

SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

**DR D Y PATIL EDUCATIONAL ENTERPRISES
CHARITABLE TRUSTS DR D Y PATIL GROUP OF
INSTITUTIONS DR D Y PATIL SCHOOL OF
ENGINEERING**

SURVEY NO. 136, CHARHOLI (BK), VIA LOHEGAON, TALUKA-HAVELI

412105

www.dypic.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Dr. D Y Patil School of Engineering (DYPSOE), is located at Dr. DY Patil Knowledge City, Charholi (Budruk), Via Lohegaon, Pune- 412 105, Maharashtra, was established in the year 2010 under aegis of Dr. D Y Patil Educational Enterprises Charitable Trusts with a vision to become an Academic Excellence in the field of Technical Education.

DYPSOE conducts undergraduate courses (Bachelor of Engineering) as Mechanical Engineering; Electronics & Telecommunication Engineering; Computer Engineering and Civil Engineering are approved by AICTE, Directorate of Technical Education (DTE), Government of Maharashtra (GoM) and affiliated to Savitribai Phule Pune University (SPPU), Pune, Maharashtra.

DYPSOE is a private institute with necessary infrastructure supporting academic activities of each department. The State of Art Laboratories, is in tune with the updated syllabus provided by SPPU. DYPSOE focuses on committed and achieving the highest academic excellence. Learning methodology, quality in teaching, planning, and flexibility in working are the integral part of the culture and practices at DYPSOE. Extra and Co-curricular activities entrust our students with the required skills to meet the requirement of the industries. DYPSOE encourages to develop a research culture in departments and supports innovative ideas from faculty and students.

Vision

To attain Academic Excellence by end of year 2022.

Mission

- DYPSOE steadily translate its vision into reality through innovation, student's accomplishments, faculty integration with industries and society inclusive of academic programs.
- DYPSOE strategy hinges its core belief that all programs must enhance the employability of students and also develop entrepreneur through an integrated and interdisciplinary approach.
- DYPSOE establishes linkages with industries and creates center of learning to ensure that the curriculum is contemporary.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Name recognition - Dr. D Y Patil group of institution has high brand recognition for imparting quality education – it attracts dissevering students from across the different districts of the state of Maharashtra.
2. Location (city & culture) - Pune is known as Oxford of the East, culture city & provides opportunity for intense interaction with various auto manufacturing & research facilities, ever growing IT segment, various cultural, contemporary institutions & a cosmopolitan society.
3. Transparent & robust admission process across all departments.
4. Good governance – proactive, dynamic & transparent leadership.
5. Professional & learning campus- High employee morale, positive interaction among peer faculty members & administrate staff, overall feeling of safety & wellbeing on campus.

6. Committed, dedicated loyal faculty & staff.
7. Strong administrative support to academic, cultural programs & student services.
8. Attractive urban campus- physical infrastructure, well-equipped laboratories.
9. Practice of modern learning system (blackboard).
10. Adopting of new technology & andragogy for effective learning process.

Institutional Weakness

1. Less out of state students
2. Limited levels of funded research
3. Initiation of alumni association very recent
4. Financial resources fees dependent

Institutional Opportunity

1. Dr. D Y Patil brand name to be utilized effectively for marketing & communication.
2. Dr. D Y Patil brand name is premier brand name in state of Maharashtra this is to be utilized for better association with industries & research agencies.
3. To strategies the brand DYPSOE within the Savitribai Phule Pune University as academic excellence & most sought after by industry for employment.
4. Develop different sources of income through value added programs, increased research funding consultation & Management Development Programs MDPs, partnering with industries.
5. Build on strength of the brand with other Pan India universities on exchange programs for faculty & students.
6. Make DYPSOE technical institution synergizing between all stake holders.

Institutional Challenge

1. Availability of qualified faculty
2. High cost of delivering program
3. Regular investment to keep pace with immerging technologies.
4. Generate new streams of revenue, understanding the limitation of tuition fees as directed by Shikshan Shulk Committee
5. Competing with other technical institutions under SPPU university
6. Employment opportunity of a qualified college education becoming less important with industries high paying blue collared careers.

1.3 CRITERIA WISE SUMMARY

Student Support and Progression

DYPSOE facilitates scholarships for students from Social Welfare Department (SWD) of the Government of Maharashtra. Financial support is available to economically weaker students through "Earn and Learn" scheme of SPPU. Students are supported to prepare themselves for competitive examinations and higher studies.

Extracurricular and Co-curricular activities promoted by the institute act as a catalyst for overall personality development. Guardian Faculty Member scheme is active in academics and resolving students personal challenges. Opportunity exists for all students to excel in academics and Sports.

Student associations of DYPSOE organizes Annual Sports, Technical and Cultural events within campus, and participates in inter-university, State and National level competitions.

Anti-Ragging, Women's Grievance Redressal Cell, Anti-Sexual Harassment, Student Disciplinary Committee and Disaster Management support has been formed for all around safe campus.

Alumni association of the college is active and organizes Alumni meets and interacts throughout the year, invites them to guide present students. Training & Placement Cell has a robust campus placement and career guidance activities.

Teaching-learning and Evaluation

DYPSOE follows the admission process as per the guidelines given by the Government of Maharashtra under the aegis of State Common Entrance Test Cell and the Directorate of Technical Education, through the Centralized Admission Process. The students who have been granted admission come from diverse background and also as per the reservation policy. DYPSOE has strategy to support students to receive financial aids from Government of Maharashtra.

Qualified, experienced and competent faculties have developed an effective Teaching, Learning Process to transfer the knowledge to the students. All the departments of DYPSOE systematically develop action plans for effective implementation of the curriculum in consideration with the Savitribai Phule Pune University academic calendar. A healthy and conducive working environment at the institute adds to the faculty's enthusiasm.

Students get academic, personal guidance and livelihood counselling from the concerned Guardian Faculty Members, Class Teachers and Heads of the Departments. The Teaching, Learning Process is monitored and governed by Dean Academics. Faculty members are encouraged and financially supported to participate in seminars, workshops, conference. Examination reforms, structure and evaluation processes of SPPU and DYPSOE regularly sensitize students. DYPSOE focuses on continuous assessment methods of students for ensuring the attainment of stated Graduate attributes. The institute has defined Program Educational Objectives (PEOs) and Program Outcomes (POs). The performance of the students in university examinations and assistance in placement opportunities are the result of outcomes of these programs.

Governance, Leadership and Management

The management of DYPSOE plays an important role in providing excellent infrastructure facilities and healthy teaching - learning environment. The Director along with Head's of Departments provides academic leadership and tries to percolate the qualities of leadership amongst the faculty, staff and students.

Head's of Departments in consultation with the Director decide the strategies of individual departments. They also take a review of academics, research, placement and execution of various activities of all the departments. The parameters of performance appraisal system of faculty and support staff are in place to evaluate and ensure the effectiveness of the individual. Various sources of feedback are available to the management from the stakeholders that are used to ensure reinforcement of the culture of excellence. Welfare scheme is available at the institute for faculty and the support staff to create a sense of ownership.

The financial plan of the institute reflecting in the annual budget is based on the requirements of recurring and

nonrecurring expenditures. The institute has mechanisms for an annual audit to ensure the budget utilization and proper documentation with respect to the books of account. The institute has prospective development plan to be called as the Center of Excellence in the field of Technical Education and Research which also includes association with industries and other collaborative research programs.

Curricular Aspects

DYPSOE is affiliated to the SPPU and follows the curriculum stated by the university. Faculty members participate in the curriculum design workshops conducted by the university. Savitribai Phule Pune University considers the feedback from various industries and alumni to develop the curriculum of different programs. Every department frames the academic calendar to nurture the students in the right direction as per SPPU academic calendar. Experienced faculty and staff are putting their efforts to enable students to get good academic performance in the university examinations. Continuous monitoring of syllabus coverage by individual faculty and assessment of students at the proper stages of the semester helps in achieving consistent improvements. Student training programs conducted are used to bridge the gap between curriculum and industry. Seminars, workshops, tie-ups through a Memorandum of Understanding with industries, industrial/site visits, participation in various technical activities and value-added programs are also regularly conducted to facilitate students learning beyond the prescribed syllabus. Various certificate courses are conducted for professional development of the students in preparing them industry ready.

Infrastructure and Learning Resources

DYPSOE has sufficient infrastructure and well-equipped laboratories in every department as per the AICTE norms for quality Teaching Learning Process and Research. The campus is supported with a hostel for boys and girls along with the necessary facilities. Classrooms are well-equipped with LCD projectors. The computing facility within the campus is supported by LAN, high speed internet connectivity and Wi-Fi.

The institute library consists of 906 reference books and 10838 volumes along with e-journals. The reading hall is available to all the students. Library with computing and internet facility gives easy access to Science Direct. The library has institutional membership of DELNET, Automotive Research Association of India, National Digital Library of India, South Asia Archive.

The Institute encourages the students to participate in various sporting activities. Students have access to the indoor and outdoor sports facilities in the campus. The institute offers a platform for the students to experiment their innovative projects while participating in the National competitions.

Cultural activities are also encouraged in the institute and the desired support is provided through finance and infrastructure.

The institute has a standby arrangement of Diesel Generator to satisfy the need of the electric power at the institute. The institute has a dedicated supervisor of maintenance of equipment and computing facilities of the institution.

Research, Innovations and Extension

The institute has established a Research and Development (R&D) cell to promote research and consultancy. The Research Committee comprises of Dean(R&D), Heads of Department and Research Coordinators for promoting various research activities. The institute has unique R & D incentive scheme for strengthening interdisciplinary research. The faculty are duly recognized and encouraged to participate in various workshops and conferences, to remain abreast with latest knowledge and technology updates. Institute has made financial provisions in the budget to cater needs of the research. Furthermore, through workshops and seminars supporting mechanism, Standard Operating Procedure has been developed to encourage in the publications and patent filing. Students and faculty are motivated to pursue industry sponsored projects.

DYPSOE promotes faculty and students by facilitating and motivating them to participate in research related activities

through attending conferences, publication of research papers in UGC recognized journals.

In addition Board of College and University Development (BCUD) of Savitribai Phule Pune University supports research activities of the institute by providing research grants for research activities.

In this regard DYP SOE has received grants from Savitribai Phule Pune University under the Research Proposal Scheme since last five years. Regular interactions with research organizations and industries also gives a platform to take live cases of industries.

Institutional Values and Best Practices

DYP SOE has adopted environment-friendly policies on plantation, waste and water management. E-waste generated in the institute are collected and dispensed to an external agency.

Institutional values are regularly disseminated to all stakeholders through Institutional website, notice boards and Institutional events. Guardian Faculty Member (GFM) scheme for counselling of students, acknowledgement of efforts taken by the faculty for academic excellence.

Innovative practices followed by DYP SOE is Counselling and Mentoring of students. The college seeks to identify the strengths and weaknesses of every student at entry level. His classroom performance measures his understanding of the subjects/syllabi at a purely academic level. However, the development of his overall personality is of utmost importance for boosting confidence levels and ensuring success.

Counselling aims to identify personal issues like low self-esteem, interpersonal relationship problems, cultural differences, alcohol & drug habits if any, depression or suicidal tendencies. It also addresses classroom issues like study skills, time management, examination anxiety and communication with teachers.

The mentor assigned to every batch of 20 to 25 students strives to understand students' academic and personal problems and also identifies those in need of extra academic coaching or personal counselling. The mentor thus guides every student on regular basis for improving their academic performance as well as their personal lives.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	Dr D Y Patil Educational Enterprises Charitable Trusts Dr D Y Patil Group Of Institutions Dr D Y Patil School Of Engineering
Address	Survey No. 136, Charholi (Bk), Via Lohegaon, Taluka- Haveli
City	Pune
State	Maharashtra
Pin	412105
Website	www.dypic.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Director	Santosh S Sonavane	020-67077921	9860157191	-	dypsoe@dypic.in
Professor	Sanjay M Koli	020-67077922	9881045939	-	hod_etc@dypic.in

Status of the Institution	
Institution Status	Private

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	13-07-2010

University to which the college is affiliated/ or which governs the college (if it is a constituent college)		
State	University name	Document
Maharashtra	Savitribai Phule Pune University	View Document

Details of UGC recognition				
Under Section		Date		
2f of UGC				
12B of UGC				

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	10-04-2017	12	For one Academic Year

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	Yes
If yes, has the College applied for availing the autonomous status?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	AICTECII
Date of recognition	08-11-2016

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Survey No. 136, Charholi (Bk), Via Lohegaon, Taluka-Haveli	Urban	12	10024.86

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No. of Students Admitted
UG	BE, Computer Engineering	48	HSC	English	120	104
UG	BE, Civil Engineering	48	HSC	English	60	45
UG	BE, Electronics And Telecommunication	48	HSC	English	120	58
UG	BE, Mechanical Engineering	48	HSC	English	180	122

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	15				29				85			
Recruited	3	0	0	3	2	0	0	2	61	24	0	85
Yet to Recruit	12				27				0			
Sanctioned by the Management/Society or Other Authorized Bodies	12				27				7			
Recruited	0	0	0	0	0	0	0	0	6	1	0	7
Yet to Recruit	12				27				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				76
Recruited	53	23	0	76
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				36
Recruited	28	8	0	36
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	3	0	0	2	0	0	3	0	0	8
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	64	25	0	89

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
		20	6	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	211	58	0	0	269
	Female	50	9	0	0	59
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	27	24	24	23
	Female	9	4	11	4
	Others	0	0	0	0
ST	Male	2	2	1	0
	Female	0	0	0	0
	Others	0	0	0	0
OBC	Male	51	51	73	62
	Female	6	6	8	9
	Others	0	0	0	0
General	Male	219	178	182	161
	Female	39	33	37	26
	Others	0	0	0	0
Others	Male	31	32	36	27
	Female	7	4	4	3
	Others	0	0	0	0
Total		391	334	376	315

3. Extended Profile

3.1 Programme

Number of courses offered by the institution across all programs during last five years

Response : 04

Number of self-financed Programmes offered by college

Response : 04

Number of new programmes introduced in the college during last five years

Response : 00

3.2 Student

Number of students year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1705	2072	1568	1075	924

Number of seats earmarked for reserved category as per GOI/State Govt rule year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
240	240	240	240	240

Number of outgoing / final year students year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
439	432	198	141	1

Total number of outgoing / final year students

Response : 1210

3.3 Academic

Number of teachers year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
104	98	92	82	58

Number of full time teachers year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
104	98	92	82	58

Number of sanctioned posts year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
128	128	124	120	88

Total experience of full-time teachers

Response : 772

Number of full time teachers worked in the institution during the last 5 years

Response : 92

3.4 Institution

Total number of classrooms and seminar halls

Response : 62

Total Expenditure excluding salary year wise during last five years (INR in Lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
709.48	614.59	574.13	457.21	318.23

Number of computers

Response : 504

Unit cost of education including the salary component(INR in Lakhs)

Response : 0.878

Unit cost of education excluding the salary component(INR in Lakhs)

Response : 0.416

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

DYPSOE develops and practices its teaching and learning plan of action for effective implementation and delivery of the curriculum through the well defined processes. The institution follows the curriculum recommended by Savitribai Phule Pune University. Before commencement of semester director conducts a meeting with all the Head's of department for effective implementation of the curriculum. In turn, Head's of Department 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. The students are also informed in advance about the curriculum and semester academic calendar through notice-boards and on website. The execution model of teaching and learning is shown below in figure 1.1.1 For effective implementation of the curriculum, the following process is developed and deployed Once DYPSOE receives the academic calendar from SPPU, Internal academic calendar is prepared by each department to include academic schedules, Co-curriculum and extra Co-curriculum activities. The Timetable for the entire semester is prepared to indicate specific class and laboratory hours. Every faculty prepares a course plan for the subject handled in line with the university syllabus. Faculty prepares extensive lecture notes from university prescribed text and references. Laboratory manuals are prepared so that students can refer practicals and correlate with theory. Student's attendance for individual course has been monitored through attendance sheet. At regular intervals unit test is conducted to monitor the knowledge gain of the subjects. Academic monitoring committee regularly monitors the classes and takes regular feedback of students, staff, addresses any grievances and conveys it to the Head of the Department for corrective measures. Each faculty maintains daily attendance sheet of both theory as well as practical, projects, etc.. A Guardian Faculty Member is appointed for each batch of the class who is overall responsible for the students well being in academics. If the students are not performing well then the GFM get in touch with the parents through telephone or SMS on a regular basis. Teaching faculty feedback from students is taken twice in a semester, analysis is done by the concerned authority and corrective action is taken. HOD and Academic monitoring committee conduct regular meetings to review the teaching learning process, the academic progress of the students, grievances if any, suitable remedial action are taken as and when necessary. Faculty are responsible for maintaining records of Updating lectures and attendance in ERP. Continuous progressive assessment with respect to practical / assignments/ tutorial work. Periodic unit test and re-test. Project work and its progress. These records are audited during the semester by the Head of Department and Dean Academics. It appreciates the efforts, identifies and suggests the area of improvement.

File Description	Document
additional information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 1

1.1.2.1 Number of certificate/diploma programs introduced year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	0	0	0	0

File Description	Document
Details of the certificate/Diploma programs	View Document
Minutes of relevant Academic Council/BOS meetings	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 26.05

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
50	33	21	14	5

File Description	Document
Details of participation of teachers in various bodies	View Document
Any additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years

Response: 0

1.2.1.1 How many new courses are introduced within the last five years

File Description	Document
Details of the new courses introduced	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 100

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 4

File Description	Document
Name of the programs in which CBCS is implemented	View Document
Any additional information	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Response: 12.65

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
735	105	96	58	33

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document

1.3 Curriculum Enrichment

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

Response:

The institution regularly conducts sensitization activity on issues like Gender sensitiveness in public and work place through street plays inviting prominent members of society to interact with the students. A Green Audit and usage of Electricity and Water is conducted and results and prevention of wastages are shared with all members of institutes. Sustainability of environment up keep is disseminated to the participating students through NSS activity. List of some important events Effectively Managing Time while implementing output based education courses Women Day Celebration NSS Activities Workshop on Women Social and Women Law Guideline NSDC Regional level Workshop HAM Radio Activity "IBM Watson Internet of Things" Visit to Doordarshan's High Power Transmitter Station. Internet Of Things. One Week Industry Institute Interaction Industry Institute Interaction Summit Effective managing time while implementing OBE Courses Pilot program to create a Knowledge Universe by using Kexplora Software Applications of Databases in Business World RC Aero-Modelling Industrial Visit to Pawana Dam Advance Lecture on Recent Development in I C Engines. Advance Lecture on Friction Stir Welding Bridge Visit Sangavi Phata Pune Design of Tall Buildings Fostering Sustainability in Infrastructure Development Project State level workshop on Employment skill development.

File Description	Document
Any Additional Information	View Document

1.3.2 Number of valued added courses imparting transferable and life skills offered during the last five years

Response: 18

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during last five years

Response: 18

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking field projects / internships	
Response: 5.68	
1.3.3.1 Number of students undertaking field projects or internships	
Response: 101	
File Description	Document
Institutional data in prescribed format	View Document
List of students enrolled	View Document

1.4 Feedback System

1.4.1 Structured feedback on curriculum obtained from 1) Students 2) Teachers 3) Employers 4) Alumni 5) Parents For design and review of syllabus semester wise/ year wise	
A. Any 4 of the above B. Any 3 of the above C. Any 2 of the above D. Any 1 of the above Response: B. Any 3 of the above	
File Description	Document
Action taken report of the Institution on feedback report as minuted by the Governing Council, Syndicate, Board of Management	View Document

1.4.2 Feedback processes of the institution may be classified as follows:	
A. Feedback collected, analysed and action taken and feedback available on website B. Feedback collected, analysed and action has been taken C. Feedback collected and analysed D. Feedback collected Response: C. Feedback collected and analysed	
File Description	Document
Any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrolment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 3.22

2.1.1.1 Number of students from other states and countries year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
38	75	59	13	49

File Description

Document

Institutional data in prescribed format

[View Document](#)

List of students (other states and countries)

[View Document](#)

2.1.2 Average Enrolment percentage (Average of last five years)

Response: 77.86

2.1.2.1 Number of students admitted year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
315	376	334	391	396

2.1.2.2 Number of sanctioned seats year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
480	480	480	480	420

File Description

Document

Institutional data in prescribed format

[View Document](#)

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 55.75

2.1.3.1 Number of actual students admitted from the reserved categories year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
128	143	120	133	145

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

Analysis of HSC scores is carried out as the students get admitted. This data is used to give inputs for bridge courses and /or remedial coaching. Results of the midterm tests and final examinations are reviewed and analysed. The differential requirements of the student population are categorized as under: a) Academic requirements are analysed based on placement requirement at the entry level. For example, students from some regions lack communication and soft skills or have high Quantitative skills. b) Individual requirements regarding soft skills, behavioural traits, etc., are analysed and addressed through soft skills training programs embedded in programs. c) Special programs are organized in Quantitative Techniques. All these additional inputs are provided to students who are relatively weaker than others by conduct extra classes and tutorials. For students who are having learning difficulties remedial and coaching classes are organized. d) A faculty mentor is assigned to a group of students to address personal and academic problems. e) Academic groups are created in a manner there is diversity of students from different regions as well as diversity in their academic performance. This helps students learning outcomes due to heterogeneity amongst the students. Institute conducts induction/orientation program for freshers addressed by principal, dean of academics, HOD's, teaching fraternity and IQAC as part of quality assurance. On the day of induction program institute provides the activities of institute which covers: Introduction to DYP SOE, and familiarization with institutional processes. Academic facilities like use of library, labs. CEO conducts examination as per SPPU rules, register through rules governing the academics, scholarship and conduct of rules of The University. Successful alumni members are invited to address the freshers. Placement/career opportunity by the Training & Placement officer At the end of the orientation program, an informal students feedback is taken which is then used for filling the gaps in the academic years.

2.2.2 Student - Full time teacher ratio

Response: 14.57

File Description	Document
Institutional data in prescribed format	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0

2.2.3.1 Number of differently abled students on rolls

Response: 00

File Description	Document
Institutional data in prescribed format	View Document

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

Response:

DYPSOE adopts Savitribai Phule Pune University Semester pattern for the Engineering UG programs. The planning and organization process takes into consideration the various events, holidays and likely closure of the university on account of different festivals and national holidays. Academic Calendar is an important document of the University which provides information on activities for the Academic Year, Academic Planning Exercise starts in DYPSOE with the preparation of an Academic calendar which is a guide to students, staff and faculty. It is prepared by each department taking into consideration of duration of conduct of classes and various events. The academic calendar broadly covers dates and duration of following major activities: - Fresher's/Orientation program - Commencement of program/class - Examinations (Internal and External) - Submission of projects/ assignments/reports - Extra- curricular/co-curricular activities Before the start of academic, dean of academics prepares the academic calendar for DYPSOE considering the SPPU academic calendar and circulates to all Head's of Department. Once received the academic calendar from dean of academics the respective head of the departments prepares the academic calendar which includes all the technical events expert talks' co - curricular and extra co-curricular activities of their department and approves it by the dean of academics and director. The approved academic calendar is circulated to all the faculty and students. It is also uploaded on DYPSOE website and notice board for further reference. The teaching plan and evaluation schemes are developed by each department. This is a learning contract between the student and the faculty. The teaching plan consists of learning objectives, session wise plan outlining the topic, androgogy and the background reading material. It also contains the essential and recommended reading and evaluation plan. Typically the evaluation plan consists of the components of internal assessment and the weightages assigned by the faculty to each of the components. The final exam details are also provided in terms of the weightage and the mode of examination. The teaching plan or the course outline is uploaded on notice board. To ensure rigour in learning, faculty advises students on essential and recommended readings for each topic and conducts surprise quizzes and tests from time to time.

2.3.2 Average percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 79.51

2.3.2.1 Number of teachers using ICT

Response: 97

File Description	Document
List of teachers (using ICT for teaching)	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 18.33

2.3.3.1 Number of mentors

Response: 97

File Description	Document
Year wise list of number of students, full time teachers and students to mentor ratio	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

Assigning project work and taking follow up Providing traditional and advanced teaching aids Industry

sponsored projects for final year students High end Wi-Fi based infrastructure for encouraging students to attend free webinar and technical sessions. MOU'S with industries to bridge the curriculum gap and to solve real problems in association industry experts. Providing seminar halls and tutorial rooms Providing computers with relative accessories and aggregates for web based learning Promoting students for self-learning through; Web-based learning, multi-media, Classroom presentations and Technical symposiums. Learning through PPT/ Animations to understand complex problems Generation of facilities and availability of materials for self-learning beyond syllabus Digital Library/ EBooks Advance learning through high end software's Technical value added programs Encouraging faculties to participate in QIP/ STTP/ BOS syllabus implementation workshop etc Encouraging graduates to participate in various technical events. Advanced topic guest lectures are arranged from subject matter experts. Subject wise result benchmark are set

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 73.25

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 4.1

2.4.2.1 Number of full time teachers with Ph.D. year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
7	5	3	3	1

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Average teaching experience of full time teachers in number of years

Response: 6.33

File Description	Document
List of Teachers including their PAN, designation,dept and experience details	View Document

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 10.82

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
17	13	9	5	5

File Description	Document
Institutional data in prescribed format	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 11.99

2.4.5.1 Number of full time teachers from other states year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
11	18	16	17	9

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

The evaluation process helps to ensure an improvement in the student academics. The academic plans and academic calendar inclusive of various activities of the institute is displayed on notice board and website before the start of the semester. The stakeholders of the institute are made aware about the evaluation process by following means: Course Structure and syllabus of respective programme is displayed on University website and on department notice board. At the commencement of the semester, students are notified about the criteria for evaluation of term work. It is also disseminated to all the stakeholders of the programs through student induction programs and parent meetings. Continuous evaluation of practicals. Information of internal examination evaluations and results to the students. Class teachers and subject teachers inform students about evaluation process. We have self-sustained teaching learning model for improvement of graduates skills and teacher up gradation of knowledge. Conduction of theory and practical classes as per Savitribai Phule Pune University guidelines. Additional teaching hours are included for difficult subject The information in all these processes are informed to industry at the time of Training & Placement cycle. Motivation to faculties for continuous improvement through our robust appraisal system.

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

Institution implements all the evaluation reforms as prescribed by the SPPU. In addition, institute has introduced students peer evaluation reforms in transparent manner. Following major evaluation reforms of the University are adopted by the institution – Appointment of College Examination Officer (CEO) Online examinations for first and second year students In-Semester examinations and evaluation for third and fourth year students. Official University conference and project exhibition for UG The marks of term work,

practical/oral and project examination are submitted online to the University. College has adopted credit system for graduate courses as per the SPPU guidelines. Majority of the academic activities such as appointment of examiners, paper setting, paper evaluation, marks filling are operated "Online". The following major evaluation reforms are initiated by the institution on its own- Mock online examination unit wise for FE and SE students. Internal class tests Mock oral and practical examinations Prelim examination Mini project competition-evaluation Final year UG project mock presentation and evaluation Project competition and evaluation Every year institute conduct technical fest, students will show case their talents.

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

Response:

College has well established and defined processes pertaining to evaluation - grievances redressal. These processes based on the type of grievance are – Term works marks evaluation - Such grievances are referred to the Director through head of the department. Concerned subject teaching faculty and Guardian Faculty Member (GFM) resolves the grievance based on documentation. Class test, and Prelim examinations evaluations - The complaints of such examination evaluations are resolved by respective subject teacher and head of the program. University also has set process of grievances redressal. It is adopted and executed at college level too. This includes – Theory examinations - The queries and compliant about this evaluation are recorded by examination section of the college and submitted to University for corrective action. These corrective actions are normally re-evaluation, re-checking, providing photocopy of answer sheet to the student etc. At University level, students can apply for verification, revaluation and for photocopy of answer book. The University examiners re-verify, re-assess the answer books and the revised marks if any, are sent to the institute which are communicated to the respective department and to the student by students section within stipulated time period. Further institute has taken following measures for the effective implementation of the evaluation reforms introduced by the University. Online examinations: The effective implementation of the online examination is ensured by way of display of online examination timetable, appointment of eligible internal supervisors and use of CCTV cameras for monitoring of online examinations In-semester examination: Execution of In semester examination is carried out in following steps In-semester examination is carried out as per SPPU timetable. In-semester and End semester examination question papers are set by SPPU appointed examiners. Junior supervisors are appointed for invigilation Masking of papers and Central Assessment of answer Papers (CAP) is conducted at college level for fair assessment of papers. End semester examination: For smooth conduction of University theory examination, Appointment of examiners is done by SPPU Proper display of examination timetable End semester examination question papers are set by SPPU appointed examiners. SPPU appoints external senior supervisor to monitor the whole examination conduction process in fair and transparent manner. For smooth conduction of University theory examination, Senior Supervisor is appointed who looks after overall conduction of the examination. Junior supervisors are appointed for invigilation. During examination higher authorities surprise visit are taken Appointment of Internal squads by institute CEO Term Work/Practical/Oral examination Final year term work is jointly evaluated by internal and external examiners. The marks of term work, practical/oral examination are submitted online to the University by using a unique username and password generated by a system Director and CEO conducts a meeting with all head's of the department before every semester examination regarding the smooth conduct/implementation of examination rules, where every HOD gives their suggestion on various aspects of examination and evaluation based upon the previous examinations. This enables further improvement in the subsequent examination and evaluation. Conducting a general meeting of all faculty members by the Director/CEO before end semester examination regarding the smooth conduct/implementation of examination rules, where faculty members are encouraged to give their suggestion on various aspects of examination. Then unanimous suggestions are implemented for the subsequent examinations & the evaluations in conjunction with university norms.

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

The institute has a well-defined standard operating procedure to develop the academic teaching plans and followed through a well-defined academic calendar. Dean academics and HoDs plan, prepared and publish on institute website at the beginning of the each semester. The activity calendar shows the start and end of each semester stating various activities to be conducted, the internal evaluation schedule and the tentative schedule of external evaluation. Once received the academic calendar from dean of academics the

respective head of the departments prepares the academic calendar which includes all the technical events, expert talks', co - curricular and extra co-curricular activities of their department and approves it by the Dean of academics and Director. The approved academic calendar is circulated to all the faculty and students. It is displayed and uploaded on DYP SOE website for further reference. We have strong IQAC cell for effective implementation and measure of teaching learning process in the coming future.

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Response:

Institute ensures that the stakeholders are aware of the evaluation process by timely informing them about the various avenues to know about process. We depute the faculty to the various faculty development program (FDP) arranged by the university. Here university authority gives information about the evaluation process followed by them. Principal and dean academic inform the faculty about evaluation process during the semester opening meeting. Again the induction program is arranged for the students and parent at the start of semester . Principal , dean academic and head of department gives detail information about evaluation process to the student and parent. Institute has developed ERP system for academic and administration monitoring purpose. The contact number and email ID of every student and parent is added. Thus the progress is sent on daily basis to student and parent. Content of each subject is divided into six unit. Unit test is conducted after each test and performance of the test is communicated to student and parent . The performance also displayed on departmental notice board. The evaluation report is also given to teacher guardian (TG) faculty of the student. TG then discuss with student and if performance of student is not satisfactory then parent are called Also student is counsel properly. Parent are briefed about evaluation process. The evaluation of the students , learning during semester and till end of semester is carried out in following way Online / insem examination followed by end semester examination . All examination conducted by university. Unit test, mock test , oral examination after each experimentation , quiz, and assignment are carried out by institute to evaluate performance of student internally. The performance of student in internal assessment is communicated and explained to student and parent. The signature of student is taken. The attendance of student is compulsory and every fortnight it is communicated to parent. If attendance is poor then student is counseled PROPERLY. Performance of student in theory, practical, termwork, oral, assignment, unit test and participation in various activity is timely displayed on the notice board. It is also communicated to parent through academic calendar given at the beginning of semester. Also progress report is communicated on regular basis to parent through ERP , website, departmental notice board, phone calls by teacher guardian (TG), sending letters, and Email.

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

The institute facilitates the achievement of the learning outcomes through * lesson plan and notes, *Academic calendar, *Class test,*Self study, *Assignment, * Interactive session, *Seminars and presentations,* Accessibility of teachers, *Library,* Classroom lectures, *Group Study, *Study circle,* Online examination/ insem/ endsem examination, *quiz, *MCQ based on each unit of subject. Teaching aid tools used are NPTL video, Webinars, tutorials, demo, models,GD, Group discussion, brain storming, orientation counseling, Audit of Feedback, Value Added Courses, Program Through Student Chapter, Industrial Visit Institute monitors and ensures the achievement of learning outcomes through the following measures MONITORING : Head of department forms committee at the departmental level to monitor the achievement of learning outcomes. Periodic meetings comprising of the discussion on the progress of syllabus completion, performance of student in class test and surprise test, MCQ test, assignment submission , practical conduction, and attendance is reviwed. Monitoring committee ensure attendance of each student Monitoring committee evaluate the performance of the student in unit test, practical and MCQ test and quiz If monitoring committee found the performance of any student is not satisfactory then it is informed to TG and class teacher. Report is submitted to Principal through HOD. Assessment of project work and presentation is done periodically The evaluation report and mars are displayed on the notice board Ensuring of Learning outcomes: Classtest, Mock oral, MCQ, Online mock test are taken on notified dates and the students are given feedback of their performance with

proper advice for improvement and tips ,as mention below, are given for further enhancement Conducting remedial classes B .Providing study material C . counseling student D. Institute and individual teacher uses evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning E. The overall regularity, performance and sincerity of student matters as an indicator F. Individual teachers uses result of class test, MCQ, quiz, and university online /insem examination as indicator of student performancefor identifying slow learner. Then arranging extra lectures for slow learner. Also providing tips to slow learner for improvement and performance enhancement, 03. Institutional placement is another indicator for measuring students performance 04. Institute/ individual teacher use evaluationoutcome for better planning, upgradation of teaching method, improvement in study material, procuring identified material, changes and improvement in daily academic activity.

File Description	Document
Any additional information	View Document

2.6.3 Average pass percentage of Students

Response: 85.88

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

Response: 1210

2.6.3.2 Total number of final year students who appeared for the examination

Response: 1409

File Description	Document
Institutional data in prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Database of all currently enrolled students	View Document
Any additional information	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years

Response: 9.6

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during last five years(INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
1.4	0	0	0	8.2

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document

3.1.2 Average number of research projects per teacher funded by government and non government agencies during the last five years

Response: 0.04

3.1.2.1 Number of research projects funded by government and non-government agencies during last five years

Response: 04

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

Institution has an entrepreneurship development cell, industry institute interaction cell that encourage forging a relationship between the industry and the institution. Individual department interacts with industry to ascertain its needs to fill the gap in curriculum. The gap is filled by arranging workshops addressed by industry personals. Industry institution relationship works in the following areas: Industrial visits for students and faculties. Field and site visits of students. Consultancy and sponsored projects. Faculty members regularly interact with the industry to understand functional challenges through applied research or student projects. Project conceived by the students are used as case study in few industry. Expert lectures by industry personals for students. Conducting joint technical programs & events with industry

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 74				
3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year wise during last five years				
2016-17	2015-16	2014-15	2013-14	2012-13
20	28	15	06	05
File Description		Document		
List of workshops/seminars during last 5 years		View Document		
Report of the event		View Document		

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research	
Response: Yes	
File Description	Document
Any additional information	View Document
Institutional data in prescribed format	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards	
Response: No	
File Description	Document
List of Awardees and Award details	View Document

3.3.3 Number of research papers per teacher in the Journals notified on UGC website during the last five years				
Response: 0.1				
3.3.3.1 Number of research papers in the Journals notified on UGC website during the last five years				
2016-17	2015-16	2014-15	2013-14	2012-13
16	21	07	03	02
File Description		Document		
List of research papers by title, author, department, name and year of publication		View Document		

3.3.4 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

Response: 0.1

3.3.4.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
16	15	5	6	3

File Description	Document
Any additional information	View Document
List books and chapters in edited volumes / books published	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years Blood donation camps arranged by dept. of E&Tc Date: 22nd Dec, 2015 Location: college campus Impact: collection of Blood by the blood bank. "Save tree" Skit at College arranged Date: 25th dec 2016 Location: Lohegaon Village Impact: Sensitized students on importance of sustains of green environment. Swachatha Abhiyan at Shri Sant Tukaram Road, Lohegaon Date: 28th dec 2016 Location: Lohegaon Village Impact: Create awareness amongst people regarding cleanliness. Importance of Continous Education skit at Shri Sant Tukaram Primary School, Lohegaon, Date: 26th dec 2016 Location: Lohegaon Village Impact: To avoid dropouts at various stages of education. Presentation on Cashless transaction economy by Mr. Kundan Saraf Date: 29th Dec 2016 Location: Lohegaon Village Impact: People to understand the importance of cashless transaction Computer training to Gram Panchyat Staff Date: 27th Dec 2016 Location: Lohegaon Village Impact: staff of Gram panchayat to improve the efficiency of work. Tree Plantation by Gram Sarpanch other village people at Shree Sant Tukaram Mandir Lohegaon Date: 25th dec 2016 Location: Lohegaon Village Impact: Importance for planting more trees. Tree Plantation at ZP School Haran Thale Date: 28th Dec 2016 Location: Lohegaon Village Impact: Importance for planting more trees. Tree Plantation at Moze Park Date: 28th Dec 2016 Location: Lohegaon Village Impact: Importance for planting more trees. a street play "Save water" performed by the NSS students team Date: 28th Dec 2016 Location: Lohegaon Village Impact: Create importance for Water saving. Plastic ani Kacharamukta Pune Mohim by SWO Date: 2015 Location: Mula river area, Vishrantwadi. Impact: Create importance for cleanliness Anti-Sexual Harassment – Seminar Date: 27/2/2017 Location: Campus Impact: Sensitized male-female gender on importance safe campus law & order for women. Visit of students to Rural school Date: 16/01/2017 Location: Wagheshwar Vidyalaya, Chroli Village, Pune dist. Impact: Create awareness and beneficial pursuing higher education Cashless & Online Transactions- by EESA Date: 16/01/2017 Location: Wagheshwar Vidyalaya, Chroli Village, Pune dist. Impact: Create awareness for Cashless & Online Transactions Stress Management Date : 07/02/2017 Location : In campus Impact: Create awareness to reduce stress in daily life. Tree plantation by Mech dept Date: 08/07/2017 Location: Campus Impact: Create awareness for reducing global warming Tree Plantation organized by institute Date : 22/12/2013 Location : Old labor camp Impact : Importance of tree and environment Dental checkup organized by institute Date : 22/12/2013 Location : OPD Dental Building Impact : Importance of Dental health Presentation on "Importance of Cleanliness for Good Health" Date : - 27/12/2016 Location: - School of Lohegaon Impact: - Create

importance of cleanliness. Also helped to understand the methods of cleanliness and advantages of the same. Skit on "Save Girl Child" Date:- 29/12/2016 Location: - School and Roads of Lohegaon Impact:- Gender sensitization. Vittiya Saksharata Abhiyan Date: - January-2017 Location:- Lohegaon locality. Impact: -NSS Students sensitized to use better method of cashless business transactions. Census Data Collection as a Requirement of SPPU Date: - 25/12/2016 to 31/12/2016 Location: - Lohegaon Village Impact: - A census was conducted in Lohegaon Village in understanding the living condition/standard of living. The census result was shared with SPPU to improve basic civic amenities of people living in these areas. Plastic and Waste Free Environment International Day of Yoga in DypSOE, Lohegaon Date : 22 June 2015 Location : DYPatil School of Engineering campus Impact : Awareness on Health and Happiness through yoga Second International Day of Yoga in DypSOE, Lohegaon Date : 21 June 2016 Location : DYPatil School of Engineering campus Impact : International teacher, Mr. Uttam Kumar Mandal interacted with student on Health and yoga International Day of Yoga in DypSOE, Lohegaon Date : 21 June 2017 Location : DYPatil School of Engineering campus Impact : Yoga expert, Prof. Harbans Chauhan interacted with student on Health and yoga Skit and One-Minute-Games for children of SPARSH Balgram and donation to SPARSH Balgram Location : DYPatil School of Engineering campus Impact : Interaction with HIV/AIDS infected children

3.4.2 Number of awards and recognitions received for extension activities from Government /recognised bodies during the last five years

Response: 1

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	0	0	0	0

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years

Response: 19

3.4.3.1 Number of extension and outreach programs conducted in collaboration with industry,community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc.,year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	13	2	0	0

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document
Any additional information	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 6.92

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
99	447	79	0	20

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 61

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
31	12	7	9	2

File Description	Document
Number of Collaborative activities for research, faculty etc.	View Document
Copies of collaboration	View Document

3.5.2 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 20

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
3	11	3	0	3

File Description	Document
Details of functional MoUs with institutions of national, international importance, other universities etc. during the last five years	View Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

The college has well equipped and adequate classrooms with green boards, LCD projection system and Wi-Fi facility with LAN connectivity. Thus videos are shown to the student for better understanding and enhancing their knowledge. The students also develop their presentation skill by using these facilities. The classrooms have sufficient and good quality furniture's. The lectures in classrooms are conducted using microphones so as to be audible to entire class. The college has tutorial room's discussion on Projects, seminar and completing assignments. Laboratory All laboratories are well equipped with latest equipment's which are calibrated as per the norms. The practical's are performed as per the SPPU syllabus. The Charts and models are also displayed in laboratory for easy understanding of practical's. The practical's are also conducted by taking help from Virtual lab software where all the students are registered. This system of conducting practical's help in better visualization of the process of experiment. Language lab is also set up for first year students to improve their communication skill, "MyExamo" online test series is conducted in computer laboratories to enhance capabilities of students for better performance in exam. The college has adequately equipped workshop with various machines. Library The college has right number of books for references as per SPPU curriculum. Library is equipped with books, journals magazines and e-resources. It has a semi-automated OPAC software system integrated with ERP. Library has well-furnished reading room with 24x7 Wi-fi facility and Multimedia PCs. Book Bank scheme is also available to the economically meritorious students. Training Placement cell and Institute Industry interaction cell T&P cell facilitates arranging training session, placement drive, Mock interview and group discussions are regularly practiced. Institute Industry interaction cell arranges site visit, gives guidance to final year students for industrial Projects and facilitates with summer internship and cell helps in entering MOU with industries. Seminar Halls The college has two Seminar halls with ICT facility for conducting subject matter expert lectures, paper presentation, conferences and workshops. Knowledge Sharing Lateral advancements have seen the rise of another economy where knowledge has turned into a valuable asset and resource. The dynamism of the new economy expects us to rapidly adopt knowledge and apply information rapidly. One conceivable approach to do as such is to share our insight viably. Knowledge sharing is visualized as a characteristic movement of the academic establishments. The quality seminars, workshops, conferences, publications and inter disciplinary projects are the ways through which knowledge sharing is achieved.

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

Response:

1. The college has adequate sports facilities for students. The details are as under. a .Basketball two courts (Synthetic) size-(28x15) meters. b. Volleyball-two courts size-(18x9) meters. c. Football cum cricket stadium/field one-(90x45) meters. d. Tennis four courts (Synthetic) size-23.6x8.18 meters. e. Badminton hall indoor (three courts) size- (13.40x6.10) meters. f. Central Auditorium – 300 square meters. 2. Inter college and intra college matches are held at our campus. University events for Pune District for basketball, football cricket tennis and badminton are held in our campus. Various functions like fresher parties, farewell functions, yoga day, celebration of festivals, awareness on NCC etc are held in auditorium.

File Description	Document
additional information	View Document

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

Response: 25.81

4.1.3.1 Number of classrooms and seminar halls with ICT facilities	
Response: 16	
File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.				
Response: 41.75				
4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year wise during last five years (INR in lakhs)				
2016-17	2015-16	2014-15	2013-14	2012-13
250	255	275	205	125
File Description	Document			
Details of budget allocation, excluding salary during the last five years	View Document			

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)
<p>Response:</p> <p>An Integrated Library Management System (ILMS), also known as a library management system (LMS) is an enterprise resource planning system for library, used to track items owned, orders made, bills paid, and patrons who have borrowed. The Central Library of DYPSOE is partially automated by Synthesis IMS (ERP) software. The synthesis IMS is an Institute Management System. This system enables efficient library administration to cater user services. The ERP system has various following modules as under; Circulation (lending materials to patrons and receiving them back): In the library circulation module provision is made to issue/return/renew for books circulation, non-print material circulation (CD, DVD, etc.) and serial circulation (Print Journals/Magazines). Setting: In the setting module provision is made for holiday settings, Library rules setting, generate the barcodes, listing of books (by authors, publishers, suppliers), printing of member barcode, etc. There is provision for immediate confirmation of library transactions through the email and message alert facility. OPAC: Online Public Access Catalog for searching the library resources. User can search the library resources as per follows: 1.General Search: Title Author Publication Keywords Classification no. 2. Advance Search: The searching can be done with various combinations Title Author Publication Keywords Classification no. 3. Accession Search: Search can also be done through the accession numbers without remembering the title or author of the book. This facilitates fast & accurate searching. Reports: This is an important component of the Integrated Library Management System (ILMS) which helps to generate various reports/ returns. The following reports are generated through this module: Books Issue/Return date wise, user wise, department wise, etc. Reports required for various statutory bodies and inspection teams. History of user and library resources. This will help in maintaining optimum stock of the concerned resources. Tracking of the library resources. Serials: This is an important module of the Integrated Library Management System (ILMS) to maintain and keep record the serials (Print Journals, Magazine, bound volumes and Newspapers). Through this module we can track the subscription period and renewal date of the serials.</p>

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

Rare Books The library of DYP SOE has downloaded various rare books from Rare Book Society Of India (RBSI).The collections are stored in kindles and are accessible to the students and faculty as reference material for enrichment of their knowledge. Competitive Exam The library of DYP SOE is well stocked by books on competitive exams like GATE, MPSC and UPSC .The students prepare from these books and get benefitted for these exams. Kindles To encourage e-reading Kindles are kept in library which have wealth of information in single gadget besides giving a feel of printed book. This way library of DYP SOE is keeping a pace with digital revolution in reading. Autobiographies and Biographies The autobiographies and biographies of great people are kept in library which includes scientists, Engineers and leaders. Great deal of motivation is being imparted by these books to our students. Editorials The collection of editorials and important articles from all the national newspapers are displayed in the library to enrich the General Knowledge and Current Affairs of students. IS Codes Separate racks are provided of IS Codes as reference material to the students to peruse and apply their contents for project work and furtherance of knowledge.

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

- A. Any 4 of the above
B. Any 3 of the above
C. Any 2 of the above
D. Any 1 of the above

Response: B. Any 3 of the above

File Description

Document

Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.

[View Document](#)

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in lakhs)

Response: 9.83

4.2.4.1 Annual expenditure for purchase of books and journals year wise during last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
12.33	12.4	4.43	7.51	12.47

File Description

Document

Details of annual expenditure for purchase of books and journals during the last five years

[View Document](#)

4.2.5 Availability of remote access to e-resources of the library	
Response: Yes	
File Description	Document
Details of remote access to e-resources of the library	View Document

4.2.6 Percentage per day usage of library by teachers and students	
Response: 3.42	
4.2.6.1 Average number of teachers and students using library per day over last one year	
Response: 65	
File Description	Document
Any additional information	View Document
Details of library usage by teachers and students	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi	
Response: In DYP SOE all computers are connected with LAN and internet using CAT6 cables. It gives information via connectivity of 70 Mbps to DYP SOE. DYP SOE is Wi-Fi enabled to enjoy the internet irrespective of where you are in the campus. The Computer laboratories are equipped with state-of-the-art technology and is available to all. DYP SOE has a very strong IT Departments which takes care of the updates of its IT facilities in terms of hardware and software upgrades, installation of new wifi devices when need arises, upgrading of cyberoam firewall softwares. The college usages ICT/ERP in improving efficient teaching learning process besides increasing the automation in administration	
4.3.2 Student - Computer ratio	
Response: 3.53	
File Description	Document
Student - Computer ratio	View Document

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)	
<5 MBPS 5-20 MBPS 20-35 MBPS 35-50 MBPS Response: >=50 MBPS	

File Description	Document
Details of available bandwidth of internet connection in the Institution	View Document
Additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Response: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 100

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
709.48	614.59	574.13	457.21	318.23

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document

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.

Response:

Physical facilities The physical facilities including Laboratories, Classrooms and Computers and so forth are made available for the students those who are admitted in the college. The laboratory expenses of the students are included in the yearly fees at the time of the admission. The college yearly allocates budget for the maintenance of the laboratories and the classrooms which a part of the teaching and the learning processes. The classrooms boards and furniture facilities are utilized regularly by the students. The maintenance and the cleaning of the classrooms and the laboratories are taken care by third party contract experts and non-teaching staff. The college garden is maintained by the gardener appointed by the institute. The college has adequate number of the computers with internet connections and the utility software's distributed in different locales like office, laboratories, library, departments etc. All the stakeholders have equal opportunity to use those facilities as per the rules and the policies of the institution. The central computer laboratory connected in LAN is open for the students, the office computers which are also connected through the LAN is consisting of the all the required software making work easier and are restricted to use only by the appointed office staff. The library computers are connected with LAN and internet and also they are loaded with the library software. The

departments and the staff can make use of the computer system with internet at their seating places, all that computer related facilities are given a contract of their maintenance annually to Team One Computers. The college website is developed and regularly maintained by in-house team of software professionals. The maintenance of UPS and the Generator is regularly done by third party contract and the expenditure is done from college budget. Academic and Support Facilities The academic support facilities like library, sports and other platforms supporting overall development of the students like NSS or Competitive examination cell etc. is open for the entire stakeholder. A provision of the budget for the library maintenance is made by the college management. The activities like fumigation and keeping library clean is done frequently by library staff. The sport department of the college is meritorious and some credit defiantly goes to the adequate infrastructure consisting of the Indoor Hall for badminton, basketball court, long tennis court, football ground and running track which can be used by student and staff. A budget is allocated for the maintenance of that facility.

NAAC

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 38.32

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
680	781	587	465	308

File Description	Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document
upload self attested letter with the list of students sanctioned scholarships	View Document

5.1.2 Average percentage of students benefitted by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 0.35

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	1	0	10	5

File Description	Document
Any additional information	View Document
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	View Document

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses

7. Yoga and meditation
8. Personal Counselling

- A. 7 or more of the above**
B. Any 6 of the above
C. Any 5 of the above
D. Any 4 of the above
Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document

5.1.4 Average percentage of student benefitted by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 22.38

5.1.4.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
662	604	102	402	00

File Description	Document
Number of students benefitted by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 Average percentage of students benefitted by Vocational Education and Training (VET) during the last five years

Response: 0

5.1.5.1 Number of students attending VET year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
00	00	00	00	00

File Description	Document
Details of the students benefitted by VET	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years				
Response: 15.53				
5.2.1.1 Number of outgoing students placed year wise during last five years				
2016-17	2015-16	2014-15	2013-14	2012-13
182	151	1	1	0
File Description		Document		
Details of student placement during the last five years		View Document		
Self attested list of students placed		View Document		
5.2.2 Percentage of student progression to higher education (previous graduating batch)				
Response: 0.23				
5.2.2.1 Number of outgoing students progressing to higher education				
Response: 1				
File Description		Document		
Details of student progression to higher education		View Document		
Upload supporting data for student/alumni		View Document		
5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: NET/SLET/GATE/ GMAT/CAT, GRE/ TOFEL/ Civil Services/State government examinations)				
Response: 21.45				
5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during last five years				
2016-17	2015-16	2014-15	2013-14	2012-13
1	2	1	1	1

5.2.3.2 Number of students who have appeared for the exams year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
65	75	61	72	1

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document
Upload supporting data for the same	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.

Response: 22

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
4	4	7	7	0

File Description	Document
e-copies of award letters and certificates	View Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

DYPSOE aims for all round development of students. From academic year 2016, DYPSOE has established the student council. The primary objective of creating Student Council is to assimilate and integrate the students from all the constituent schools across various departments within Pune University and other locations and to provide the students a platform to harness their creative activities in an integrated manner. The institution aim is to promote collective and constructive leadership within student community At the Student council, being the apex body organizes various activities with the help of the faculty. There are.. student bodies in total, with 4 core cells and 5 functional Cells and 7 Interest Based Cells along with the student council to keep students engaged in activities apart from their regular academic work and to network and to showcase their talents. Since the past 5 years, DYPSOE students have participated in many prestigious Corporate Competitions like

SAE BAJA competitions, Paper presentation, Project competitions, Roborace and many others organised by leading corporates. The students also get to attend the seminars and Workshops of eminent personalities which are held all-round the year. "AJINKYA Techfest 2K16", cultural fest "ETERNITY 2K16, 2K17" are some of the most looked upon events that enrich the experience of students community. These provide a platform for the students to showcase their talents and nurture them. Apart from them, we also have events and competitions conducted by the various student-run Cells which keep the students active throughout the year. The student activities are 50% funded by University and 50% funding is raised by students via sponsorship. A number of events are organized by the student run clubs under the guidance of faculty in charge student activities, like Sports, National service scheme, blood donation camps, annual cultural fest, etc. Students participate in number of co-curricular activities. Such an engagement facilitates overall grooming and the school encourages all these co-curricular activities and actively supports them. Every student club is assigned to a faculty in charge and the faculty provides guidance and mentoring support to the student clubs. The following cells facilitate student development under the mentorship of the respective faculty in charges, Student Council, Placement Cell Industry-Institute Partnership cell, Social Responsibility Forum.

File Description	Document
Any additional information	View Document

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 13.6

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
23	23	11	11	0

File Description	Document
Number of sports and cultural activities / competitions organised per year	View Document
Report of the event	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

The institute established Alumni association in the current academic year 2017-18, previously department wise Alumni-Meet was informally conducted. Head of departments maintains regular contacts with the Alumni, to network and collaborate. The institute regularly invites the alumni to conduct expert lectures, seminars and workshops. The institute also invites the alumni for placement talks, entrepreneurship activities and financial contribution for the development of the students.

5.4.2 Alumni contribution during the last five years

<1 Lakh
1 Lakh - 3 Lakhs

3 Lakhs - 4 Lakhs
 4 Lakhs - 5 Lakhs
 Response:

File Description	Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during last five years

Response: 12

5.4.3.1 Number of Alumni Association /Chapters meetings held year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
04	04	04	0	0

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	View Document
Any additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

Vision: To attain Academic Excellence by end of year 2022. Mission: DYP SOE steadily translate its vision into reality through innovation, student's accomplishments, faculty integration with industries and society inclusive of academic programs. DYP SOE strategy hinges its core belief that all programs must enhance the employability of students and also develop entrepreneur through an integrated and interdisciplinary approach. DYP SOE establishes linkages with industries and creates center of learning to ensure that the curriculum is contemporary. In order to fulfill its mission DYP SOE has a well -built system of Governance that provides leadership and support at all times for enhancing teaching, research and consultancy and producing professionals who demonstrate high level of ethical and moral conduct, and high standards of education excellence. The institute is in favor of adopting effective, efficient and contemporary practices to achieve the vision. The achievement of vision through mission and objectives is put before the stake holders effectively thereby making the roles and responsibilities of every stake holder clear to them. To accomplish the task, modular, structured approach is employed by the institute. The leadership ensures availability of required support to the stake holders for executing their duties. Decentralization and operational transparency are the features of the institute. Participative management gives boost to the institute's operation. Institute sets the benchmarks for various processes and contents at par with global standards. The Institute has a perspective plan for its development in accordance with its vision. The perspective plan has been designed by our institute which includes major objectives, such as, accreditation by National and international bodies, introducing recognized research center for all branches, permanent affiliation to Savitribai Phule Pune University, autonomy of the institute, establishing center of excellence and foreign collaborations for higher studies and student placement. Better industry institute relationship through MOU which will enhance the activities of Entrepreneurship Development Cell. The institute will work for establishing and developing incubation centers extending required help to prospective entrepreneurs. Institute understands that along with better management practices and better leadership, faculty members are the important members of the organization. Thus, role of faculty plays a vital role in institutional achievements. As stated earlier, through participative management, the faculties are involved in various decision making bodies of the institute, such as, Local Management Committee, Internal Quality Assurance Cell, Academic Monitoring Cell and Grievance Redressal Cell.

6.1.2 The institution practices decentralization and participative management

Response:

The institution follows the decentralized administration to a considerable extent. Regular meetings are conducted with the academic and the nonacademic staff by Principal. The suggestions and opinions of the staff members are considered. HOD's are delegated with the academic and administrative work. The departmental meetings are conducted by the HOD's with the teaching staff focusing on improving the academics, co-curricular and extra curriculum activities. Various works are imparted to the faculty, timetable, teaching plans, lesson plans, course material, work dairy which is reviewed by the HOD's at the end of the month. In addition to the academic responsibility shouldered, fulltime teaching staff also takes up administrative work and are on the functional committees that cover all aspects of governance of the college. Thus, role of faculty plays a vital role in institutional achievements. As stated earlier, through participative management, the faculties are involved in various decision making bodies of the institute, such as, Local Management Committee, Internal Quality Assurance Cell, Academic Monitoring Cell and Grievance Redressal Cell. All these committees meet and the major decisions taken are to remove delays and ensure total transparency in the procurement of items.

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

Enhancing industry-institute interaction for improving academics, research, and placement activity is important aspect of the institutional perspective plan. The Industry Institute Interaction Cell (IIIC) is formed at the institute level which facilitates interaction between various organizations. Based on the departmental strengths and needs, it was planned to identify the potential organizations for signing Memorandum of Understanding (MoU) for mutual gain. Training and placement department, through its feedback mechanism, identified the requirements of organizations. After receiving the requirements from IIIC and T & P, the department decided to work in a given domain to fulfill them. After deliberations and common consensus, decision about working on specific tasks were decided, that includes resource sharing, project reviews, sponsored projects, internships, training, and placement. Based on mutual convenience and need, one by one activity was implemented. The interaction of industry personnel with the students and faculty members helps to enrich the learning experience. Also, such interactions were helpful to depute the students in industries for internships which in turn, may provide placement to the students. To cite the example Barclay's Skill Development Program played vital role through MoU.

File Description	Document
Any additional information	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

6.2.3 Implementation of e-governance in areas of operation: 1.Planning and Development 2. Administration 3. Finance and Accounts 4. Student Admission and Support 5.Examination

- A. All 5 of the above
 - B. Any 4 of the above
 - C. Any 3 of the above
 - D. Any 2 of the above
- Response:** B. Any 4 of the above

File Description	Document
ERP Document	View Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

Minutes of Meeting Date of Meeting : 26/7/2017 Venue : H.O.D., F.E.'s Cabin Part-I: Recognizing the above, following thrust areas have been identified which require immediate attention Point Discussed: Exchange of Experts between the Institute and Industry Remark: As per academic requirement, 20% of faculty from Industry is expected to teach part of the curriculum, during single academic session and as such the these activities which are conducted at the departmental level will be included as a part of agenda of I.I.I. Cell Point Discussed: Involvement of Teaching Staff in Industry Remark: Faculty from each Mech., E&TC, Computer and Civil should be asked to revive their Industrial contacts through friends and relatives and get involved in their development activities to gain and share technical knowledge which can subsequently passed on to the

students. Point Discussed: Institute as a Consultant in R&D Remark: At present, Civil Engineering Department has initiated the process of bringing consultancy work in R. & D. The other department should also follow the suite. Point Discussed: Establishment of Linkages for T & P activities. Remark: Although the DYPSOE has independent T & P Cell, the departmental Coordinators should also strive hard by exploiting personal contacts in the Industry, to arrange jobs/Apprenticeship for students. Point Discussed: Institutes Self Reliance in Finances (Financial Resources Generation) Remark: Barring BCUD/AICTE schemes, some activities like arranging workshops/training programmes in collaboration with Industry, which can generate funds through participation and sponsorships etc, should be undertaken at department and SOE level under the umbrae of I.I.I Cell. Point Discussed: Sponsored Research & Consultancy from Industry / Private & Govt. Organization Remark: The Departmental Coordinators of four departments should meet Govt/Semi Govt/Pune and Pimpri Chinchwad Municipal Corporations and other such bodies to tap the possible involvement opportunities in development activists like smart city, cleanliness drive, solid waste management, non-conventional sources of energy etc. The Pune Metropolitan Region Development Authority (PMRDA) has already involved many Engineering Colleges in such Projects. Point Discussed: Accreditation from various industries. The Coordinators of Computer and E. & T.C. department may approach Industries to get their laboratories authorized to conduct /run some courses for students and faculty, using the infrastructure of the SOE. Remark: Civil and Mechanical Engineering, in absence of accreditation and sophisticated equipment and machinery may find it difficult for such interaction but they may also try developing rapport with Industries. Point Discussed: Sharing of facilities Remark: The Industries and Bodies like The Institution of Engineers, The Institution of mechanical Engineers, etc should be contacted and offered sharing of SOE's infrastructure (auditoriums and laboratories) to conduct their programmes in SOE. Point Discussed: Establishment of Centre of excellence Remarks: Since the infrastructure requirement of Computer and E & T C department is less as compared to Civil and Mechanical dept. and as such it is easier for them to go for offering facilities to of center of excellence to the budding researchers or developers. Such opportunities should be explored Part-II: Linkages to be established with following prominent non-government and government Non-Government Point Discussed: Confederation of Indian Industries (CII), Western Region, Mumbai Remark: Mr. R.C. Katdare has contacted Confederation of Indian Industries (CII), Western Region, Pune and further planning is on Point Discussed: Pune Industries Association (PIA) Remark: Being approached Point Discussed: Pimpri Chinchwad Industries Association (PCIA) Remark: Being approached Government Point Discussed: Maharashtra Centre for Entrepreneurship Development (MCED) Remark: Being approached Part-III: Enhancing Placement Activity Point Discussed: Composition of I.I.I. Cell Remark: Composition of I.I.I. Cell includes One Coordinator at SOE level and four departmental Coordinators (one from each Civil, Mechanical, Computer and E & T C department). This team has to work in coordination with Dean R & D Cell at SOE level. Point Discussed: MOU with the small scale industries for Internship / Training...etc. Remark: Being materialised

File Description	Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff
Response: Employee's Provident Fund Medical and maternity leave is provided to staff Loan benefits from Ajeenkya Employees Credit Co-op society Ltd. Medical treatment at Dr D Y Patil Dental College Lohegaon on subsidized rates. Free Yoga classes and meditation sessions. The children of both teaching and non-teaching staff are given education in the Dr D Y Patil International School with subsidized fees. Two set of uniform is given to non-teaching staff every year free of cost. Sports facility for staff
6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years
Response: 2.63
6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
08	00	05	00	00

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 1.8

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
02	05	00	02	00

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers attending professional development programmes viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programme during the last five years

Response: 56.85

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
94	79	28	58	07

File Description	Document
Any additional information	View Document
Details of of teachers attending professional development programs during the last five years	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

This contains of three parts. The first part is filled by the faculty. The second part is filled by the Head of the department. The third part is filled by the Head of the Institute. The institute has designed self-appraisal form similar to API (Academic Performance Index of UGC/AICTE) for the teaching faculty members. This form consists of following parameters: Teaching-learning process evaluation FDP/SDP/Industrial training etc. attended for self-development Seminars/Conferences/workshops/courses conducted as coordinator Consultancy work/externally funded research projects Contribution towards extra-curricular and co-curricular activities Specific duties / tasks assigned by HoDs Execution of exam duties assigned by the university Contribution for the benefits of students and institute Community service and extension activities Research contribution in terms of projects, publications and guidance to students Awards/rewards obtained by the faculty and staff Patents obtained Results of subjects taught Books Published Weakness in Teaching through student's feedback Guest Lectures given to outsiders as an expert Appraisal reports are reviewed by the management at the end of every academic year. All the parameters discussed above are reviewed, and specific suggestions are communicated to individuals. Based on the reviews, decisions regarding continuation of the services, regular increments and promotions are taken and communicated accordingly. Strengths and weaknesses are identified through various information sources. Accordingly suggestions are given to concern staff for the further improvement.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Accounts are audited regularly by certified Chartered Accountant appointed by the management. The Accounting Committee looks after the financial audit and it is presented to the certified Chartered Accountant. Funds received from reservation are required to distribute all the students in their account. This account is also verified and audited by government regularly. The last external audit was done in 2016-2017 completed in the first week of October 2017 and no major objections were raised during the audit.

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropers during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropers year wise during last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
00	00	00	00	00

File Description

Document

Details of Funds / Grants received from non-government bodies during the last five years

[View Document](#)

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Apart from the funds received by the institute through fees collection, funds are mobilized as per the policy defined by the institute as follows: Fund mobilization for co-curricular and extra-curricular activities through university schemes Fund mobilization to support needy students through university schemes like "Earn and

Learn”, donations by philanthropists, scholarships and free ships from government schemes and NGOs Forthcoming part highlights the procedure adopted for fund mobilization and utilization. The concerned individual/section/department of the institute raises the fund requirement beyond the allocated budget due to additional, un-planned/urgent activity. The fund seeker takes the follow-up of the agency to which proposal is submitted. If required, presentation is given before the funding agency. On receiving the funds, as per the directives of the funding agency, the funds are handed over to the seeker and its utilization is monitored closely. In case of funded activities, where procurement is involved, standard purchase procedure of the institute is followed. Institute assumes its responsibility for appropriate utilization of released funds either in single installment or multiple. Also, as per the guidelines of funding agency, submits the audited reports along with activity report to the funding agency through seeker.

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

Response:

IQAC cell has initialized result analysis of which explanation is given below. 1) Result Analysis: The result analysis format calculates number of students passed, all clear passing percentage, number of students with distinction, first class, second class, pass class, separate analysis of failed students in theory, practical, subject wise result, score list and overall toppers of the class. 2) Continuous Assessment Record (CAR) sheet: The continuous assessment record sheet maintains the record of experiment wise date of performance, date of submission and marks out of 25/50 as applicable.

File Description	Document
Any additional information	View Document

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

Response:

IQAC has designed the academic feedback form. Considering the complexity of subject, Head of Department decides the benchmark to treat the feedback as satisfactory. The instructions are given to the faculty to improve the teaching learning process whose feedback is not upto defined expectation. Efforts of the faculty are appreciated whose feedback meets defined expectation. The complete process is monitored by the Head of Department and summary of the feedback is reported to the Director/Principal through IQAC. The faculties attend 'Faculty Orientation Workshops' (FoW) of different subjects regularly. The institute encourages faculty to attend such workshops to understand the learner centric Pedagogy. For the change in syllabus, SPPU arranges such workshops along with the other institute to train the faculty for understanding the minute details of the syllabi.

File Description	Document
Any additional information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 11.2

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
56	0	0	0	0

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document

6.5.4 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

- A. Any 4 of the above
 B. Any 3 of the above
 C. Any 2 of the above
 D. Any 1 of the above
Response: C. Any 2 of the above

File Description	Document
Details of Quality assurance initiatives of the institution	View Document

6.5.5 Incremental improvements made for the preceding five years with regard to quality (*in case of first cycle*) and post accreditation quality initiatives (*second and subsequent cycles*)

Response:

Instance of low student's attendance was critical and need to be addressed instant. Departments through IQAC. Initiated Students Mentoring System (SMS). It was required to take the follow-up of habitual absent students regularly. Hence, IQAC cell has implemented students mentoring system which collects personal information of students and parents; phone calling report, any disciplinary issue, personal counseling report etc, class teacher's role played as mentors, there is a remarkable improvement in attendance. This is in practice since last four years. KANBAN practices are adopted in documentation for accurate identification of students from different branches and year to dispense of scholarship, verification of attendance, and collection of fees arrears etc.

File Description	Document
Any additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 1

7.1.1.1 Number of gender equity promotion programs organized by the institution year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
1	0	0	0	0

File Description	Document
List of gender equity promotion programs organized by the institution	View Document
Report of the event	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

- 1. Safety and Security**
- 2. Counselling**
- 3. Common Room**

Response:

The Technical Campus has a robust security system with multiple checks at entry points for all persons and vehicles. Students wear ID cards at all times and outsiders are checked by security staff before allotting visitor IDs. Female faculty members ensure that all girl students leave the campus after late night events like Annual Day. Female faculty and girl students are regularly counselled on safety and security. D. Y. Patil School of Engineering in association with SPPU's Board of Student Welfare had organised a one day workshop on, Social empowerment and legal guidance of women on Women's Day March 8th 2017. Dr. Yuvraj Patil and Mr. Harshwardhan Pawar, well-known lawyers had graced the occasion along with two lady Police Inspectors from Dighi Police Station, Ms. S. P. Phunde, and Ms. R.R. Kadam. Ms. Phunde, Lady PI from Dighi Police station explained the details of section 354, and the amendments made under the same. She encouraged all the students to bring forward any incidents of molestation to Police Station without any hesitation. She assured that as per the law all the necessary legal actions will be taken in favor of victim. Dr. Yuvraj Patil explained legislations for women such as Protection of Women against domestic violence Act 2005 and Sexual Harassment of a woman at workplace Act 2013. He explained in detail how to approach the court of law / protection officer. He clarified the difference between flirting and sexual harassment. Mr. Harshwardhan Pawar showed clippings of Justice Verma report from Jan 2013 and discussed the various cases where women were awarded justice. The institute supports the career progression and development of female professional and academic staff. It provides women with opportunities to grow in their leadership capabilities, build professional skills and participate in important administrative roles in the college. The Student Welfare Officer and Cultural coordinators of SoE are both women.

7.1.3 Alternate Energy initiatives such as:

- 1. Percentage of annual power requirement of the Institution met by the renewable energy sources**

Response: 0	
7.1.3.1 Annual power requirement met by the renewable energy sources (In Kilowatt)	
7.1.3.2 Total annual power requirement (In Kilowatt)	
Response: 96	
File Description	Document
Any additional information	View Document
Details of power requirement of the Institution met by renewable energy sources	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs	
Response: 16.67	
7.1.4.1 Annual lighting power requirement met through LED bulbs (In Kilowatt)	
Response: 2	
7.1.4.2 Annual lighting power requirement (In Kilowatt)	
Response: 12	
File Description	Document
Details of of lighting power requirements met through LED bulbs	View Document
Any additional information	View Document

<p>7.1.5 Waste Management steps including:</p> <ul style="list-style-type: none"> • Solid waste management • Liquid waste management • E-waste management
<p>Response:</p> <p>Solid & Liquid waste management Dust bins marked with “Keep Clean Be Green” have been provided for waste collection. The waste in the campus is disposed in an eco-friendly manner without polluting the environment. Dry waste is collected regularly by PCMC trucks. Paper waste is shredded and sold to licensed purchasers for recycling. The Technical Campus library generates around 65 kilos of old newspapers per month and other paper waste is around 180 kilos twice every year. Wet and biodegradable waste generated in the campus such as canteen waste and dry leaves, is centrally dumped and not burnt. There are 7 compost pits each of 25’x 15’x 8’ which generate adequate fertilizer for the campus. Students of DYP SOE have actively participated in ‘Swachh Bharat Abhiyan’, India’s biggest cleanliness drive, by cleaning the banks of Mula and spreading the message to keep our environment clean. Hazardous Waste Management: Adequate exhaust provisions are made in the Chemistry laboratory and Environmental laboratory to drive out acid fumes. Liquid chemical wastes generated from the laboratories are diluted/neutralized and then discharged. Hazardous waste is disposed by PCMC trucks every Thursday Chemical fire extinguishers are charged periodically from outside licensed agency. E- Waste Management: The life of electronic equipment is extended by appropriate upkeep and minor repairs carried out by laboratory experts</p>

and reused in the campus itself. This way the e waste generation is reduced to some extent. Electronic and computer accessories are given to licensed vendors for recycling.

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

The constant water supply to campus is ensured through enough storage capacity and provisions are made to collect rain water and store it in the pond. Monsoon runoff of roof top water is collected in the pond and used for garden irrigation. A survey has been carried out and storage tanks are being constructed in the campus. Trees and lawns are maintained with water drips and sprinklers to avoid water wastage Waste water is used for gardening.

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

Some of our students from nearby Lohegaon and Dhanori villages cycle to college. Since inception the college has provided transport for faculty and students coming from faraway locations. Private mini SUVs and buses pick students from well-known city points thus saving the expense of individual transport. During the last academic year, thanks to the concerted efforts of technical campus management, Pune Municipal Transport has started bus service upto campus gate at regular one hour intervals. This has greatly reduced the usage of private vehicles by students and lowered the carbon footprint of our campus as a whole. The well laid out campus has footpaths for pedestrians and security personnel at all blind turns and crossings within the campus. The college is phasing out the use of plastic cups in the cafeteria by using paper or china cups. The adoption of ERP is phasing out the use of paper used in student data, leave applications, lecture planning etc. The campus was landscaped and planted with shade giving trees before the commencement of building activity. Thus the fully grown trees provide adequate green cover and reduce greenhouse gases.

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 3.76

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year wise during last five years(INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	42.22	31.00	14.77

File Description

Document

Details of expenditure on green initiatives and waste management during the last five years

[View Document](#)

7.1.9 Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

- A. 7 and more of the above
B. At least 6 of the above
C. At least 4 of the above
D. At least 2 of the above
Response: C. At least 4 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 19

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
13	2	2	1	1

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 14

7.1.11.1 Number of initiatives taken to engage with and contribute to local community during year wise during last five years

2016-17	2015-16	2014-15	2013-14	2012-13
12	1	1	0	0

File Description	Document
Details of initiatives taken to engage with local community during the last five years	View Document
Report of the event	View Document

7.1.12 Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff	
Response: Yes	
File Description	Document
Any additional information	View Document

7.1.13 Display of core values in the institution and on its website	
Response: Yes	
File Description	Document
Any additional information	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations	
Response: Yes	
File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document

7.1.15 The institution offers a course on Human Values and professional ethics	
Response: No	

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions	
Response: Yes	

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years	
Response: 04	
File Description	Document
List of activities conducted for promotion of universal values	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

The institutions diligently and with fervor follows and practices all prominent national and state functions . The institution practices pluralist approach towards all religion functions and encourages the students and faculty to showcase the same. Republic Day, Independence Day, Ganesh Festival, Guru Purnima, Gandhi Jayanti , Shivaji Jayanti, Maharashtra Foundation Day , Teacher's Day, Engineers Day, Founders Days , to name a few

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

The functions of the institution and its academic and administrative units are governed by the principles of participation and transparency. Formulation of development objectives, directives and guidelines with specific plans for implementation by aligning the academic and administrative aspects improves the overall quality of the institutional provisions. Effective leadership by setting values and participative decision- making process is key not only to achieve the vision, mission and goals of the institution but also in building the organizational culture. The formal and informal arrangements in the institution to co-ordinate the academic and administrative planning and implementation reflects the institutions efforts in achieving its vision. The institution has developed strategies for mobilizing resources and ensures transparency in financial management of the institution. Budgeting and optimum utilization of finance as well as mobilization of resources are the key issues handled by the SOE Management. There are established procedures and processes for planning and allocation of financial resources which leads to effective & efficient use of Financial resources. The Budget Process which is an inclusive and collaborative process is as follows: Departmental Budget Templates are circulated to collect the Budget Requirements for the forthcoming year. The respective HODs of the departments then submit the requirements in the Standardized format which are consolidated. The various heads of the budget include the department capital requirements, staff cost based on the manpower plan, student & faculty related expenses, event expenses, research & development, administrative expenses including lab consumables, repairs & maintenance & other infrastructure related expenses, etc. The utilization of the current year approved budget along with the budget projected for the forthcoming year is presented to the Finance Committee after discussions in the Executive Committee. After the approval of the finance committee, it is also approved by the Governing Council. . Feedback from the stakeholders on a regular basis and acting on the same is an effective mechanism to ensure transparency and effective management.

7.2 Best Practices

7.2.1 State at least two institutional best practices (as per NAAC template)

Response:

Teaching Learning Process Objectives of the Practice: College assesses the learning needs of every student at entry level to establish specific learning objectives, develop teaching - learning strategies and plan of action. Each student gets an opportunity to learn at his pace and pass percentage is improved. The Context: Academically bright students from non-urban backgrounds are daunted by the change of culture and face adjustment issues, addiction risks and language problems which need atypical teaching methods. The Practice: The teacher first introduces and discusses the topic and encourages students to share their understanding of the topic. Slow learners are thus identified during the first fortnight of theory classes. After completion of their practical, extra coaching is provided and topics taught in the class are revised. Difficult problems are initially set only for advanced learners who are encouraged to visit the library to read up journals and papers . Home assignments and class tests help to evaluate overall performance and understanding levels. Attendance is monitored regularly and only students fulfilling the 75% attendance criterion are permitted to submit feedback regarding the teaching learning process. Feedback is reviewed regularly and every teacher is motivated to do their best. Evidence of Success: The results of year-wise annual examinations show a marked increase in the pass percentage from first to final year of the four year engineering course. Problems Encountered and Resources Required: Time and locational disadvantage is a major constraint as remedial

classes need to be conducted for slow learners while simultaneously covering the syllabus effectively for the entire class. Counseling and Mentoring Objectives of the Practice: Counseling aims to identify personal issues like low self-esteem, interpersonal relationship problems, cultural differences, alcohol, drug habits, depression or suicidal tendencies. The Context: The mentor assigned to every batch of 20 to 25 students strives to understand students' academic and personal problems and also identifies those in need of extra academic coaching or personal counselling. The Practice: Regular counselling right from entry level helps our students to cope with the culture changes and also warn them of the pitfalls while dealing with urban peer pressures. The mentor encourages students to explore co and extracurricular opportunities on the campus to ensure all round holistic development. Sessions are conducted during practical slots allocated in timetable. Attendance is strictly monitored, reasons for low attendance discussed and parents contacted. College conducts regular life skills and career counselling sessions, workshops for students on personality development, time management, soft skills and communication skills, engineering career options, placement opportunities, career development and professional practices. Every student is encouraged to participate in co and extra-curricular activities and sports matching with his hobbies and interests. Evidence of Success: Students coming from semi-rural and rural backgrounds are groomed successfully to face on campus interviews of leading companies and industries. Our mentors have changed depression into determination to face academic and personal challenges. Students have been coaxed to work hard, overcome difficulties and achieve remarkable success. Problems Encountered and Resources Required: The limited window for one on one personal interaction with students outside the classroom limits the effectiveness of all counselling and mentoring activities.

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

Institution distinctively of its vision, priority and trust, engages students and involve them to develop indigenous products. These products are critical towards achieving Academic Excellence through practice, thereby exposing students to inculcate life long learning habit. Stated below our achievements. Indigenous developed products such as Rescue System for Borewell Accident. The mechanism to rescue children trapped in unmanned/open borewell. Students develop and manufacture basic classroom products like benches, tables etc. Ambience of teamwork and life skills are learnt. Students competitive sprits are encouraged by allowing them to build and participate in competitive Go-Kart racing, touch screen, vermi culture, vermi composting, water distribution saving, convience cycle, using rubber waste for road construction, fodder seaving machine, water conservation devices.

5. CONCLUSION

Additional Information :

Dr. D Y Patil School of Engineering believes, in its contribution to the engineering education sector, and applying for NAAC is an important step towards Quality Assurance. Furthermore, the institute is willing to assess and make necessary changes as required in its educational system and academic culture. In addition to this it is therefore essential for the professional institute to receive stakeholder perception towards teaching, learning process and supporting entities. Hence NAAC Application is a step towards self-introspection leading to a further development of the institute focused on excellence.

Concluding Remarks :

Dr. D Y Patil School of Engineering (DYPSOE) commenced in 2010 with the B.E. Programmes in four disciplines. Since then the Institute has progressed in overall functioning year- on - year; keeping in line with its Vision and Mission. In order to fulfill its mission DYPSOE has a well -built system of Governance that provides leadership and support at all times for enhancing teaching, research and consultancy and producing professionals who demonstrate high level of ethical and moral conduct, and high standards of education excellence. We ensure that every alumnus looks back at us and says DYPSOE has not merely taught us, it has educated us.