



## YEARLY STATUS REPORT - 2020-2021

### Part A

#### Data of the Institution

<b>1.Name of the Institution</b>	
	DR D Y PATIL EDUCATIONAL ENTERPRISES CHARITABLE TRUSTS DR D Y PATIL GROUP OF INSTITUTIONS DR D Y PATIL SCHOOL OF ENGINEERING
• Name of the Head of the institution	Dr. Farook Sayyad
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02035037922
• Mobile No:	9422646654
• Registered e-mail	principal_dypsoe@dypic.in
• Alternate e-mail	farooksayyad@dypic.in
• Address	Dr. D. Y. Patil Knowledge City, Charholi(Bk.) via Lohegaon, Pune.
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	412105
<b>2.Institutional status</b>	
• Type of Institution	Co-education
• Location	Urban

• Financial Status	<b>Self-financing</b>				
• Name of the Affiliating University	<b>Savitribai Phule Pune University</b>				
• Name of the IQAC Coordinator	<b>Mr Riyaj Latifuddin Kazi</b>				
• Phone No.	<b>02035037922</b>				
• Alternate phone No.	<b>9881839335</b>				
• Mobile	<b>9175819682</b>				
• IQAC e-mail address	<b>iqac_dypsoe@dypic.in</b>				
• Alternate e-mail address	<b>riyaj.kazi@dypic.in</b>				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="https://www.dypsoe.in/iqac/AQAR2019-20.pdf">https://www.dypsoe.in/iqac/AQAR2019-20.pdf</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.dypsoe.in/iqac/Academic_Calendar_%20A.%20Y_2020_21.pdf">https://www.dypsoe.in/iqac/Academic_Calendar_%20A.%20Y_2020_21.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B+</b>	<b>2.61</b>	<b>2018</b>	<b>03/07/2018</b>	<b>02/07/2023</b>
<b>6.Date of Establishment of IQAC</b>			<b>19/07/2016</b>		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
<b>Department of Electronics &amp; Telecommunication Engineering, Dr. Saniya Ansari</b>	<b>India EU water cooperation</b>	<b>DBT, India</b>	<b>May 2020-May 2023</b>	<b>4376015.00</b>	

<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>• Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>	
<b>9. No. of IQAC meetings held during the year</b>	<b>6</b>	
<ul style="list-style-type: none"> <li>• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>	
<ul style="list-style-type: none"> <li>• If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<a href="#">View File</a>	
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	<b>No</b>	
<ul style="list-style-type: none"> <li>• If yes, mention the amount</li> </ul>		
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>1. Regular meeting of Internal Quality Assurance Cell (IQAC); Outcome based planning, Feedback collected, analyzed and used for improvements. 2. NIRF participation 3. Quality initiatives for students and teaching faculties 4. AQAR prepared and submitted 5. Quality Audits &amp; Participation in India Today Ranking</p>		
<b>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>		

Plan of Action	Achievements/Outcomes
Meeting for discussion on plan of Action prepared by IQAC for A. Y. 2020-21	A meeting is conducted on 03/06/2020. The plan of action was discussed and the suggestions of IQAC members are noted for consideration in revised plan of action
Approval of Plan of action	The updated plan of action is discussed and approved on 09/06/2020
Preparation and Checking of Course file [e-Content ] with CO-PO Mapping	All Programme HoDs have checked the course files of faculties with e-contents and verified the CO-PO Mapping
Review of result analysis and corrective action	University Results of Semester-II are analyzed and corrective actions has been taken
Identification of Slow and Advanced Learners	Activities conducted for slow and advanced learners to ensure higher percentage of advanced learners
To conduct minimum two internal examination for each subject for indirect assessment and for continuous assessment.	Conducted internal examinations in online mode by each department in semester-I and II as a part of indirect assessment and continuous assessment.
To attend national seminars by Faculties	Three hundred thirty three national seminars attended by faculties
To attend international seminars by Faculties	Thirteen international seminars attended by faculties
To attend Workshops and Conferences by Faculties	Sixty four Workshops and Conferences are attended by faculties
To Publish research papers in the Journals notified on UGC website	One Hundred fourteen research papers published by faculties in the Journals
Research contribution to Scopus	Sixteen Number of Research

by faculties	contribution to Scopus by faculties
To publish books by faculties	Ten books published by faculties during the year
To conduct faculty development programs	Six faculty development programs conducted during the year
To participate in faculty development programs either in college or outside	Eighty Six faculties participated in faculty development programs
Faculties to undertake research projects	One research projects with a research grant of Forty Three Lakh is undertaken by Dr. Saniya Ansari
Faculties to undertake consultancy projects	Eight consultancy projects were undertaken by departments
Patents to be filed by faculties	Two Patents filed during the year
Patents to be published & receive grants for patents by the faculties	Two Patents Published and grants received
To conduct seminars for stakeholders during the year	Twenty eight seminars conducted during the year.
To conduct capacity building programs/workshops/training programs for students	Twenty Six programs conducted on Capacity building/Skill Development
To initiate collaborative activities for research, Faculty exchange, Student exchange/ internship during the year	Students participated in thirteen internship/collaborative programs during the year.
To sign MoUs with institutions, other universities, industries, corporate houses etc. during the year	Five MoUs are signed and are functional during the year.
To offer Add on /Certificate programs for students	Two add on/Certificate programs are offered for the students
To encourage students for undertaking project work/field	Thirty eight students have participated in project

work/ internships	work/field work/ internships
To conduct Extension and Outreach Programs	Four programs conducted during the year in online mode
To conduct activities to offer guidance for competitive examinations	Four programs conducted and 1120 students benefited
To achieve 95% campus placement of eligible & interested candidates with good package.	182 students i.e. more than 85% eligible students placed during the year.
To prepare and submit AQAR of A. Y. 2019-20 to NAAC	AQAR of A. Y. 2019-20 Submitted to NAAC
To take feedback on Curriculum and its transaction from Students, Teachers, Alumni and Employers	Feedback taken, analyzed, and action taken report prepared and communicated Board of Studies. Report uploaded on website.
Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities	Institute has conducted thirty two activities/programs for Sensitization of students and employees of the Institution on various issues and topics
To conduct students satisfaction survey	Students Satisfaction Survey conducted. 76% of the students responded to survey. The most occurring expectations, observations, and suggestions are communicated to the head of the institute for necessary action and the same has been uploaded on website.
To conduct Internal assessment of eco-friendly campus environment and its sustainability	Institute has conducted the internal assessment. The assessment covered the observations with respect to: <ul style="list-style-type: none"> <li>• Water resources and management</li> <li>• Energy resources and management</li> <li>• Waste generation and management</li> <li>• Safety management</li> <li>• General Sanitation</li> <li>• Biodiversity &amp; Adopted Green</li> </ul>

	Practices
To Participate in NIRF Submission/Auditing for NIRF	Participated in NIRF and report Submitted to MHRD
To Participate in India Today Ranking 2022	Institute has Participated in India Today Ranking 2022
To conduct an internal academic and administrative audit	Institute has Conducted Internal academic and administrative audit
To conduct an external academic and administrative audits	Institute has Conducted External academic and administrative audit
To conduct an internal & external financial audits	Institute has conducted an internal & external financial audits

<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
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<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>
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Name	Date of meeting(s)
College Development Committee	08/02/2022

<b>14. Whether institutional data submitted to AISHE</b>
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Year	Date of Submission
2020-21	10/01/2022

## Extended Profile

### 1. Programme

1.1 291

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	<a href="#">View File</a>



## 2.Student

2.1 1795

Number of students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

2.2 216

Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year

File Description	Documents
Data Template	<a href="#">View File</a>

2.3 524

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

## 3.Academic

3.1 82

Number of full time teachers during the year

File Description	Documents
Data Template	<a href="#">View File</a>

3.2 93

Number of Sanctioned posts during the year



## Extended Profile

### 1. Programme

1.1 Number of courses offered by the institution across all programs during the year	<b>291</b>
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File Description	Documents
Data Template	<a href="#">View File</a>

### 2. Student

2.1 Number of students during the year	<b>1795</b>
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File Description	Documents
Data Template	<a href="#">View File</a>

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	<b>216</b>
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File Description	Documents
Data Template	<a href="#">View File</a>

2.3 Number of outgoing/ final year students during the year	<b>524</b>
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File Description	Documents
Data Template	<a href="#">View File</a>

### 3. Academic

3.1 Number of full time teachers during the year	<b>82</b>
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File Description	Documents
Data Template	<a href="#">View File</a>

3.2	93
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### 4. Institution

4.1	23
Total number of Classrooms and Seminar halls	
4.2	179.20298
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	465
Total number of computers on campus for academic purposes	

### Part B

#### CURRICULAR ASPECTS

##### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Institute is established in 2008-09 and approved by AICTE and affiliated to Savitribai Phule Pune University. Institute develops and practices effective teaching and learning process through plan of action for implementation and curriculum delivery to provide outcome based education .The institution follows the academic calendar & curriculum recommended by University. Before commencement of the semester; Principal conducts a meeting with IQAC and all the heads of department for planning & effective implementation of the curriculum. IQAC Coordinator prepares an institute academic calendar considering academic and administrative activities of the institute. Department wise academic calendar is prepared by respective HoDs and it includes IQAC-AQAR activities. HoDs conducts the meeting with the faculty members to discuss the teaching load distribution, academic calendar, timetable, preparation of subject course resources, ,planning of industrial visits, expert guest lectures, Co-curricular and extra Co-curricular activities. Class teacher

informs to the student in advance about the subjects and its CO-PO, semester academic calendar, Time Table through email, notice-boards and website.

For effective implementation of the curriculum, the following process is developed and deployed, Every faculty prepares a teaching plan of their subjects. Faculty prepares extensive lecture notes from university prescribed text and references. Laboratory manuals are prepared so that students can refer practical's and correlate with theory. Student's attendance for individual course has been monitored by HoDs. Academic monitoring committee monitors these activities on daily basis. Regular teachers feedback from students is taken and used for improvement. At regular intervals unit test is conducted to evaluate the knowledge gained by the subjects. A Mentor is appointed for each batch of the class who is responsible for the student's wellbeing in academics. The institution has signed MOUs with relevant organizations to offer internships and provide necessary training related to skill development, entrepreneurship and employment. This helps in achieving the attainment of the Program Outcomes (POs) and Program Specific Outcomes (PSOs).

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://www.dypsoe.in/igac/111.pdf">https://www.dypsoe.in/igac/111.pdf</a>

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

IQAC prepares the academic calendar of the institute which is in adherence with the University calendar by considering Commencement and conclusion of semester-I & II, University declared holidays, Unit Tests, dates of In SEM and END SEM examination, Dates of PR/OR and Project Examinations and Institute level academic and administrative activities.

HoDs prepares departmental academic calendar in line with institute academic calendar. Academic progress report highlighting syllabus coverage is taken on every fortnight and necessary corrective action is taken. Department conducts staff meeting to ensure activities are carried out as per academic calendar. Department wise monthly attendance and defaulter list is prepared and communicated to students and parents. Mentor-Mentee meeting is

conducted twice in a semester in each department. The parent-teacher meeting is called once in a semester and overall performance of the students is communicated to parents and parents feedback and suggestions are used for improvement in curriculum delivery.

The Mock Practical and Orals examinations are conducted. Students academic performance in these tests is evaluated and used to identify the extra efforts required to improve results. Department conducts remedial classes for needy students. Course outcome are evaluated based on survey of course and student's performance in exams. All departments organizes co-curricular and extracurricular activities to supplement the curriculum. All departments carries out result analysis and gives the information to IQAC and seeks the guidelines from it for further improvement. Staff feedback from student is taken twice in a semester, analyzed and action taken for the improvement in effective teaching-learning process.

File Description	Documents
Upload relevant supporting documents	<a href="#">View File</a>
Link for Additional information	<a href="https://www.dypsoe.in/iqac/112.pdf">https://www.dypsoe.in/iqac/112.pdf</a>

<p><b>1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University</b></p>	<p>A. All of the above</p>
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File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**1.2 - Academic Flexibility**

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

8

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**1.2.2 - Number of Add on /Certificate programs offered during the year**

**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

2

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**

239

**1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year**

239

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

#### 1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The institute has been practicing Outcome-based Education (OBE) since 2014 onwards. The course outcomes (COs) form building blocks of OBE. The CO-PO-PSO mapping are being carried out to find the impact on curriculum, based on which a curriculum gap is identified and suitable actions have been taken to fill the gap. Program outcomes; PO6, PO7, PO8 and PO9 are difficult to achieve through the curriculum. Few departments curriculum covers issues in environment and sustainability. Institute staff and students are sensitized with these cross-cutting issues by organizing activities in the institute under the criteria-7, The Institutional values and best practices. Activities conducted addressing these issues integrates the mainstream cross-cutting issues relevant to Gender, Environment Sustainability, Human Values and Professional Ethics.

The institute provides ample number of opportunities to the female staff/students and treats all the gender with the same respect. Institute has taken initiatives and faculties have participated and successfully completed AICTE Sponsored 5 Days FDP on "Universal Human Values" to understand the importance of Values Education, Harmony in human being, Family, Society, Nature and existence. A large number of students participate in the NSS program for cleanliness, plantation of trees and encourage the farmers for organic farming. In order to enable students to strengthen their ethics, institute organize events on life skill, emotional intelligence, empathy, self-regulation and self-awareness.

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	<a href="#">View File</a>

#### 1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

19

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<a href="#">View File</a>
Number of courses that include experiential learning through project work/field work/internship (Data Template)	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

1258

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
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File Description	Documents
URL for stakeholder feedback report	<a href="#">View File</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	<a href="#">View File</a>
Any additional information(Upload)	<a href="#">View File</a>

<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>A. Feedback collected, analyzed and action taken and feedback available on website</b>
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File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://www.dypsoe.in/igac/142.pdf">https://www.dypsoe.in/igac/142.pdf</a>

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of sanctioned seats during the year**

**442**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

**192**

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File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

In first year, students are admitted on the basis of HSC marks along with CET/JEE scores. Hence, after one month, students' performance is analyzed. Due to pandemic situation the students are assessed by conducting MCQ examinations, presentations, online quizzes etc. at first year and second year onwards class tests, continuous internal assessment etc. are the tools used to identify learning level of the students.

For slow learners remedial classes, problem solving sessions, extra sessions are conducted. The subject teacher provides notes, question banks to such students. Based on the need of the students revision of tough topic is carried out by the teacher. The teachers also gives assignments and helps the learners to solve previous question papers. The subject teacher gives personal attention to such students.

Advanced learners are encouraged to prepare and appear for the various competitive exams. They are encouraged to become a members of various professional bodies through which they organize technical events for the students. They are advised to participate in group discussions, technical quizzes to develop analytical and problem-solving abilities thereby improving their presentation skills. They are encouraged to conduct and participate in various activities to develop creativity. They are also organizing intercollegiate as well as national level technical symposiums.

File Description	Documents
Link for additional Information	<a href="https://dypsoe.in/igac/221.pdf">https://dypsoe.in/igac/221.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
1795	82

File Description	Documents
Any additional information	<a href="#">View File</a>

### 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

To enhance the learning experience of the students various methods are used such as interactive learning, collaborative learning and independent learning. The teachers' adopt different approaches or methods such as seminars, conferences and special lectures etc. to fulfil the requirements.

The study material and periodic assignments are also made available to the students for independent learning. This enables students to join prepared for the next classes. The questions are asked during the lecture to check their preparedness. This practice has led to better interaction with students leading to participative learning.

Various students' centric activities such as project work, field visit, industrial visit & guest lectures are required for experimental learning. But due to pandemic situation only the project work, online guest lectures of eminent experts from industry and academics and online internship are conducted. For project based learning, project work is assigned in two categories- mini project and majorproject which is essential element of each programme. The students were guided to select innovative projects based on latest topics and were asked to present their work.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://dypsoe.in/igac/231.pdf">https://dypsoe.in/igac/231.pdf</a>

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

All the teachers have been innovative and experimental while taking online lectures, due to the pandemic, using online platform of Microsoft (MS) Teams and LMS tool as front end to support MS teams. This platform has enabled teachers a simplistic and easy approach to communicate with their students. Using LMS teachers have given assignments, quizzes, polls etc. Also attendance can be downloaded after lecture which helps to maintain transparency during the record keeping. They have used PPTs, soft copies of notes, Pen Tablet to support, enhance and optimize the delivery of lectures. This has effectively impacted teaching - learning process.

Teachers are also using VLAB, NPTEL lectures, digital library resources to discuss practical and tutorials of various subjects. Animated videos, simulations of experiments are shared and discussed with all. The teachers have recorded their online lectures and shared the link with the students. The teachers are also identifying online resources & Webinars for self-learning. Lab Manuals are also posted in their subject channel which can give them clear understanding of the subject.

The various examinations are conducted using online platform. These platforms helped in result analysis of the examinations.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="https://dypsoe.in/igac/ict.pdf">https://dypsoe.in/igac/ict.pdf</a>

**2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )**

**2.3.3.1 - Number of mentors**

74

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
mentor/mentee ratio	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

### 2.4.1 - Number of full time teachers against sanctioned posts during the year

82

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

#### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

12

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	<a href="#">View File</a>

### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

#### 2.4.3.1 - Total experience of full-time teachers

385

File Description	Documents
Any additional information	<a href="#">View File</a>
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institute has an internal examination and assessment policy. At the beginning of the odd semester the meeting of academic committee is conducted. The Academic Calendar including dates of internal examinations is finalized by that committee.

Academic Calendar is circulated to HoDs, Staff and Students. The Department Academic coordinator along with Internal Exam coordinator prepares detail time table one week before the commencement of internal examinations.

The internal examinations planned as Unit Test-1 on Unit-1, Unit Test-2 on Unit-3 & 4 and Unit Test-3 on Unit-5 & 6.

To conduct the internal examinations with transparency, the nature of question paper is discussed before the internal examinations with students. The model answer sheet is given the students. The assessment done is explained to the students and areas of improvement are shown. Assessment of cases under grievances can be reassessed by another teacher / HoD. The question paper is discussed by the subject teacher with the students after internal examinations.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://dypsoe.in/igac/251.pdf">https://dypsoe.in/igac/251.pdf</a>

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

The institute has a mechanism to deal with grievances related with



internal examination.

In case the questions asked in unit tests are out of syllabus, the marks for such questions shall be given by the subject teacher.

Before assessment of answer sheets, the solution and marking scheme shall be submitted by subject teacher to the department examination coordinator.

If any student claims that he/she has been victimized while doing the assessment, HoD will direct the same faculty to re-assess or may appoint another faculty.

In case if the student is marked absent in the result sheet of Unit Tests in spite of being present in the exam, the subject teacher needs to verify the attendance sheet.

In case if student has faced network issue during uploading answer sheet to Microsoft Teams/LMS during unit tests, the subject teacher shall give extra time for uploading the file.

In case if there is MS Teams/LMS server down issue, the department examination coordinator has to reschedule that exam.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://dypsoe.in/igac/252.pdf">https://dypsoe.in/igac/252.pdf</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The programme and course outcomes for all the programmes offered by the institution are stated and displayed on the website of institute. POs and COs are communicated to teachers and students via a notice issued by the principal. POs are prominently displayed on the departmental notice board. The COs, POs & PSOs are discussed by the head of department in the departmental meeting with the teachers. COs are also kept in the course file of the subject teacher. At the start of teaching of a particular course the subject teacher explains POs and COs to the students.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://dypsoe.in/igac/261.pdf">https://dypsoe.in/igac/261.pdf</a>
Upload COs for all courses (exemplars from Glossary)	<a href="#">View File</a>

**2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.**

For the attainment of COs, POs and PSOs the tools of indirect assessment, direct internal assessment and direct external assessment are used. In indirect tool of assessment, the course exit survey is used. The course exit survey is conducted based on all six COs. In direct internal tool of assessment, marks of unit tests and continuous assessment marks of each students are used where as in direct external tool of assessment, the percentage result (university) of the subject and marks of Practical/Oral/Term-work are used. The weightage given for direct assessment (Internal) is 20% to tests and 10% to continuous assessment whereas 60 % to university result of subject and 10% to Practical/Oral/Term-work. CO attainment is calculated by giving 80% weightage to direct assessment and 20% to indirect assessment. Attainment of PSO is calculated by using level of PSO and level of CO attainment.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://dypsoe.in/igac/262.pdf">https://dypsoe.in/igac/262.pdf</a>

**2.6.3 - Pass percentage of Students during the year**

**2.6.3.1 - Total number of final year students who passed the university examination during the year**

524

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://dypsoe.in/igac/263.pdf">https://dypsoe.in/igac/263.pdf</a>

## 2.7 - Student Satisfaction Survey

**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)**

<https://dypsoe.in/igac/271.pdf>

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Resource Mobilization for Research

**3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

**3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

81.90

File Description	Documents
Any additional information	<a href="#">View File</a>
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year**

**3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

1

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="http://dbtindia.gov.in">http://dbtindia.gov.in</a>

### 3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

#### 3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

19

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.2 - Research Publications and Awards

#### 3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

##### 3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

114

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

#### 3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year**

10

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**3.3 - Extension Activities**

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

Institute organizes and participates in various extension activities with an objective of not only sensitizing students about various social issues but also contribute to community and strengthen community participation. Major emphasis is given on student engagement, service orientation and holistic development of students contributing to good citizenship.

NSS unit and a team of committed faculty members engage students in the community development programs. Rural India has been facing uncleanliness, unhygienic, malnutrition conditions. Faculties of various departments also at regular intervals organizes and motivate the volunteers to participate in various extension activities with a dual objective of not only sensitizing students about various social issues but also contribute to community in terms of projects and strengthen the community by participation like awareness programs, health camps etc.

The Institution organizes the events like world consumer day, International yoga day, Khadi Diwas, Mathru Basha Diwas, NSS Formation Day, Women's day etc. Another dates of festival like, the birth anniversaries of great Indian personalities like Chhatrapati Shivaji Maharaj, Gandhi Jayanthi, Vallabhbai Patel etc. Adding to the national festivals like Independence Day and Republic day also celebrated.

NSS organizes a residential seven day camp in nearby adopted village and several activities were carried out by NSS volunteers addressing social issues which include cleanliness, river cleaning tree plantation, water conservation through construction of CCT at Bandhara Dongar, Shramdan, Social interaction, Beti Bacho Beti

Padhao, Environmental awareness, uncleanliness, Women empowerment, National Integrity, Blood donation camp, Health checkup camp, Farmers meet etc.

Due to pandemic, various activities planned under NSS cell could not be implemented however institute has conducted three activities in online mode.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

3

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	<a href="#">View File</a>
e-copy of the award letters	No File Uploaded

### 3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year

#### 3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

3

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	<a href="#">View File</a>

### 3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

#### 3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

302

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.4 - Collaboration

#### 3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

11

File Description	Documents
e-copies of linkage related Document	<a href="#">View File</a>
Details of linkages with institutions/industries for internship (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

##### 3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

5

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The Institute developed and upgraded infrastructure as per the guidelines laid by the AICTE, DTE, and SPPU. The required facilities for effective teaching-learning process, co-curricular and extra-curricular activities are made available. The facilities are enriched by addressing the needs of the curriculum, advanced technology, R&D and consultancy activities.

The physical infrastructure comprises 22 classrooms, 11 tutorial rooms, 36 laboratories, 1 seminar hall, 1 central computing lab, 1 central library besides the institute has academic and administrative rooms for supporting undergraduate and postgraduate programs. Classrooms and seminar halls are ventilated, illuminated and well furnished, these are equipped with LCD projector, LAN connection along with high speed Wi-Fi. Laboratories are well equipped and are regularly maintained. The charts, models and cut sections are displayed in laboratories for better understanding which is adding value to the infrastructure of the institute.

To acquaint the students with advanced technologies, the institute has established Centres of excellence, Incubation centre, Modern types of machinery like 3D printer, Wind-tunnel, accelerated curing tank, FFT analyzer, Spectrum analyzer, PLCs, Digital UTM, Vector analyzer, Variable Frequency Drives and software like MatLab, Ansys, Mini TAB.

The central workshop is equipped with different facilities for Engineering practicals like machining, fitting, carpentry,



welding, black smithy and tin smithy shop. Advanced machine, Vertical Machining Centre and Coordinate Measuring Machine. These machines trained the students on industrial skill sets. The workshop facility is made available beyond working hours to the students for different activities like Society of Automotive Engineering(SAE) competitions and innovative projects.

The library of institute has I-cloud EMS, the customized ERP, is use for effective planning, reporting and monitoring. The ERP is also used for online MCQ examinations. The library has wide collection of text books, reference books, e-books, journals and e-journals.

The institute has primary health care centre with medical officer, supporting staff and dedicated ambulance. Institute has one shopping complex and two dedicated canteens to cater the need for the students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://dypsoe.in/igac/411.pdf">https://dypsoe.in/igac/411.pdf</a>

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

In order to ensure overall grooming of students, institute has always heartened and supported Co-curricular and extra-curricular activities. Well established Gymkhana Department and Cultural Committee, support by student committees thereof, organizes various event like Eternity and Go-Kart. The students of 'Earn and Learn' scheme helps in operation and management of facilities.

Cultural, Outdoor and Indoor sports facilities are available as follow-

Auditorium with 250 seating capacity equipped with proper sound and light systems. Separate 'Avirat Club' room with required musical instruments is also available for practice. Institute is organizing Five day's cultural event "Eternity" every year and more than 2000 students of the institute participate enthusiastically in various types of cultural events. Students are involved in planning and management of the event and the exemplary personalities from different professions are invited to motivate

and share the experience. The national days and major festivals are marked and celebrated enthusiastically.

Two play grounds, are available for playing Cricket and Football. Two Volleyball, four Synthetic Lawn Tennis courts and two basketball grounds are available for outdoor game. Badminton Hall with two courts, Table Tennis (3 tables), Chess and Carom are available in the gymkhana.

The gymnasium is equipped with nine station multi-gym, single stations gym equipment, highlight pulley, PecDeck, arm curling pulley and quality weight lifting. Separate out door gymnasium facilities is also installed in college campus.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://dypsoe.in/igac/412.pdf">https://dypsoe.in/igac/412.pdf</a>

#### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

23

##### 4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

23

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://dypsoe.in/igac/413.pdf">https://dypsoe.in/igac/413.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

##### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

0

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

### 4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The main purpose of the library is that; acquire the resources, store, manage & provide it to its stakeholders. The same work is done at the central library of the institute. To manage the resources; the institute central library now using iCloudEMS ERP Library management system from September 2018. Before this we used another ERP package name Synthesis & completed library automation in 2015. For library automation barcodes are used. The barcodes are very economical for the initial stage of automation of the libraries. The library dedicated 10 computers to access the iCloud EMS services for all students and faculty members of the institute. The iCloud ERP works on a cloud base so available internet bandwidth is 720mbps.

The setup of Institutional Repository work is going on. For the same DSpace digital library software is selected. DSpace software is the most common use of the academic and research libraries as an open access repository for managing their faculty and student output.

Therefore, we used barcode as a part of the automation. We continue the library automation with iCloudEMS also.

iCloudEMS effectively manages the services of College ERP which is a cloud-based digital platform that provides end-to-end solutions to streamline multi-level workflow in the higher education institutes. iCloudEMS ERP is developed by iCloud India. This is an integrated package ERP for all functions of the academic institutions. It covers Academic, Account section, examination,

Library, etc. In the library module; Admin, Cataloguing, Circulation, Master, OPAC & Reports are the sub modules.

1. Admin Module: This module is for managing library details, Users details with their circulation limits, specify the material type like; textbooks, reference books, journals, etc. addition deletion of new members, new courses, etc.
2. Cataloguing Module: In this module various sub modules are available. Addition of books & journals, stock taking, approval of weed out, handed over books to any other library & book search.
3. Circulation Module: This module is dedicated for circulation of library resources. Library member's data & library resources data can be accessed through this module. To search the library users; the ERP provides three types of search by ERP PRN number, Roll number & the name. After searching the member, get details of member & special tab for library issue / return, issued books details, etc.
4. OPAC Module: Online Public Access Catalogue is delicately used to search the library resources availability. Library members have the facility to search the required resource & he/she will get the availability status of the concerned resource.
5. Report Module: Through the reports module gets various reports necessary for the library to show various governing bodies.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://sites.google.com/dypic.in/central-library">https://sites.google.com/dypic.in/central-library</a>

<b>4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources</b>	<b>A. Any 4 or more of the above</b>
--	--------------------------------------

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

#### 4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

##### 4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

0.54595

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

#### 4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)

##### 4.2.4.1 - Number of teachers and students using library per day over last one year

5

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

##### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The institute hasintegrated ultra-modern IT methods and is looking forward to the complete automation of the daily activities of the college. To accelerate the process easier, efficient and transparent Academic, administrative and admission process are integrated with IT.

The full-bodied IT infrastructure of the college comprises 487 computers connected with 300 MBPS WiFi/LAN. The College has two dedicated servers for the smooth functioning of university exam and licensed copy. The college library is automated with cloud server facility. Library has the subscription of e-books and e-journals via DELNET. Question papers, projects and theses are availed through digital repository in the college library. Digital library with 14 computers enhances the e-learning and online certificate programs through NPTEL. Video conferencing facility. The facility of UPS in college with capacity as 440KV and 340KV (having Generator facility) is available. Hikvision CCTV surveillance facilities with configuration 2MP camera, DVR 2MP with harddisk-2TB, 1TB having fifteen day's records backup facility covers the security issues. The in-house network is secured with Cyberoam network security and firewall Sophos firewall named as FG-550 model (a.k.a. Cyber roam) provides cyber security. Various software's required according to university syllabus are available with licensed copy. College apps like MHTCET Mock Test and iCloud ERP facilitate students for academic activities.

ERP software with cloud server facility which enables the smooth functioning of the day today activities. The software has the following features:

High speed internet facility through 300 mbps (Paradise) connections ensure fast browsing. Learning Management Systems (LMS) like Microsoft Teams. All the departments are equipped with computers, printers, scanner, LAN and Wi-Fi connectivity. The college provides open Wi-Fi facilities for students and teachers. All the academic and administrative blocks are connected through Optical Fiber Cable (OFC). The College has a Dynamic Website and active social media platforms like Twitter, Facebook, LinkedIn and Instagram. Biometric access control & fingerprint entry register for staff.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://dypsoe.in/iqac/431.pdf">https://dypsoe.in/iqac/431.pdf</a>

#### 4.3.2 - Number of Computers



417

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Student – computer ratio	<a href="#">View File</a>

**4.3.3 - Bandwidth of internet connection in the Institution**

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

**4.4 - Maintenance of Campus Infrastructure**

**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)**

**4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

179.20298

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts.	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

All the campus buildings are well lit with modern facilities. There are dedicated substations for air conditioning plants and other lighting purposes, which avoid fluctuations and disturbances in administrative blocks. Additional substations having transformers with adequate capacities ensure power supply to



hostels, main building, residences, student activity center, sewage plant, medical center, Power sale etc. The college has designated officer and has selected sufficient support staff for the supervision the maintenance of buildings, classrooms and laboratories. In addition, many departments have Annual Maintenance Agreements with suppliers and companies for the repair and maintenance. To progress the physical quality of the campus, several initiatives are taken from time to time. Some of these are: Periodic painting and white washing of building and labs, Groundmen for maintaining grounds, lawns and upkeep of plants ,Tree plantation drives every semester under the NSS, Adequate Housekeeping staff for general cleaning, Dustbins at every 100 meters.

There is a constant maintenance strategy for each activity such as painting, whitewashing

dedicated staff includes masons, plumbers, carpenters, electricians for maintenance of infrastructure, workshop technicians for welding, furniture repairs in summer / winter , AMC's for critical equipment and networking, Lab equipment is maintained by the dedicate technicians in the labs on a periodic basis during summer / winter vacations

Adequate security measures are at place at all the campuses to ensure safety and security of residents. Security has been outsourced to professional agencies. The Institute is well secured with boundary wall with security guards guarding the campus placed at all important locations. The surveillance of main gate provided. The security of the campus is outsourced which is monitoring by institute. Every hostel has security guard etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://dypsoe.in/igac/442.pdf">https://dypsoe.in/igac/442.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the

**Government during the year**

1384

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

**5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**

**5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

33

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

A. All of the above

File Description	Documents
Link to institutional website	<a href="https://dypsoe.in/igac/513.pdf">https://dypsoe.in/igac/513.pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

1120

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

1120

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

**B. Any 3 of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

182

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

12

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

#### 5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State

**government examinations) during the year**

3

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

**5.3 - Student Participation and Activities**

**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year**

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

3

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

**5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )**

**Yes, Institute has involved students in various administrative, co-curricular and extracurricular committees activities as as per established processes and norms.**

**The committees are follows:**

**1] College Development Committee [CDC]**

**2] Internal Quality Assurance Cell [IQAC] 3] Internal Complaint Committee**

- 4] Antiragging Committee
- 5] General Grievance Redressal Committee
- 6] Student Council
- 7] Department Associations & Clubs
- 8] National Service Scheme [NSS]
- 9] Sports Committee
- 10] Cultural Committees
- 11] Students Chapter

The Institute motivates and provides the the self-learning opportunities to the students under mentorship. The students are empowered to execute/organize activities independently to enhance their soft skills such as coordination, team spirit, collaborative activities to build the self-confidence.

The students are empowered to form various administrative bodies and various committees to execute the variety of activities such as curricular, co-curricular and extra-curricular activities inside and outside the campus. These activities help to develop their personality & character, positive attitude, mindset and the Humanity.

A senior faculty member monitors and help to assist and render the necessary advice based on the need. It is ensured that students actively involved in various technical committees in the department /domain specific committees, like Department Technical Associations. They also actively participate in extracurricular activities like Sports and cultural events, National Service Scheme (NSS), Community development and other outreach activities.

Students create awareness about Anti ragging measures and thus helps to make the campus a Ragging Free Zone. Students take active role and involvement in the technical activities and also part of various professional bodies and students chapter.

File Description	Documents
Paste link for additional information	<a href="https://dypsoe.in/igac/5_3_2_student_council.pdf">https://dypsoe.in/igac/5_3_2_student_council.pdf</a>
Upload any additional information	<a href="#">View File</a>

### 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

#### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

3

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	<a href="#">View File</a>

### 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Yes, Name of Alumni Association : Alumni Association of Dr D Y Patil School of Engineering, Charholi Bk, Pune. Address : Dr D Y Patil Knowledge City, Charholi Bk, Via Lohegaon, Pune 412105  
Registration No : Maha/ 1392/2017/Pune of date 5/10/2017

Institute has active network of Alumni. The alumni contribute to the institute for academic development in terms guest lectures, seminars, workshops etc. Institute organizes Alumni meet every year in the college premises in order to arrange get-together of all the alumni to share their experiences with the existing students and faculties. The alumni participate actively in the alumni meet to provide valuable suggestions about the latest technologies, which meets the industry requirements. Institute



organizes the alumni meet to discuss the plan of activities during an academic year. The alumni engaged themselves in knowledge sharing activities which helps to decide upon the right career options about the placement opportunities or opportunities for higher studies or opportunities for startup journey. Expert talks, Hands-on sessions by the alumni helps the students to choose their career path by enhancing the required aptitude in their respective domains. The Alumni provides guidance on placement opportunities and provides the pre-placement training to build the appropriate skills to become skillful and employable. The alumni help the students to approach the Industry for seeking an Internship and sponsored projects. Institute regularly invites the alumni for different activities such as Annul Day function, Cultural events, Sports Events, and NSS Activities etc. The alumni contributes in order to orient the students on Personality Development, Job and business opportunities, Stress and time management.

File Description	Documents
Paste link for additional information	<a href="https://dypsoe.in/igac/541.pdf">https://dypsoe.in/igac/541.pdf</a>
Upload any additional information	<a href="#">View File</a>

**5.4.2 - Alumni contribution during the year (INR in Lakhs)** E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

**Vision:** Empowerment through quality technical education

**Mission:** 1.To excel centre of excellenec in technical education 2. To impart skill based education to meet the needs of industry & society 3. To achieve excellenec in teaching, learning & research 4. To inculcate social & ethical values among the students.

In order to provide simpler and efficient system of governance within the institution, we have adopted and implemented e-

governance in maximum activities of our functioning. The institute has a well-defined e-governance policy & the process of governance is reflective & decentralized in tune with the vision and mission of the institute. The important functions like the academics, research, quality control, student activities, industrial relations, ecosystem for entrepreneurial and innovation activities, faculty development, staff development, examination, training and placement, stores and purchase are handled by a team of faculty and staff representing various departments / Sections headed by a senior faculty or staff. They take decisions as a team. The various proposed actions/decisions are again discussed at an institutional meeting represented by all functional heads and CDC represented by various stakeholders. The individual functional heads propose their own annual key performance parameters and suggest a perspective plan to continually improve the performance parameters of their departments, further review the effectiveness of action taken and initiate appropriate corrective and preventive actions for achieving the vision of excellence in quality.

IQAC plays an important role to ensure the quality of academics, co-curricular, extracurricular and related parameters is continually improving by organizing audits both internal and external after every semester along with corrective action, preventive action and reviewing the effectiveness of actions taken. In addition to the above internal committees, there are statutory committees which are represented by various stakeholders to overlook the overall quality aspects of academics and allied activities. The objectives of these committees are well defined and they meet periodically for achieving the objectives mentioned in the perspective plans of various departments and the institution, which is in tune with the vision and mission of the institute.

File Description	Documents
Paste link for additional information	<a href="https://dypsoe.in/vision.html">https://dypsoe.in/vision.html</a>
Upload any additional information	<a href="#">View File</a>

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Institution has a culture of decentralized governance system with well-defined inter-relationships. The institute delegates adequate and systematized authority to the departments to work

towards a decentralized governance system. There are various committees involving faculty which are constituted to manage different institutional activities.

The Institute has always been in favour of participative management. The decision suggested by teachers in the meetings in the forum of HOD, CDC, IQAC, AMC, ILCs, and department meetings is conveyed to the management through the Principal. The management ensures that the opinions and suggestions made by faculty and staff are included in decisions implemented for college development. This process probes the institutional practices for decentralization and participative management.

The good example of decentralization and participative management is the Students Mentoring & Academic Monitoring Committee, which regularly monitors the classes and takes regular feedback of main stakeholders, and addresses any suggestions/grievances to HOD for corrective measures. Each faculty maintains a daily attendance sheet of both theories as well as practical, project, etc. A mentor is appointed for each batch with the size of a maximum of 20 students, who collects this data from respective subject teachers and one aspect of mentoring involves preparing mentees to be competitive for future careers inside and beyond the institute.

Apart from the above, the departmental meetings are conducted by the HOD with all the staff focusing on improving the academics & conducting co-curricular and extra curriculum activities. Various works are imparted to the faculty, timetable, teaching plans, course material, continuous assessment, interaction with the stakeholders which is reviewed by the HOD periodically. In addition to the academic responsibility shouldered, faculties, are involved in various decision-making bodies of the institute, such as Governing Committee, Internal Quality Assurance Cell, College Development Committee, Grievance Redressal Cells...etc. Thus, the role of faculty plays a vital role in institutional achievements.

File Description	Documents
Paste link for additional information	<a href="https://www.dypsoe.in/iqac/612.pdf">https://www.dypsoe.in/iqac/612.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Perspective plan of the college is fundamentally based on Vision, Mission, Quality Policy & Quality Objectives of the institute. One activity of ISO Certification & NABL accreditation is successfully implemented based on the strategic plan.

T&P Cell of the Institute fetched collaborative interactions with the industries working in the field of courses offered. The students are regularly sent for internships in addition to industrial training mandated under the SPPU syllabus. The faculty members are also promoted & encouraged to interact with the industry. 'Memoranda of Understanding (MoU) are made by various departments with industries for professional development of the students and staff members through collaborative work. The industry people are requested to become a member of the Departmental Advisory Committee. The industry experts with a proven track in the subject approved by the University are normally invited for various FDP & SDP on the thrust areas of the respective department.

The T & P office has the mandate to work hand-in-hand with industry that works in the space related to engineering solutions. In conjunction with DYP SOE academic Heads, it remains the primary vehicle for outreach and strategic engagement for projects, internships, placement, entrepreneurship, and guest sessions. Collaborates with a strong engineering discipline focus and desire to develop a mutually beneficial relationship with DYP SOE and will have multiple opportunities to engage students. The T & P office & III Cell keeps a watch on the industry trends to know the career landscape and make careful informed employment decisions. It ensures that students are regularly coached on various career options.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.dypsoe.in/igac/621.pdf">https://www.dypsoe.in/igac/621.pdf</a>
Upload any additional information	<a href="#">View File</a>

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The organogram of Institute describing the decentralized structure of administration. Institute administration is a cooperative effort of Management, Principal, Heads of Department, Teaching, Non-teaching staff, and Students with the cooperation and support of all stakeholders in pursuit of a common objective.

Head of the institution supervises all the activities of academics & administration. Under administration, various statutory & non-statutory committees are formed which include IQAC, College Development Committee (CDC), Academic Monitoring Committee (AMC), Committee for SC/ST, Library Committee, Internal Complaint Committee, Sports Committee, Grievance Redressal, Anti Ragging Cell & Squad... etc. Different Cells are well-thought-out to look after students' and staffs' involvement. The different cells are Research & Development Cell, Industry Institution Interaction Cell, EDC, Alumni Cell...etc. They work under the guidance of the Head of the Institution. Another important characteristic of the Organogram is its stakeholders like the students, parents, employer, corporates, alumnae, etc.

Service rules and procedures are guided by the affiliating university (Savitribai Phule Pune University), the Constitution of the college, and the rules of the State Government as amended from time to time in this regard. The college has welldefined staff policy which includes code of conduct, responsibility...etc. The recruitment rules for the teaching staff are as per the SPPU guidelines along with the eligibility criteria prescribed by the UGC / AICTE. The promotional policies for teachers are according to the Internal Promotional Scheme / Career Advancement Scheme (CAS) of affiliating university.

File Description	Documents
Paste link for additional information	<a href="https://www.dypsoe.in/iqac/622.pdf">https://www.dypsoe.in/iqac/622.pdf</a>
Link to Organogram of the Institution webpage	<a href="https://www.dypsoe.in/organogram.html">https://www.dypsoe.in/organogram.html</a>
Upload any additional information	<a href="#">View File</a>

**6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination**

A. All of the above



File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user interfaces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institution has welfare measures for both teaching and non-teaching staff. Welfare schemes for Teaching & non-teaching staff are;

- Employee's Provident Fund.
- 35% Fees concession to employee' childrens at school level
- Transport Facility
- Maternity & Paternity leave.
- Loan benefits from Ajeenkya Employees Credit Co-op society Ltd.
- Health care & Medical treatment at Dr D Y Patil Dental College Lohegaon on subsidized rates.
- Free Yoga classes and meditation sessions.
- Two sets of uniforms are given to nonteaching staff every year free of cost.
- Sports facility for staff & students.
- Quarters for teaching & non-teaching staff in the campus.
- RO, Tea Centre, Canteen & ATM.
- Tie up with nearby hospital

File Description	Documents
Paste link for additional information	<a href="https://www.dypsoe.in/igac/631.pdf">https://www.dypsoe.in/igac/631.pdf</a>
Upload any additional information	<a href="#">View File</a>

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

2

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

2

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

33



File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

### 6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institution has an effective Performance Appraisal System for teaching and non-teaching staff.

Performance appraisal helps in detecting the deficiencies in the performance of teaching & non-teaching staff. It also holds the key for staff development. DYP SOE follows self-appraisal method for performance evaluation of staff. For this purpose, it has adopted the UGC/AICTE format of annual self-assessment for performance based appraisal system using the frame work Academic Performance Indicator ( API) in three categories;

1. Teaching.
2. Research.
3. Administration.

The API Score is reviewed by the respective Head of Department and the Principal. Due emphasis is laid on sharing the feedback with the teachers. The feedback will help the teachers to know their attainment levels in different realms of API and provides motivation to further improve their performance. The API score also helps the Heads of department in devising appropriate strategies for faculty development and path ways for their professional growth. The record of annual self-assessment will come in handy at the time of promotions under Career Advancement Scheme. The College is in the early stages of implementing this initiative as per UGC format. This initial experience is quite encouraging for institutionalization of the system in near future.

An informal & indirect teacher evaluation obtained in the format of student feedback is also being followed. It pertains to teacher's primary role of class room teaching & continuous evaluation students. The college seeks to integrate this informal feedback into the formal system of performance appraisal of teachers.

So far as the non-teaching staff's appraisal is concerned, the college is following the standard format for its regular non-teaching employees.

File Description	Documents
Paste link for additional information	<a href="https://www.dypsoe.in/igac/635.pdf">https://www.dypsoe.in/igac/635.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The institute has maintained a very transparent financial audit system. There are well-defined processes for sanctioning budget to expenditure. An internal approval system for all expenses is in place. Accordingly, a bill/voucher is recommended by the Head of the Department and approved by the Principal / Management. All the bills/vouchers are audited by an Internal Auditor periodically. A proper record of all the expenses is maintained by the accounts department. An external auditor appointed by the trust executes the statutory audit. A statutory financial audit is conducted in two sessions, one in the month of October/November for the period of April to September and the second in the month of April /May for the period of October to March. Finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by the Principal, and Chartered Accountant. Then audited report is submitted by a Chartered Accountant. No violations in approval and utilization of budget.

File Description	Documents
Paste link for additional information	<a href="https://www.dypsoe.in/igac/combined_report.pdf">https://www.dypsoe.in/igac/combined_report.pdf</a>
Upload any additional information	<a href="#">View File</a>

#### 6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

##### 6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

#### 6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The institute has maintained a very transparent financial audit system. There are well-defined processes for sanctioning budget to expenditure. An internal approval system for all expenses is in place. Accordingly, a bill/voucher is recommended by the Head of the Department and approved by the Principal / Management. All the bills/vouchers are audited by an Internal Auditor. Dr D Y Patil School of Engineering is a self-financing private institute. It has a well-defined financial policy that ensures optimal utilization of finances for academic, administrative, and research activities. The institute is being run with self-sufficient funds generated from tuition fees and other miscellaneous incomes. In case of shortage of funds, the management supports by providing the finance for Teaching, Research, Extension & Administrative activities. In case activities like construction and renovation of the building, the management always supports by providing required finance. Financial planning is done at the beginning of the academic year well in advance with efficient budgeting involving all the Heads of Academic Departments and Administrative Sections.

Apart from the tuition fee, the resource mobilization is done through Consultancy Charges, Endowments, Research Grants, Sponsorship for conducting conferences, Funds from University for NSS Activities, Funds from Govt for conducting Competitive Examinations...etc. The management reviews all the financial activities through scrutiny of budgets and expenses in every quarter. Through centralized purchase, the funds are monitored and utilized in an effective manner.

File Description	Documents
Paste link for additional information	<a href="https://www.dypsoe.in/iqac/643.pdf">https://www.dypsoe.in/iqac/643.pdf</a>
Upload any additional information	<a href="#">View File</a>

## 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Two practices institutionalized as a result of IQAC initiatives are:

1. 360 degree feedback.
2. Effective use of ICT for online teaching through LMS platform.

A 360-degree appraisal system has been adopted for an anonymous employee performance review process in which an employee is collectively rated by subordinate / department teaching & non-teaching staff. It helps organizations gain valuable insights into organizational leadership, team functions, and overall institute culture.

The IQAC has consistently striven to institutionalize quality assurance strategies and processes at every level of the institution's functioning. From devising strategies to improve the teaching-learning process through increased use of ICT, expanding the scope of the library, transforming it into a multivalent knowledge portal, and signing MoUs with various industries & good institutes to re-defining the boundaries of a vitalizing, meaningful, and holistic education the IQAC has been a proactive player in the overall benchmarking process.

The IQAC has regularly convened meetings; it has submitted the AQARs to NAAC on time; it has collected feedback inappropriate

forms from different stakeholder categories, analyzed the same, and used it for qualitative improvement; it has organized Academic and Administrative Audit and has initiated follow-up action as per the suggestions and recommendations of the eminent evaluators

File Description	Documents
Paste link for additional information	<a href="https://www.dypsoe.in/igac/651.pdf">https://www.dypsoe.in/igac/651.pdf</a>
Upload any additional information	<a href="#">View File</a>

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Quality sustenance is ensured through continuous improvement as an ongoing process, incremental improvements do serve as milestones of achievements in the quest for quality adding inspiration to the main stakeholders of the institute.

IQAC has been instrumental in value addition to the institution through its contribution while quality sustenance through its initiatives and contributions to different spheres of institute functioning.

In this connection, mention needs to be to the following visible improvements in teaching-learning which hold promise and potential for sustained progress of the institute;

- CO-PO-PSO attainment
- Activities for Slow & Fast learners
- Stakeholders feedback on curriculum
- 360 Degree Feedback
- Online teaching through Learning Management System

File Description	Documents
Paste link for additional information	<a href="https://www.dypsoe.in/igac/652.pdf">https://www.dypsoe.in/igac/652.pdf</a>
Upload any additional information	<a href="#">View File</a>

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC);**

**B. Any 3 of the above**

<b>Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)</b>	
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File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://www.dypsoe.in/igac/Final Annual Report_2020_21.pdf">https://www.dypsoe.in/igac/Final Annual Report_2020_21.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

**INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 - Institutional Values and Social Responsibilities**

**7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year**

Institute promotes the empowerment of women and has zero tolerance for sexual harassment. The institution is committed to create a safe environment for women students and employees - an environment; free of violence, harassment, exploitation and stress through creation of awareness on the issue of sexual harassment by conducting webinars, lectures, events, seminars and workshops by activists and academicians. Institute also runs Nirbhaya Kanya Abhiyan scheme through student development section.

In pursuance of UGC (Prevention, prohibition and redressal of sexual harassment of women employees and students in higher educational institutions) Regulations, 2015 with Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013; institute has several committees like Internal complaint committee, Anti-ragging squad committee, General grievance redressal committee and SC/ST grievance redressal committee. All the committees are very active at institute level and always focus on gender equality. The functions of these committees are displayed on the website of the institution and information is disseminated to the students through notices, orientation and



induction programs.

Internal Complaints Committee (ICC) is constituted to deal with the complaints relating to sexual harassment at work place. In order to take the complaints anonymously from girl students and women employees, there is a complaint box placed by Charoli Police Station within our campus and also by department of the institute. The ICC ensures that all the complaints are solved in the defined time period of 15 days. The ICC also ensures that posters promoting gender equity & sensitization are placed on the Notice Boards.

Institute has a separate girls and boys hostels with state of the art facilities and round the clock security. Separate women security guard is also available at girl hostel. There are several facilities available on campus like open gym, ATM, ambulance and bus transport facility. The health center is provided on the campus with a qualified physician with a separate medical room in collaboration with hospital Shree Kalyani Nursing Home, Lohegaon, Pune.

Institute has a dedicated counsellor for students of all department and has a very strong mentoring system for the students to take care of their academic, emotional, social and cognitive development.

File Description	Documents
Annual gender sensitization action plan	<a href="https://www.dypsoe.in/igac/Gender%20Sensitization%20Action%20Plan.pdf">https://www.dypsoe.in/igac/Gender%20Sensitization%20Action%20Plan.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://www.dypsoe.in/igac/Speciific%20Facilities%20Provided%20for%20Women.pdf">https://www.dypsoe.in/igac/Speciific%20Facilities%20Provided%20for%20Women.pdf</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment**

**A. 4 or All of the above**



File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Institute has a mechanism to categorize solid waste into biodegradable and non-biodegradable wastes. Food waste are converted into biogas using the Bio-Gas plant and used for cooking as a fuel in the institute canteen. Non-biodegradable waste generated at each department and administrative offices are dumped in small waste bins located at their respective places. They are then regularly dumped in to big bins by the housekeeping staffs and from there moved to dispose by Municipal Corporation of Pimpri Chinchwad, Pune.

In the institute, the liquid wastes generated are of sewage waste, laboratory, residential washing and canteen effluent. In order to process the waste, institute has deployed sewage treatment plant wherein contaminants from sewage water are regularly removed to produce an effluent that is suitable for discharge to the surrounding environment or an intended reuse application, thereby preventing water pollution from raw sewage discharges.

Institute follows E-waste management practices, where all the miscellaneous e-waste such as CDs, batteries, fluorescent bulbs, PCBs and electronic items are collected from every department and office and delivered for safe disposal. Useful parts of electronic gadgets like resistors, capacitors, inductors, diodes, transistors, thermistors etc. have been removed from the gadgets for reuse in practical/projects work.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="https://dypsoe.in/igac/713%20Geotagged%20photo.pdf">https://dypsoe.in/igac/713%20Geotagged%20photo.pdf</a>
Any other relevant information	No File Uploaded

<b>7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus</b>	<b>A. Any 4 or all of the above</b>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>	<b>A. Any 4 or All of the above</b>
<ol style="list-style-type: none"> <li>1. Restricted entry of automobiles</li> <li>2. Use of Bicycles/ Battery powered vehicles</li> <li>3. Pedestrian Friendly pathways</li> <li>4. Ban on use of Plastic</li> <li>5. landscaping with trees and plants</li> </ol>	

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the</b>	<b>A. Any 4 or all of the above</b>

**following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment**  
**5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

**Institute makes serious endeavours to maintain an inclusive**

environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities. The efforts are put to make the institute environment inclusive. Teachers while taking classes ensure that classroom discussions are to the expected level of respectability to all and encouraging all to participate.

Institute students are coming from different parts of India particularly Maharashtra state with different caste creeds and social identities. Under the able direction of the teachers, acts as a conduit to make the new incoming batch of students to understand and practice full participation of all students without the dominance of any particular group. Institute considers that classroom homogeneity and participation of all students are extremely useful for effective learning of management lessons.

The senior faculties of Institute take up special interactive sessions for the incoming fresher students of every batch in their initial days of campus life about the values of an inclusive environment, and the role of cross-cultural communications. Institute invites renowned personalities of our society to deliver speech on motivation towards tolerance and harmony, sensitise the students about the importance of maintaining the same through their life as responsible citizen.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

D Y Patil School of Engineering organizes many activities to sensitize students and employees to the constitutional obligation. The whole country is governed on the basis of the rights and duties preserved in the Constitution of India. Our constitution provides for human dignity, equality, social justice, human rights and freedom, rule of law, equity and respect and superiority of constitution in the national life. Institute celebrates Republic and Independence Days organizing a number of activities highlight the struggle of people for freedom and importance of Indian constitution respectively.

The annual cultural fest is conducted every year promotes the awareness towards rights and duties of citizens. In the fest different skits, dances, poetry, singing etc are performed emphasizing constitutional values, rights, duties and responsibilities of citizens.

Institute arranges guest lectures and workshops by eminent personalities to deliver sessions on ethics, values, duties, and responsibilities. The affiliating University curriculum is framed with mandatory courses like Professional ethics and human values.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="#">View File</a>
Any other relevant information	No File Uploaded

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized**

**A. All of the above**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Dr. D. Y. Patil School of Engineering (SOE) celebrates a number national and international commemorative days, events and festivals as follows.

1. International Youth Day
2. National Sports Day
3. Teachers day
4. Engineers Day
5. Gandhi Jayanthi
6. Republic Day
7. International Womens Day
8. World Environment Day
9. International Yoga Day
10. National Youth Day
11. Swami Vivekananda Jayanti
12. Valentine's Day
13. National Science Day
14. World Consumer Day
15. Chhatrapati Shivaji Jayanti
16. World Health Day
17. Ambedkar's birth anniversary
18. World No Tobacco Day
19. Inter. Plastic bag free day
20. Hindi Diwas
21. World Heart Day
22. National Cancer Awareness day
23. Plastic free day

However, due to pandemic and as per the instructions of higher authorities, we were not able to conduct the above days. However, we have celebrated Yoga day.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.



## Best Practice - 1

**Title of the Practice:- Enrichment of Teaching & Learning Process (ETLP)**

**The Context that required the initiation of the practice:**

In engineering, there are different types of students, some learn very fast and some learn slowly. Some students need only guidance and some need regular attention, guidance and mentoring. Each type of students has different learning attitudes and learning habits. In such a situation, it is crucial to understand them from different viewpoints and recognize their learning levels and plan accordingly to deliver learner centric teaching and learning.

Students face difficulties in learning and they go through mental stress and several identified and unidentified challenges.

Enriching teaching and learning of students depend upon the two way interaction and hard work of student, parent and teacher. These three stakeholders' integrated effort gives the best learning outcomes. Parent teacher meeting and academic mentoring covers the distance among three stakeholders.

Curriculum design and development is a significant process of developing appropriate need-based inputs in consultation with the expert groups, based on the feedback from the stakeholders. Sharing experiences and observations of the stakeholders provides a wider prospect to plan, prepare and execute planning for better learning outcome. Feedbacks from stakeholders (Students, Faculty, Parents, Alumni and Employer) is extremely essential for understanding the curriculum delivery and its timely updating as per required for industry. Scanning of feedback from the stakeholder also provide an opportunity to realize our strength and weakness. This best practice helps to support & design, modify the curriculum as per feedback of stakeholders.

In order to enrich teaching and learning process, we have adopted an integrated approach of Student's mentoring, slow and advance learners, parent-teacher meet and stakeholder feedback.

**Objectives of the Practice:**

- Ensuring regularity and punctuality of students through counseling sessions



- To emphasize and motivate students for their overall development
- Focus and motivate students to achieve learning goals and thereby improve their academic performance.
- Monitoring and improving the quality of students' learning experiences through the timely collection, analysis and reporting of slow and advanced learners and interacting with different stakeholders concerning teaching, learning and assessment.
- Providing stakeholders with the opportunity to actively participate in the continual improvement of teaching and learning process.
- To promote student centric teaching-learning

#### The Practice:

Dr D Y Patil School of Engineering has a rigorous students mentoring system of mentor-mentees wherein a group of 20-25 mentees (students) are allotted to one mentor (faculty) which helps the mentees to interact with the mentor comfortably. Mentors and mentees meet according to a pre-arranged calendar, as well as per the need of the student or the moment. Mentees are always encouraged to initiate meetings with mentors. The mentor guides, encourages, and advices the mentees about their upcoming student life, student health, mental and emotional well-being and listen to their issues with patience and help them solve their concerns with appropriate resources, support and referral available. They are introduced to each other in the first few weeks of the new semester. In the next step, the learners are classified based on their learning levels.

It is always good to know the learners better in order to serve them better. Institute provides quality teaching-learning to students offering the learner centric teaching-learning which recognize that the learning interest and pace of every pupil is different. On the basis of students' preceding exam and current subject performance and basic knowledge, learning level of the learners can be classified in two groups - slow learners and advance learners for each subject. A standard procedure is followed and the data is analyzed and presented in tabular forms.

A number of activities are proposed for the self-motivation of both the learners. The slow learner is basically motivated for improvement in participative learning and activities so that they can become advanced learner. Overall, based on the assessment level, a faculty has to adopt teaching methodology in such a way

that he/she may not lose the attention of the slow learner and turn-off the advanced learner.

The outcomes of the first two initiatives are presented and discussed with parents in the parent-teacher meets. In the meet the parents are more curious to know about an overall personality of a student, his/her behavior, manner, habit, attitude, learning styles, confidence level in the class, self-esteem, self-awareness, decision making skill, interest in learning, special interest, hobbies, and classroom performance. Some of the issues, only mentor or only parent cannot solve but they can be solved in the meet interacting with each other together. Though student-teacher-parents interaction plays very important role in enhancing the teaching and learning process, stakeholder's feedback is equally important.

The ultimate aim of stakeholder's feedback is to get useful insights for the purpose of improvement in all aspects of teaching, learning, assessment and capacity building. Institute obtains feedback in the structured formats from all the stakeholders. Considering online mode of Teaching-Learning the feedback is also taken in online mode through Google forms. It identifies the gap between the action plan prepared by the faculty members, delivery of curriculum and what is needed by the students. Inputs collected from all the stakeholders are analyzed and put forth in Board of Studies (BoS) for approval. After getting approval in BoS, the curriculum with the incorporation of recommended changes if any is sent to University Academic Council for their final endorsement.

The institute also takes students' feedback about teaching of faculties and the faculties with best performance are appreciated by management. This integrated approach, help the institute to enrich and improve the teaching - learning process.

Evidence / Impact of the practice:

- The mentoring system is implemented in each department successfully and significant improvement in the attendance and results have been observed.
- The slow and advanced learners' assessment has been implemented successfully in all the departments and significant numbers of slow learners are converted to advanced learner in each semester.
- In the parent-teacher meet, a number of issues were discussed with the parents in order to attain overall

performance of the learners.

- The stakeholder's feedback is collected in a structured way as per the guidance of NAAC and communicated to the respective Board of Studies for the consideration. This feedback mechanism addresses the need of the curriculum revision /addition/deletion as per the need of industry.

Problems encountered and resources required / Obstacles faced and strategies adopted to overcome them:

- In the mentor-mentee system, some students feel uncomfortable in approaching the mentors and some are shy and reluctant to seek help. In order to overcome this, we interact with their parents and try to understand the issues.
- In learning assessment, we identify only two levels of learners slow Vs. advanced learners, however there is third category at intermittent level. Second, the learners are identified subject wise and not at overall level. To overcome this we proposed the change in the next academic year.
- Most of the parents are not willing to join the meet due to their time availability. They are also more reluctant to share the issues of their wards.
- Our traditional practice of conducting such feedback is an offline mode. However, due to the pandemic, the institute conducted it through online/virtual mode. Due to this, comparatively less responses were received from the learners.
- Taking the stakeholder's feedback is one way process from the institute as the final decision is taken by the respective department' board of studies of the university after receiving the feedbacks from all the affiliated institutes.

Best Practice - 2

Title of the Practice: - Holistic Approach to Support Students (HASS)

The Context that required the initiation of the practice:

DYP SOE conducts a good number of co-curricular and extra-curricular activities for the students from diverse background for their holistic development. Majority of the students admit to the

institute comes from the rural areas with low economic back ground. A few students are meritorious and having good life skill knowledge finds difficulty to pay the tuition fee of the course. Sometimes, it leads them to drop-out midway through the course. Some students are interested to pursue higher education but their familial and financial constraints also prevent them from pursuing it. Due to some other circumstances they also go through a lot of stress.

Stress according to the dictionary is a state of mental or emotional strain or tension resulting from adverse or demanding circumstances. In engineering, students go through a number challenging circumstances related to family, friends, health, habit, education or financials etc. this leads to a enormous stress. In order to deal this in regular teaching-learning process, the creation of a suitable stress free learning environment is necessary and several times the students need personal counselling by professional councilor. The stress level can be reduced, if the institute helps to develop some profession skills of their choices.

The students are quite busy in their regular academic study and they are less aware about the industry-specific hard and soft skills. Especially if the students are unsure about the career path they would like to pursue, it is important to develop skills that can transfer from one industry to another. The skills also allow them to explore their job options freely while still creating a strong resume. Even after completing the course, they are not well aware about the other carrier opportunities and avenues available outside. If they know, they are not competent enough due to lack of awareness and knowledge. While becoming a successful entrepreneur is natural for some, others require certain essential skills to start and lead a business to success. Along with professional skill development it is equally important to connect the students from a wide range of backgrounds with society to increase retention, engagement and social capital for them.

Social connect is important for mental and physical health and wellbeing as students with poor social connections are more prone and more sensitive to the effects of social threat and bullying, depression and anxiety, substance abuse and health issues. Hence, institute has adopted a holistic approach to support students integrating facets related to financial supports, stress free learning, professional and entrepreneurship skill development and social connect.

### Objectives of the Practice:

- To support financially all the deserving students without any discrimination of caste, creed or gender.
- To inculcate work culture and dignity of labor and sense of responsibility amongst the students.
- To develop entrepreneurial skills and create a culture of entrepreneurship.
- To motivate students to take up self-employment or entrepreneurship as one of their career options.
- To inculcate the values of "generosity" and a "sense of social responsibility and connect" among the students.
- To identify and help students in order to pay attention to student's physical, personal, social, & emotional wellbeing as well as cognitive aspects of learning.

### The Practice:

In order to support the needy students financially, institutes has taken a number of initiatives. Earn and learn scheme of the university is one of the initiatives where the students enrolled under this scheme earn by doing work as per the requirement for library, laboratory, sports facility, hostel and administrative office etc. Institute waivers of the tuition fees for a few meritorious students for the entire course duration and also offers fees concession for the UG completed students to take admission in the post graduate programs (ME Programs). Beside, institute takes discounted fees from the students for publishing the conference papers in the good journals.

Institute always focuses on creating a right stress free learning environment conducting a number of webinars, workshops and events. The full time personal councilor Mr. Yuvraj Patil has taken several programs like "how to make the right habits for success" and "how to deal difficulties" in order to make the students stress free. Institute promotes the yoga activities on the campus through NSS with the help of professional trainers. A number of webinars are also arranged for the engagement of students towards knowing their own self in a deeper lever and utilize their self-power towards gaining a better future from a career perspective. The psycho-neural counselling program was one of them conducted for students for career success. The overall purpose is to make the learning environment stress free.

Institute conducts a number programs, webinars, workshops and events in order to inculcate soft and hard skills among the



students. Some events address the challenges and future carrier opportunities in different subjects like Mechanical, Computer science and ENTC and in diverse fields like IoT, Data Science, AI, machine learning, Pathon etc. Different departments conduct several short and long term professional training and employability skill development programs. Institute always encourages the students to prepare themselves for the competitive examples like MPSC and GATE. Institute has a very active entrepreneurship development cell (EDC) to promote and conduct a number of entrepreneurship activities. The cell regularly invites successful entrepreneurs to encourage and motivate the students.

Institute successfully created a socially inclusive environment by actively connecting students to professional community. The activities under the social connects are tree plantation, plastic free campus etc. Overall institute wants pay attention to student's physical, personal, social, & emotional wellbeing as well as cognitive aspects of learning.

Evidence / Impact of the practice:

- During the year 2020-21, total 14 students are participated in the earn and learn scheme, belonging to different castes, creeds, religions.
- Mr. Pramod Maruti Jadhav has given fees concession for the entire course duration and Prajwal Sadashiv Patil has given 50% fees concession for AY 2020-21.
- In order the students to pursue higher education, the institute has reduced PG courses fees by 50% amount.
- Institute offered 40% discount in the publication fees to publish the conference paper in the International Journal of Scientific Research in Science and Technology ( IJSRST).
- About 500+ students from departments of the institute attended the sessions of personal councilor on stress relieving
- A number of students are trained in yoga by professional yoga trainer
- Several activities of professional and entrepreneurship skill development were conducted. Mr. Shidard Shinde is a role model for the institute as a budding entrepreneur.
- Institute conducted a number of activities for social connect.

Problems Encountered and Resources Required / Obstacles faced and strategies adopted to overcome them:



- While running the earn and learn scheme the institute came across problems like, scarcity of funds and constantly increasing number of students willing to join the scheme. College never took this scheme as a burden, but looks at it as a boon to inculcate our vision and mission very distinctively. The institute plans to offers some part time jobs to the needy students at campus.
- Many students are not approaching to avail fee concession schemes as it is linked to academic performance.
- Some of the students are shy and not ready to approach the councilor when they are under stress.
- The pandemic situation has restricted to conduct the skill development, social connect and yoga activities offline.

File Description	Documents
Best practices in the Institutional web site	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Dr. D. Y. Patil School of Engineering has a state-of-the-art infrastructure and gorgeous, green and eco-friendly campus. All buildings have sufficient amount of natural light and ventilation. The water and air samples are tested periodically and they are within the permissible limit as per IS 10500:2012. There is no direct source of air pollution on the campus. The campus is maintained very clean and plastic free by maintaining rigorous regime.

The campus has sound planning of water use and management of water resources. Traditional rain water harvesting practices are adopted in the campus for ground water recharge. Drip irrigation has been installed for watering of plants. A well maintained Sewage Treatment Plant [STP] is installed and the waste water is recycled for gardening purpose. All types of solid wastes are properly segregated and disposed.

The campus has taken the initiative towards carbon neutrality by promoting Electrical bike facility in campus movement. The campus is full of Biodiversity - about 30 different floras are planted for beautification and different types of birds and insects are observed. At most care is taken for Health and Safety Management.

For the entire stakeholders, the campus is like second home.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

### 7.3.2 - Plan of action for the next academic year

The institute plan of action for the next academic year 2021-22 includes the following:.

1. Institute preparedness to National Education Policy 2020: Timebound 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.

NAAC