process d. Meeting on Admission Process UG & PG e. Meeting of HoDs with Principal & IQAC for Department Annual Planning. f. Meeting of AQAR Criteria Coordinators with Principal & IQAC for Preparation of AQAR 2021-22 g. 5 Days (30 hours) Faculty development Program /Workshop for Teaching from department of E&TC Enggining							
a. A.Y. 2020-21 Teacher diary submission b. First Meeting of College Development Committee [CDC] c. Meeting for Annual Budget & New staff identification & advertismnt d. Dead stock Verification e. Staff Performance appraisal f. Load Distribution & Time table g. Service book updation h. 5 Days (30 hours) Faculty development Program /Workshop for Teaching from							

NAAC_AQAR_2021-22 Activity

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Criteria Colour Codes						
1						
2						
3			CR-I			
4			CR-II			
5			CR-III			
6			CR-IV			
7			CR-V			
8			CR-VI			
9			CR-VII			
10						
June 2021	Date	Day	Metric No.	Activity Title	Department	Activity Coord
SAMPLE			1.2.3	Add on Course on Data Analytics	E&TC	Prof. Prajakta
SAMPLE			3.5.2	A Webinar on "BE Projects-Do's and Don'ts: Selection to Implementation	Computer	Dr.Sunil Rath
14	1	TUE				
15	2	WED				
16	3	THU				
17	4	FRI				
18	5	SAT				
19	6	SUN				
20	7	MON				

NAAC_AQAR_2021-22 Activity

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143	2	SAT				
144	3	SUN				
145	4	MON	1.2.3	Workshop on "Python Progaming " for SE, AIDS & Comp	Comp & Aids	Prof Visahl Borate
146	4	MON	1.2.3	Workshop on "Data Science " for TE, Comp	Comp & Aids	Prof Visahl Borate
147	4	MON	1.2.3	EnTC Dept add on Data science for TE	EnTC	Prof.Rashmi Mah
148	4	MON	1.2.3	Mech Dept "name not mentioned " for BE students	Mech	Prof.Paresh Khair
149	4	MON	1.2.3	Civil Dept will plan 42 hrs workshop on "Handson AutoCAD software in Designing Civil Engineering Projects"	Civil	Prof. Ahinsak Tak
150	4	Mon	5.4.1	Webinar on business development	Comp	Prof Ajita Mal
151	5	TUE	3.1.1	Sancion letter of PEERS India EU Project	E & TC	Dr. Saniya Ans
152	6	WED				
153	7	THU	5.4.1	How to prepare for Competitive Exam	Civil	Prof Ahinsak
154			3.2.2	Seminar on "The Research Methodologies for Engineering Applications"	Computer	Dr. Sunil Rath
155	8	FRI	6.3.3	Industry Academia Interaction Program	Civil	Miss Aishwar
156	9	SAT	5.1.3/5.4.1	Webinar on Soft Skill	E & TC	Ashwini Sayk
157	10	SUN				
158	11	MON	1.3.1	Workshop on Professional Ethics SE & TE students Comp & AIDS	Comp & Aids	Prof Visahl Borate
					All	

NAAC_AQAR_2021-22 Activity ☆ Saved to Drive

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	A	B	C	D	E	F	G	
154	8	FRI	3.2.2	Seminar on "The Research Methodologies for Engineering Applications"	Computer	Dr. Sunil Rathod	Prof. Monika Madam	Dr.Saniya
155			6.3.3	Industry Academia Interaction Program	Civil	Miss Aishwarya Vitkar	Dr.Rajesh Katdare	Dr. S.M. F
156	9	SAT	5.1.3/5.4.1	Webinar on Soft Skill	E & TC	Ashwini Saykar	Dr. Rashmi Mahajan	Prof Roh
157	10	SUN						
158	11	MON	1.3.1	Workshop on Professional Ethics SE & TE students Comp & AIDS	Comp & Aids	Prof Visahl Borate	Prof Monika Dangore	Dr.Pankaj A
159	12	TUE	2.3.1	Arrange lectures of industry experts. Minimum 2 per semester	All Departments (Except FE)	All departmental Cr-II Coordinators	All departmental IQAC Coordinators	Dr. Rash
160	13	WED	6.3.3	Fdp On "E-Filing Of IT Returns"	E&TC	Prof. Sayali Mane	Dr. Rashmi Mahajan	Dr. S.M. F
161	14	THU	3.2.2	One day workshop on 2D & 3D model design using CATIA V5	E & TC	Dr. Saniya Ansari	Dr. Rashmi Mahajan	Dr. Saniya
162	15	FRI	1.2.3	Add on Course on "Career opportunities in CNC Programming" for BE Mechanical	MECH	Dr.D.S.More	Prof S B Jadhav	Dr.Pankaj
163	15	FRI	1.2.3	Add on Course on "Revit Architecture" for TE Civil	Civil	Prof. Ahinsak Taksande	Dr.Rajesh Katdare	Dr.Pankaj
164	15	FRI	1.2.3	Basic and advanced learnings on ETAB" for the class TE & BE civil engineering department	Civil	Prof. Ahinsak Taksande	Dr.Rajesh Katdare	Dr.Pankaj
165	16	SAT						
166	17	SUN						
167	18	MON	5.1.3/5.4.1	webinar on Enterpreneurship	E&TC	Ashwini Saykar	Dr. Rashmi Mahajan	Prof Roh
168	19	TUE	6.3.3	Cyber Security for Teaching	E&TC	Prof. Sayali Mane	Dr. Rashmi Mahajan	Dr. S.M. F
169	20	WED	6.3.3	Cyber Security for Non-Teaching	E&TC	Prof. Sayali Mane	Dr. Rashmi Mahajan	Dr. S.M. F
170	21	THU						
171	22	FRI	6.3.3	Use of Google Doc (Non- Teaching)	Comp	Prof. Monika Dangore	Prof. Monika Dangore	Dr. S.M. F

A.Y. 2021-22_ IQAC Activity Master Calender CR_I CR_II CR_III CR_IV CR_V Explore

Benchmark Set by IQAC during 2021-22

Quality Assurance in Academics & Administration

- **Outcome Based Planning, Implementation & Supervising**
- **Development & Application of Quality Benchmarks for Internalization of Quality Culture**
- **Institutionalization of the Best Practices**

Quality Assurance in Academics & Administration

Outcome Based Planning

- 1. Student Centric**
- 2. Staff Centric**
- 3. Institute Centric**

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 <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>
Arts, Sports, Cultural etc	3% Students should find the field of their interest.

Staff Centric Outcome Based Planning

- **Financial & Infrastructural Support to teachers for Research, Innovations, Publications, Patents & Consultancy etc.**
- **Increased Financial assistance to attend Conferences ,Workshops & Membership fees of Professional bodies.**
- **Successful implementation of Staff Welfare Scheme.**
- **HR Policy & its implementation**
- **Implementation of Appraisal System for Staff.**
- **Regular Professional Development & Training Programs for faculties & staff .**
- **Performance Appraisals & Faculty Promotions.**

Institute Centric Outcome Based Planning

- **Revision in Perspective and Strategic Plan & its Successful implementation:**
NAAC-A+, Permanent Affiliation, 2(f),12(B) Recognition, NBA, Autonomy
- **Institute Preparedness to National Education Policy 2020 :** As per guidelines of SPPU
Holistic and Multidisciplinary approach with light but tight regulations
- **Linkages, Collaborations & International MoUs**
- **Successful implementation of institutional best practices**
- **Institutionalization of Quality Culture**
- **Strengthen eco-friendly practices and conduct regular audits**

Outcome achieved by IQAC during 2021-22

Academic Departments Activity Summary: 2021-22 (Activities planned in Institute Academic Calendar, IQAC Plan of action & Activities suggested in DAB Meeting)

Departments	Activities Planned	Activities Conducted	% Attainment
Engg. Science	51	47	92.15%
Computer Engg	49	46	93.87%
E&TC Engg	49	47	95.91%
Mechanical Engg	49	46	93.87%
Civil Engg	49	47	95.91%
AI & DS	49	45	91.83%

Institute Cell & Committees Activities 2021-22

Cell	Activities Planned	Activities Conducted	% Attainment
R&D	5	3	60%
TBI	3	2	70%
IPR	3	2	70%
T&P	30	35	100%
Alumni	2	1	50%
IIC	6	3	50%
EDC	4	2	50%
Internship	2	2	100%

Statutory & Non-Statutory Committees A.Y. 2021-22

Activities Planned	Activities Conducted	% Attainment
79	75	94.93%

AQAR 2021-22 Activity Summary

Criteria No.	AQAR 2021-22 Activity Completion Status : Updated on : 28/6/2022
I	Curricular Aspects: Number of Activities Planned: 22 , Number of Activities Conducted: 20 , Attainment% = 90.90%
II	Teaching-Learning and Evaluation: Number of Activities Planned: 35 , Number of Activities Conducted: 31 , Attainment% = 91.52 %
III	Research, Innovations & Extension: Number of Activities Planned: 40 , Number of Activities Conducted: 36 , Attainment%- 90.00%
IV	Infrastructure and Learning Resources: Number of Activities Planned: 03 , Number of Activities Conducted: 03 , Attainment% = 100%
V	Students Support and Progression: Number of Activities Planned: 26 , Number of Activities Conducted: 26 , Attainment% - 100%
VI	Governance, Leadership and Management: Number of Activities Planned: 20 , Number of Activities Conducted: 20 , Attainment% - 100%
VII	Institutional Values and Best Practices: Number of Activities Planned: 26 , Number of Activities Conducted: 26 , Attainment% - 100 %

6. Feedback Mechanism:

Stakeholders Feedback : A. Y. 2021-22

Institute obtains feedback on syllabus and its transactions from the following stakeholders

- i) The Students**
- ii) The Teachers**
- iii) The Parents**
- iv) The Alumni**
- v) The Employers**

Institute Initiates corrective action based on the responses received by communicating the same to the Board of Studies for possible consideration in revised syllabus.

Based on stakeholder responses, institute conducts relevant activities so as to bridge the gap and meet stakeholders requirements.

360 Degree Feedback : A. Y. 2021-22

- **Aim:**

To ensure quality assurance in academics and administration through performance assessment of the employees.

- **Objectives:**

The purpose of 360-degree feedback is to assess employees and understand their strengths and weaknesses for personal and organizational development. It aids in role clarity, potential appraisal, career planning, leadership, and team building.

- **Employee Feedbacks:**

- a] Director, Head of Departments and Registrar gives the feedback of Principal
- b] Principal gives the feedback of Heads of Departments and Registrar
- c] Heads of Departments gives the feedback of their department faculties and non-teaching staffs
- d] Department teaching and non-teaching staffs gives feedback of their Head of department.
- e] Registrar gives the feedback of admin/office staff
- f] Admin/office staff gives the feedback of Registrar

360 Degree Feedback Analysis (Summary): A. Y. 2021-22

Group	Overall Rating out of 5	No of respondents
Principal	4.8	10
Registrar	3.9	9
HoDs (Engg Science)	4.4	5
HoDs (Computer)	4.25	8
HoD (E&TC)	4.29	7
HoD(Mechanical)	4.83	6
HoD(Civil)	5	6
Poly Coordinator	2	2
Faculties (Engg Science)	2.85	1
Faculties (Computer)	4.39	1
Faculties (E&TC)	4.13	1
Faculties (Mechanical)	4.32	1
Faculties (Civil)	4.7	1
Non Teaching Staff	3.48	1
Admin/Office Staff	3.27	1
Average Institutional 360 Degree Feedback Rating	4.06	60

Analysis of the 360 Degree Feedback is communicated to higher authorities for the necessary action.

Student Satisfaction Survey [SSS] : A Y 2021-22

- A Y 2021-22: SSS conducted for SE, TE and BE Students
- First Year Students Survey will be conducted at the conclusion of Semester-II
- Total 21 Questions for SSS [20 Objective Questions and 01 Open-ended question]
- Students has to respond on a scale of 4 to 0
The Response of SSS is 3.02
- **Feedbacks are taken, analyzed, and action taken report is used for improvements**

7. Teaching – Learning Review:

Hybrid Mode of Teaching-Learning.

Feedback Mechanism with corrective actions for improvement in student centric curriculum delivery.

Average 95.32 % of Pass percentage in UG & PG Programmes for final year students.

8. Outcome attainment under OBE:

Mapping of CO-PO-PSO, Course Exit Survey, Programme Exit Survey.

Progressive increment in employability during the AY 2021-22.

9. Faculty Development Programs:

Following programs were organized for teaching and non teaching staff during AY 2021-22

Sr. No.	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	Dates (from-to)
1	Industry Academia Interaction Program	Teaching	23/03/2022-23/03/2022
2	Two day Workshop on " Adaptation of Technology for Teaching and Learning"	Teaching	17/05/2022-18/05/2022
3	Five Days Faculty Development Program on Machine Learning & Artificial Intelligence	Teaching	20/12/2021-27/12/2021
4	One Day Training Program on Professional Ethics and Personality Development for Teaching Staff	Teaching	03/03/2022-03/03/2022
5	One Day Training Program on use of LMS	Teaching	20/10/2021-20/10/2021
6	Two days MATLAB workshop for teaching staff	Teaching	24/02/2022-25/02/2022
7	One day training program on " CO-PO-PSO's Attainment "	Teaching	08/09/2021-08/09/2021
8	Five Days Faculty Induction Program-21-22	Teaching	23/08/2021-27/08/2021

9	Five Days Faculty Induction Program-22-23	Teaching	22/08/2022-26/08/2022
10	Workshop on "Cyber Suraksha"	Teaching	04/12/2022-04/12/2022
11	Workshop on "Cyber Suraksha"	Non-Teaching	11/12/2022-11/12/2022
12	Workshop on "Personality Development"	Non-Teaching	11/03/2022-11/03/2022
13	Learning basics of Autocad 2D and 3D	Non-Teaching	12/04/2022-12/04/2022
14	One Day Training Program on Excel and Google Docs for Non Teaching Staff	Non-Teaching	21/02/2022-21/02/2022
15	One day "Remedial English Class for Non-teaching Staff on functional English and Grammar	Non-Teaching	24/02/2022-24/02/2022
16	One day training program on " Effective Team building and Teamwork "	Non-Teaching	17/09/2021-19/09/2021
17	One day training program on use of ERP	All	12/01/2022-12/01/2022
18	Virtual Lab Training	All	22/04/2022-22/04/2022
19	National Webinar on NEP -2020	All	30/04/2022-30/04/2022

10. Accreditation Initiatives:

Standardization of the Policies and Process Manuals

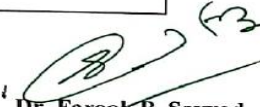


"Empowerment through quality technical education"
Dr D Y Patil Educational Enterprises Charitable Trust's
Ajeenkya D Y Patil Group of Institution's Technical Campus
Dr D Y PATIL SCHOOL OF ENGINEERING
(Approved by AICTE, New Delhi Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)
AISHE Code: C-46648 DTE Code: EN6732 SPPU PUN Code: CEGP015720
(Accredited by NAAC)

List of Policies & Process Manuals

Sr. No.	Name of Policy
1	Internal Quality Assurance Policy
2	HR Policy
3	Staff Policy
4	Staff welfare Policy
5	Infrastructure Policy
6	Purchase Policy
7	Resource Mobilization Policy
8	e-Governance Policy
9	Library Policy
10	Mentoring Policy
11	R&D Policy
12	R&D Incentive Policy
13	R&D Plagiarism Policy
14	Consultancy Policy
15	Internship Policy
16	Training & Placement Policy
17	Industry Institute Interaction Policy
18	Alumni Policy
19	Specially abled Policy
20	Scholarship Policy
21	Gender Policy
22	Students Grievance Redressal Policy
23	Staff Recruitment Policy(In Process)
24	SC/ST/OBC Grievance Redressal Policy
Process Manuals	
1	Slow & Advanced Learner Manual
2	CO-PO-PSO Mapping Manual
3	Mechanism for Internal Assessment
4	Mechanism to deal with Grievances related to internal examinations
5	SOP for ban on use of plastic


Mr. Riyaj Kazi
IQAC Coordinator


Dr. Farook B. Sayyad
Principal

Dr Ajeenkya DY Patil Knowledge City, Charholi (Bk), Via - Lohegaon, Pune-412 105
Ph: (020) 67077921/22 • Email: principal_dypsoe@dypic.in • Website: www.dypic.in

IQAC Academic & Administrative Standard Formats

Sr. No.	Form No	Form Name
1	IQAC/1(a)	Institute Academic Calendar YYYY-YY
2	IQAC/1(b)	Department Academic Calendar YYYY-YY
3	IQAC/2	IQAC Plan of Action YYYY-YY
4	IQAC/3	AQAR Activity Calendar YYYY-YY
5	IQAC/4	Department Advisory Board
6	IQAC/5	Subject Choice
7	IQAC/6	Load Distribution
8	IQAC/7	Master Time Table
9	IQAC/8	Individual Time Table
10	IQAC/9	Teachers Diary
11	IQAC/10	Course File Index
12	IQAC/11	Teaching Plan
13	IQAC/12	Practical Plan
14	IQAC/13	Tutorial Plan
15	IQAC/14	Daily Monitoring Report
16	IQAC/15(a-f)	Students Mentoring Book
17	IQAC/16	Students Feedback Form
18	IQAC/17	Feedback Summary
19	IQAC/18(a)	Assignment
20	IQAC/18(b)	Unit Test Question Paper
21	IQAC/19	Faculty Feedback
22	IQAC/20	Students attendance report to parents
23	IQAC/21	Academic Progress Report
24	IQAC/22	Minutes of Meeting
25	IQAC/23	Result Analysis
26	IQAC/24 (a)	Event permission with budget
27	IQAC/24 (b)	Add on course permission with budget
28	IQAC/25	Event Notice
29	IQAC/26	Event Committee
30	IQAC/27	Event Schedule
31	IQAC/28	Event Attendance
32	IQAC/29	Event Feedback
33	IQAC/30	Event Report
34	IQAC/31	Event Expenses
35	IQAC/32	Event Thanks Letter
36	IQAC/33	Students Feedback on Curriculum
37	IQAC/34	Teacher Feedback on Curriculum
38	IQAC/35	Employer Feedback on Curriculum
39	IQAC/36	Alumni Feedback on Curriculum
40	IQAC/37	Parent Feedback Form
41	IQAC/38	Alumni Information Form

42	IQAC/39	CO-PO-PSO Mapping & Attainment
43	IQAC/40	Slow and Advanced Learner
44	IQAC/41	IQAC – Star Performer of the month
45	IQAC/42	Teaching Staff Occupancy Report
46	IQAC/43	ADYPSOE Budget

IQAC Initiative on awareness on Revised SSR Framework & Documentation.

IQAC Initiatives on understanding the challenges & opportunities in implementation of National Education Policy 2020 & its inclusion in AQAR & SSR.

IQAC Initiative in registering institute with IQAC Cluster India for timely updates, guidance and quality audits.

IQAC initiative on Gap Analysis and Corrective action for improving the institutional quality.

Institute initiative in procuring ICT infrastructure to comply with the requirement of blended learning.

IQAC initiative to encourage staffs to attend NAAC related seminars & workshops.

IQAC initiatives in conducting academic & administrative audits, gender audit, environment audit, green audit, energy audit and financial audit during the AY 2021-22.

11. Student Enrichment Program:

Following workshops / programs were organized for the enrichment of the students

Sr. No.	Name of Technical Event
1	Two Days Workshop on "Research Opportunities and Innovation in Civil Engineering Field"
2	Webinar On"Application of Engineering Geophysics for Geotechnical Problem
3	A Guest Lecture on "Artificial intelligence in Civil Engineering"
4	FDP on "Machine Learning & Artificial Intelligence"
5	Hands on Python Workshop with Applications and Cloud Deployment
6	Guest Lecture on "Research Methodology: From Innovation to Implementation"
7	A Guest Lecture on "How to become an Entrepreneur"
8	Guest Lecture On "Tech-Buzz of IoT and Startup-Business"
9	Introductory session for students on latest technologies
10	Major emerging Skill Competitive Coding
11	One day seminar on Reserach Paper Writing and Publications
12	National Level Webinar on Intellectual Property rights
13	National Level Workshop on Multidisciplinary Research Proposal Writing
14	Training session/Demonstration on 3D Metrology
15	National level two days workshop on 'Robotics and Automation using MATLAB Toolbox
16	Guest Lecture On Artificial Intelligence
17	Guest Lecture On Data Science
18	Webinar on "Machine learning using Python
19	30 hours workshop on Machine learning Hands on Activity
20	webinar on "Cyber Security
21	AWS Cloud Hands on Activity
22	Cyber Secure India AwarenessCampaign-2021
23	2 days Workshop on "Selenium Tool
24	A Seminar on "ICT LMS"
25	Guest Lecture on "Software Testing tools Jmeter & Juni
26	Guest Lecture on "Theory of Computation- Context Free Grammar
27	Guest Lecture on "Advance Analytics Technology and Tools
28	A Guest Lecture on "Classification in Data Analytics"
29	Guest Lecture on Computer Network and Security
30	Guest Lecture on Theory of Computation
31	Guest Lecture on Discrete Mathematics

32	Seminar on "How to bridge gap between academics and industry(Technical)"by Alumni
33	Webinar on PCB Design & Layout
34	Webinar on Additive Manufacturing Technology
35	Webinar on "Team Building for Go-Kart"
36	Job Opportunities: IT Vs Mechanical By KCad Solutions
37	Guest lecture on Piping by Asian Academy of Professional Training
38	One day workshop on CATIA V5
39	Training session on 3D Metrology
40	Guest lecture on Engineering Graphics
41	Guest lecture on "Application of ICT tools for teaching and learning process."
42	Webinar on Application of Engineering Geophysics for geotechnical problems.
43	Seminar on Data science, Analytics And Machine Learning
44	Seminar on importance and guidance of Data base management system
45	Guidance and Technical session on E-Yantra Robotics competition
46	Seminar on Data science, Analytics And Machine Learning
47	Soft skills required for Engineering student
48	Webinar on Soft Skill importance
49	Webinar on "Soft Skills & Placement Talk"
50	Webinar on "Soft Skills and Technical Knowledge"
51	Seminar on Soft skills required for Engineers
52	Webinar on "Personality Development Program"
53	Yoga and meditation for health and well being
54	Seminar on Human ethics
55	Right to live for Everyone on Occasion of Zero discrimination day
56	How to develop positive approach towards the competitive exams
57	Webinar on "GATE Awareness"
58	Webinar on "Competitive Exam Preparation"
59	How to prepare MPSC/UPSC during graduation.
60	Strategy for MPSC Engineering Services.
61	Webinar on "Opportunities in Civil Services"
62	Webinar on "Career Opportunities after Engineering"
63	Research opportunities and Innovation in Civil Engineering field
64	Opportunities of Higher Education and Research abroad
65	Know Civil services
66	Webinar on Higher Study Opportunities Abroad
67	Guest Lecture on Abroad Study for Engineers

68	Webinar on “Business Development	
69	Entrepreneurship :Journey to Digital marketing	
70	Seminar on Entrepreneurship from Engineer's point of view	

12. Research, Innovations, Patents and Consultancy:

Research Projects: Received research grant of 43 Lakh.

Research Publications: 29 Papers Published in UGC Care List/Scopus Index

Books Publications: 12 Books Published by faculties

Patents filed by faculties: 08

Patents Published: 06

Patents Granted: 02

Consultancy Projects Completed: 72 Projects, 62 Clients

MoUs signed with institutions/Industries: 20 MoUs

13. NEP Preparedness of the Insitution:

NEP Awareness Programs conducted during 2021-22

Institute Preparedness to NEP 2020

- IQAC had organized NEP 2020 Awareness Webinar to disseminate the objectives of NATIONAL EDUCATION POLICY [NEP-2020]
- 329 participants of 17 states benefited.

"Empowerment through quality technical education"

Dr D Y Patil School of Engineering
D Y Patil Knowledge City, Charholi (Bk), Via Lohegaon, Pune 412105
Affiliated to S. P. Pune University Pune, MSBTE, Approved by AICTE & DTE
(Accredited by NAAC, NABL & ISO 9001:2015 & 21001:2018 Certified Institute)

Internal Quality Assurance Cell (IQAC)
Invites you to online National Level Webinar on

"NATIONAL EDUCATION POLICY [NEP-2020]: Matching Vision with Reality"

on
Saturday, 30/04/2022 at 11:00 AM



Chief Patron
Dr. Ajeenkya D Y Patil
Chairman



सत्यमेव जयते

Mode of Conduction - Online: Microsoft Team
&
YouTube Live Streaming



Resource Person
Dr. S. Sankar
M.A., M.Phil., Ph.D
(Retired Principal, Akkineni Nageswara Rao College)
&
Advisor- IQAC CLUSTER INDIA
Vijayawada, Andhra Pradesh.

Organizing Team
Prof. Rohini S. Gadgil
& CR-VI Team

IQAC Coordinator
Prof. Riyaj Kazi

Convener
Dr. Kamaljeet Kaur Sidhu
Director
Dr. Farook Sayyad
Principal

Patron
Dr. E. B. Khedkar
Vice President
Dr. Sushant Patil
Trustee

Takeaways communicated to the stakeholders

Key Takeaways of NEP 2020

- **Holistic and Multidisciplinary Education with light but tight regulations**
- **All HEIs will move to full autonomy- academic & administrative.**
- **A National Research Foundation to fund research**
- **By 2040, all HEIs shall become multi-disciplinary with thousands of student enrolments.**
- **In 15 years 'affiliated colleges' will be phased out through a graded system of autonomy.**
- **Engineering, will move to holistic education with more arts & humanities.**
- **Academic Bank of Credit (ABC) to digitally store the academic credits of students.**
- **Focus on research & innovation start-up & incubation, technology development, frontier areas research centers - industry - academic linkages**
- **Scientific Assessment methods.**
- **Effective Governance and Leadership for Higher Education Institutions.**

13. Institute Preparedness for NEP

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 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 (2022-23)

The institute plan of action for the next academic year 2022-23 includes the following:

1. Institute preparedness to National Education Policy 2020: Time bound perspective plan.
2. Compliances in regard with 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 relationship and engagement.
6. To strengthen industry linkages and collaboration.
7. To set up centers of excellence in robotics, IoT, Data Mining.
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 number of seminars, conferences and workshops on recent trends of National and International importance.
13. To encourage students representation & participation in various committees.
14. To ensure more than 90% placement of eligible students in reputed organization 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 staffs.
17. To strengthen eco-friendly practices and conduct regular audits.
18. To revise the institutional best practices & distinctiveness.
19. To establish innovation ecosystem
20. To create awareness & increase the consultancy projects.
21. To understand the institute challenges & opportunities in view of accreditation, NEP 2020 & Digital University and prepare a roadmap & initiate actions to remain competent considering the new reforms in global education ecosystem.