

The Annual Quality Assurance Report (AQAR) of the IQAC
(For Affiliated/Constituent Colleges)

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution Dr. D. Y. Patil School of Engineering

- Name of the Head of the institution : Dr. E. B. Khedkar
- Designation: Director
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no.: 020-67077922
- Mobile no.: 9822621000
- Registered e-mail: diretor_dyptc@dypic.in
- Alternate e-mail : khedkar@dypic.in
- Address : Dr. D. Y. Patil Knowledge City, Charholi (Bk.), Via Lohegaon
- City/Town : Pune
- State/UT : Maharashtra
- Pin Code : 412105

2. Institutional status:

- Affiliated / Constituent: Affiliated
- Type of Institution: Co-education/Men/Women Co-education
- Location : Rural/Semi-urban/Urban: Urban
- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing
(please specify): Self Financing

- Name of the Affiliating University: Savitribai Phule Pune University, Pune
- Name of the IQAC Co-ordinator : Dr. Sanjay M. Koli
- Phone no. : 020-67077922

Alternate phone no. 9881045939

- Mobile: 7755945939
- IQAC e-mail address: iqac_dypsoe@dypic.in
- Alternate Email address: sanjay.koli@dypic.in

3. Website address: www.dypic.in

Web-link of the AQAR: (Previous Academic Year):

<http://www.dypic.in/downloads/soe/AQAR%202016-17.pdf>

4. Whether Academic Calendar prepared during the year? Yes

if yes, whether it is uploaded in the Institutional website: Yes

Weblink:

<http://www.dypic.in/downloads/soe/Academic%20Calender%202017-18%20Sem-I.pdf>

<http://www.dypic.in/downloads/soe/Academic%20Calender%202017-18%20Sem-II.pdf>

5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	B+	2.61	2017	from:03/07/2018 to: 02/07/2023

6. Date of Establishment of IQAC: DD/MM/YYYY: 19/07/2016

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
<ul style="list-style-type: none"> • <i>Regular meeting of IQAC</i> • <i>Timely submission of AQAR to NAAC</i> • <i>Feedback from stakeholders (students) collected, analysed and used for improvements</i> • <i>Participation in NIRF</i> 	<ul style="list-style-type: none"> • 3 Times in semester & for one hour • January 2019 • Twice per semester 	<ul style="list-style-type: none"> • All HoDs and departmental IQAC coordinators • NA • 103

<ul style="list-style-type: none"> Achievement of Certificates of Online/ MOOC / FDP/ Courses by teaching faculties 	<ul style="list-style-type: none"> NIRF 2019 Nov/Dec 2018 	<ul style="list-style-type: none"> NA 35
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8. Provide the list of funds by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
NIL	NIL	NIL	NIL	NIL

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes

*upload latest notification of formation of IQAC

<http://www.dypic.in/downloads/soe/IOAC%20Composition%202017-18.pdf>

10. No. of IQAC meetings held during the year:09

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.....

Yes/No: Yes

<http://www.dypic.in/iqac-mom.htm>

http://www.dypic.in/downloads/soe/AQAR_Action%20Taken%20Report.pdf

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? No ✓

If yes, mention the amount: NIL Year: NA

12. Significant contributions made by IQAC during the current year (maximum five bullets)

* NIRF participation

* AISHE work 2018-19 (Code: C46648)

* AICTE –CII survey participation

* Achievement of Certificates of Online/ MOOC / FDP/ Courses by teaching faculties

* Establishment of TBI (Technology Business Incubation) centre.

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
http://www.dypic.in/downloads/soe/Plan%20of%20Action%202017-18.pdf	

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14. Whether the AQAR was placed before statutory body? No

Name of the Statutory body: NA Date of meeting(s): -

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?

Yes/No: Yes

Date: 26/03/2018

16. Whether institutional data submitted to AISHE: Yes/No:Yes

Year: 2018-19

Date of Submission: January 2019

17. Does the Institution have Management Information System?

Yes: ✓

If yes, give a brief description and a list of modules currently operational.

(Maximum 500 words)

We have ERP system for the activities of the institution. Currently academic and administrative modules are in operational.

Part-B

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words 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 practical's 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
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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.

1.1.2 Certificate/ Diploma Courses introduced during the Academic year

Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurs hip	Skill development
Whiz-2K17- Mind Games and Quiz Competition	QC1	07.07.17	EMP	Yes
Guest Lecture on "Aptitude Development"	GL1	13.07.17	EMP	Yes
Seminar on "Awareness of IT Courses"	SM1	19.07.17	EMP	Yes
Hands on Workshop on Linux OS	WS1	11.09.17	EMP	Yes
Guest Lecture on Engineering Economics	GL2	12.09.17	EMP	Yes
Android Hands on Workshop	WS2	21.09.17 and 26.09.17	EMP	Yes
Guest Lecture on Turing Machine	GL3	03.10.17	EMP	Yes
Workshop on Computer Networks Lab	WS3	9.10.17	EMP	Yes
3-Days Skills Development Workshop	WS4	10.01.18	EMP	Yes
Boot Camp(C Programming)	BC2	19.06.18 to 28.06.18	EMP	Yes
Boot Camp(Java Using Netbeans)	BC3	19.06.18 to 21.06.18	EMP	Yes

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

Programme with Code	Date of Introduction	Course with Code	Year of Introduction
Computer Engineering	01/07/2017	Audit Course- 3 (310249) -Cyber Security	A.Y. 2017-18

		-Professional Ethics and Etiquettes Emotional Intelligence -MOOC-learn New Skill -Foreign Language(Japanese Module 3)
	01/01/2018	Audit Course- 4 (310259) -Digital and Social Media Marketing -Green Computing -Sustainable Energy Systems -Leadership and Personality Development -Foreign Language (one of Japanese/ -Spanish/French/German).
E&TC Engineering	01/07/2017	Audit Course- 3 -Japanese Language Audit Course -Cyber and Information Security
	01/01/2018	Audit Course- 4 -Japanese Language Audit Course -Embedded System Design using MSP430
Mechanical Engineering	01/07/2017	Audit Course- 2 -Fire & Safety Technology -Entrepreneurship Development -Intellectual Property Right -Lean Management -Smart Manufacturing

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Audit Course for TE on German Language	T.E	NA	18.09.17 and 20.09.17	T.E	NA
Audit Course for SE &TE on German Language	S.E & T.E	NA	12.02.18 to 16.02.18	S.E, T.E	NA
Audit Course for SE &TE on German Language	S.E & T.E	NA	12.03.18 to 16.03.18	S.E, T.E	NA
Audit Course for TE on German Language	T.E	NA	19.03.18 to 21.03.18	T.E	NA
Audit Course for SE &TE on Japanese Language	S.E & T.E	NA	12.02.18 to 16.02.18	S.E, T.E	NA
Audit Course for SE &TE on Japanese Language	S.E & T.E	NA	12.03.18 to 21.03.18	S.E, T.E	NA

Already adopted (mention the year)

1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Courses		
No of Students	104	-		
1.3 Curriculum Enrichment				
1.3.1 Value-added courses imparting transferable and life skills offered during the year				
Value added courses	Date of introduction	Number of students enrolled		
Session on "Time Management Techniques"	12.07.17	50		
Expert Lecture on "Red Hat Linux"	21.07.17	58		
3 Days Workshop on "C Programming Language"	9.08.17 to 11.08.17	117		
Industrial Visit to Katraj Dairy Plant	14.08.17	10		
SE Guest Lecture on DSA	29.09.17	35		
Hands on Workshop on RHCSA	05.01.18	40		
Interdepartmental "ACE News Reporter" Competition	25.01.18	30		
Seminar on "Way to Success in IT" by IAAA	30.01.18	40		
Motivational Lecture on Personality Development	30.01.18	40		
BE Industrial Visit to Mapro	24.02.18	40		
AUTO-CAD	01/12/2017	56		
1.3.2 Field Projects / Internships under taken during the year				
Project/Programme Title		No. of students enrolled for Field Projects / Internships		
Data Analysis for Freelancing and Crowd Funding Sites using Data Science and R Programming		04		
Disease prediction by machine learning from healthcare communities		04		
CONFIGERATION DRIVEN WEB-DEVELOPMENT FRAMEWORK		04		
"FACE RECOGNITION AND MOOD ANALYSIS"		03		
smart hospital management using IoT		04		
IOT Based SMART-WHEELCHAIR		04		
Interview preparation by chatbot		04		
automatic evaluation of answer sheet and marking system		04		
1.4 Feedback System				
1.4.1 Whether structured feedback received from all the stakeholders.				
1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents

Yes	No	No	No	No	
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)					
The feedback form student about the teaching learning process is taken. The frequency of taking the feedback is twice in a semester. The questionnaires' is prepared by the IQAC cell and manual feedback is taken from the students. The feedback is analysed by calculating the marks given by students for various questions of teaching and learning process. The benchmark of scoring the marks is set by HoD. If a faculty scores above the benchmark set, an appreciation letter is given to that faculty. And if the score is below the benchmark then a warning is given to faculty to improve the process of teaching. The improvement is checked in second feedback.					
CRITERION II -TEACHING-LEARNING AND EVALUATION					
2.1 Student Enrolment and Profile					
2.1. 1 Demand Ratio during the year					
Name of the Programme	Number of seats available	Number of applications received	Students Enrolled		
Computer Engineering	120	104	104		
E&TC Engineering	120	58	58		
Mechanical Engineering	180	122	122		
Civil Engineering	60	45	45		
2.2 Catering to Student Diversity					
2.2.1. Student - Full time teacher ratio (current year data)					
Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017-18	329	-	103	-	-
2.3 Teaching - Learning Process					
2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)					
Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
103	85	ERP,LCD Projector, Computer, My Examo Software, Virtual Lab	10	1	NPTEL, Email, ERP, VLAB
2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)					
Yes. Objectives of mentoring: 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.		
Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
1735	103	1:16

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D.
129	90	39	13	08

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
NA	NIL	-	Nil

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
Computer Engineering	673224510	Sem-II/2017-18	29/April/2018/ May 2018	July 2018
E&TC Engineering	673237210	Sem-II/2017-18	29/April/2018/ May 2018	July 2018
Mechanical Engineering	673219110	Sem-II/2017-18	29/April/2018/ May 2018	July 2018
Civil Engineering	673261210	Sem-II/2017-18	29/April/2018/ May 2018	July 2018

2.5.2 Reforms initiated on Continuous Internal Evaluation (CIE) system at the institutional level (250 words)

In the beginning, at the commencement of the semester, students are informed about the academic plans and academic calendar inclusive of various activities of the department which is displayed on notice board and website before the start of the semester. Students are further made aware about the system of evaluation of term work and Project work in terms of giving internal marks based on the criteria as mentioned below.

- The evaluation process includes 75% attendance in theory and 100% in practical and the punishment to defaulters include extra assignments and other repetition of practical.
- Unit test is conducted at the end of each unit and the marks scored becomes criteria for evaluation.
- Identifying slow learners and arranging special classes for them along with defaulters.
- Allotment of extra hours for teaching difficult subjects based on the feedback of the students and judgment of the teacher.
- Active participation of students in Interactive session with industry experts during academic session where in students are offered internship to get firsthand experience of site work
- Student's participation in training and placement activities conducted at department and college level.
- Newly recruited/ junior faculty is deputed to attend FDP/STTP/workshop related to the self-sustained teaching learning model for improvement of teaching skills and upgradation of knowledge.

• Additionally maximum faculties are deputed to construction sites during vacation to keep pace with the latest construction technics and practices. This will motivate faculties for continuous improvement and perform well in our robust appraisal system.

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Head of Department prepares departmental academic calendar based on institute's and SPPU's academic calendar which includes all the technical events, Guest lectures, site visits, unit tests, parent teacher meet, generation of monthly attendance report, departmental meetings, CESA activities, project presentations, co-curricular and extra co-curricular activities at department level 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 DYPSOE website for further reference. SPPU online /Insem/Oral-Practical/TW/theory exam schedule is reflected after SPPU circular.

Since all the activities planned are included in the academic calendar, its execution is done adhering to the schedule as mentioned in the academic calendar. A special care is taken to strictly follow the examination schedule as per academic calendar.

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 in website of the institution (to provide the weblink)

No.

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
Computer Engineering	673224510	78	75	96.15
E&TC Engineering	673237210	62	50	80.65
Mechanical Engineering	673219110	163	144	88.34
Civil Engineering	673261210	65	56	86.15

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)-**Not Done**

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

3.1.1 Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major projects	NIL	NIL	NIL	NIL
Minor Projects	NIL	NIL	NIL	NIL
Interdisciplinary Projects	NIL	NIL	NIL	NIL
Industry sponsored Projects	Academic Year	Respective Industries Offering Sponsorship	Amount is directly utilized for	Amount is directly utilized for Project work

			Project work	
Projects sponsored by the University/ College	NIL	NIL	NIL	NIL
Students Research Projects (<i>other than compulsory by the College</i>)	NIL	NIL	NIL	NIL
International Projects	NIL	NIL	NIL	NIL
Any other(Specify)	NIL	NIL	NIL	NIL
Total	NIL	NIL	NIL	NIL

3.2 Innovation Ecosystem

3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)
A Project Sponsorship Guidance Program	Computer	23rd June 2017
Seminar on How to Receive Patent	Civil Engineering	19/01/2018
IPR for projects & career CSE & ETC 250 students PSPIP	institute level/E&TC	09-01-2018

3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Mechanical Portable Hammer	Sumesh Narkhede, Ajay Patil	COEP, Pune	30 Sept 2017	Students

3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
IPR-Cell	IPR-Cell	PSP-IP
Name of the Start-up	Nature of Start-up	Date of commencement
Nil	Nil	Nil

3.3 Research Publications and Awards

3.3.1 Incentive to the teachers who receive recognition/awards

State	National	International
Nil	Nil	Nil

3.3.2 Ph. Ds awarded during the year (<i>applicable for PG College, Research Center</i>)						
Name of the Department		No. of Ph. Ds Awarded				
Nil		Nil				
3.3.3 Research Publications in the Journals notified on UGC website during the year						
	Department	No. of Publication	Average Impact Factor, if any			
National	-	-	-			
International	Computer	18	-			
	Civil Engineering	16	-			
	E & TC	3	-			
	FE	3	-			
3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year						
Department		No. of publication				
Civil Engineering		1				
E & Tc		4				
Mechanical		3				
3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index						
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Solar based application for soliders with temperature varations	Prof P.P.Khairnar	IJRASET	Feb 2018	-	-	-
Text encryption and decryption using AES algorithm	Prof Kundan Saraf	IJEEC	2018	-	-	-
Electrical power generation using solar and wind	Prof Kundan Saraf	OAIJSE	2018	-	-	-
Low power analog comb filter for biomedical application	Prof Gaurav Tiwari	Springer	2018	-	-	-

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)						
Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self-citations	Institutional affiliation as mentioned in the publication
-	-	-	-	-	-	-
3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :						
No. of Faculty	International level		National level	State level	Local level	
Attended Seminars/ Workshops	2 FE		NIL	NIL	NIL	
Presented papers	18 Comp + 2 FE = 20		NIL	NIL	NIL	
Resource Persons	NIL		NIL	NIL	NIL	
3.4 Extension Activities						
3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year						
Title of the Activities			Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities	
Computer Engineering						
Importance of Education			NSS	6	45	
Importance of Cleanliness for Good Health			NSS	6	40	
Essay Writing Competition on Hand Wash			NSS	6	35	
Poster Competition on Hand Wash			NSS	6	45	
Rally and Street Play in College Campus			NSS	6	35	
Seminar on Hand Wash			NSS	6	35	
World Mental Health Day			NSS	6	30	
Seminar on National Unity Day			NSS	6	34	
NSS Special Camp			NSS	6	35	
Youth Week			NSS	6	35	
Mechanical Engineering						
Importance of Education			NSS	6	50	
Importance of Cleanliness for Good Health			NSS	6	50	
Essay writing competition on Hand Wash			NSS	6	50	
Poster competition on Hand Wash			NSS	6	50	
Seminar on Hand Wash			NSS	6	50	

World Mental Health Day	NSS	6	50
National Unity Day	NSS	6	50
Importance of Education	NSS	6	50

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
NIL	NIL	NIL	NIL

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
NIL	NIL	NIL	NIL	NIL

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
NIL	NIL	NIL	NIL

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
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Computer Engineering

Software Project Development	B.E Sponsored Projects	Centre for Environment Education(NGO)	15/06/2017 to 30/06/2018	Benjamin Paul Shrutika Shriram Deshmane Priti
Software Project Development	B.E Sponsored Projects	Centre for Environment Education(NGO)	15/06/2017 to 30/06/2019	Sumeet Bhikule Somesh Mhetre Akhil Ramteke Kushagrha Yeramwar
Software Project Development	B.E Sponsored Projects	Apne Apps	15/06/2017 to 30/06/2020	Fareen Shaikh Shobhit Kujur Aishwarya Tingre
Software Project	B.E Sponsored	Mythos Technology	15/06/2017 to	Pragati Gaikwad

Development	Projects		30/06/2021	Ashwini Jamagendi Kshitija Samudre Poonam Solankar
Software Project Development	B.E Sponsored Projects	DRDO	15/06/2017 to 30/06/2022	Roshan Singh Bikesh Singh Aanchal Negi Pratibha Singh
Software Project Development	B.E Sponsored Projects	Eternity Technologies	15/06/2017 to 30/06/2023	Aishwarya Haldikar Shweta Pandey Piyush Lalwani
Software Project Development	B.E Sponsored Projects	Saint Gobin Sekruit	15/06/2017 to 30/06/2024	Aakash Jaiswar Yatish Patil Ajinkya Dhas
Software Project Development	B.E Sponsored Projects	Apne Apps	15/06/2017 to 30/06/2025	Ravindra Paramane Shubham Chaskar Ankit Gupta
Software Project Development	B.E Sponsored Projects	VST Infotech	15/06/2017 to 30/06/2026	Samruddhi Raut Amruta Shingade Prachi Girolla
Software Project Development	Internship on project development	EQUIPE software Pvt. Ltd. 606, Karvy, Garden City Samarvani rd. Silvassa, Dadar, Nagar Haveli -396230	26th May 2017 to 26th June 2017	Mr. Bikesh Singh

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Computer Engineering			
IRT- ACADEMY Information Resourcing Technologies	2017	Training-Testing And Certifications	50+02
iSASH IT Solution Pvt Ltd.	Not Specified	Business relationship on IT Technologies	60+2
Indeed Inspiring Infotech	08-11-2017	Arrange facultiest to impart	50+2

		Technical as well as Softs skill training to the students.	
ITESKUL	06-01-2017	Guest Lectures on German and Japanese Language for SE &TE Students	250+2
Civil Engineering			
CADD Centre Training Services Pvt. Ltd,	01-12-2017	Students Training and skill improvement	Number of students = 56 /teachers participated= 03 under MoUs
E&TC Engineering			
Indeed inspiring infotech	08-11-2017	Educational	All BE
Mishi solution	14/8/2018	Research project	All BE
Mechanical Engineering			
CADCAMGURU solutions PVT LTD	31/03/2017	Mechanical software Training	161/30
Zamil Steel Buildings India Pvt. Ltd.	05-01-18	Industry Visit, Guest Lecture, Internship projects	149/30
Designtech Systems Ltd.	28-02-18	Industrial projects	153/30

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
Nil	Nil

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	10024.86 Sq. mtrs	-
Class rooms	21	NIL
Laboratories	42	NIL
Seminar Halls	01	NIL
Classrooms with LCD facilities	13	5
Classrooms with Wi-Fi/ LAN	NIL	5
Seminar halls with ICT facilities	02	01

Video Centre	01	NIL
No. of important equipments purchased ($\geq 1-0$ lakh) during the current year.	NIL	NIL
Value of the equipment purchased during the year (Rs. in Lakhs)	NIL	NIL
Others	PA system	NIL

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System -ILMS }

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
iCloudEMS	Partially	-	2018-19

4.2.1 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	10203	3786292.32	324	132630.4	10527	3918922.72
Reference Books	2113	1267800	2	16844	2115	1284644
e-Books	0	0	320	100300	320	10300
Journals	89	363040	8	7060	97	370100
e-Journals	1000+	2265415	500+	70800	1500+	2336215
Digital Database	NIL	NIL	NIL	NIL	NIL	NIL
CD & Video	NIL	NIL	NIL	NIL	NIL	NIL
Library automation	NIL	NIL	NIL	NIL	NIL	NIL
Weeding (Hard & Soft)	NIL	NIL	NIL	NIL	NIL	NIL
Others (specify)	NIL	NIL	NIL	NIL	NIL	NIL

s4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	484	14	Yes	14	14	NIL	NIL	80 MBPS	NIL
Added	06	-	-	-	-	NIL	NIL	NIL	NIL
Total	490	14	-	14	14	NIL	NIL	80 MBPS	NIL

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

80 MBPS			
4.3.3 Facility for e-content			
Name of the e-content development facility		Provide the link of the videos and media centre and recording facility	
Enhanced Knowledge services pvt. ltd		https://m.youtube.com/playlist?list=PL3_1KEFHQRxTA9MndjU018dXPbJVpCB10	
4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc			
Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
NA	NA	NA	NA

4.4 Maintenance of Campus Infrastructure			
4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year			
Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
Rs. 60,00,000/-	Rs. 53,64,187/-	Rs. 41,22,000/-	Rs. 37,47,238/-
4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (<i>maximum 500 words</i>) (information to be available in institutional Website, provide link)			
The institute has allocated the classrooms and laboratories as per the requirement of individual department. The utilization and maintenance of this infrastructure is monitored by the respective departments. The support facilities like sports, libraries are common to all departments. Every department has its own computer labs as per requirements. The institute has a seminar hall and auditorium in common to all. The common infrastructure can be availed by putting a request of utilization through proper channel. The maintenance of support facilities is done through maintenance department.			

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Scholarships and freeships	971	-
Financial support from other sources			
a) National	-	-	-
b) International	-	-	-

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved

Soft skill development	10/01/18-12/01/18	102	3-Days Skills Development Workshop by Ms.Madhavi Kale
	30/01/18	105	Motivational Lecture on Personality Development by Mr Yuvraj Patil, Student Counselor, DYPSOE
	12/09/2017	100	Barclays with GTT and AMP, NASSCOM
Language lab	12/02/18-16/02/18	222	Audit Course for TE on German Language by Miss Kruttika Dhuri (German Certified)ITE School
	18/09/17-20/09/17	113	Audit Course for TE on German Language by Miss Kruttika Dhuri (German Certified)ITE School
Bridge courses	12/09/17	82	Guest Lecture on Engineering Economics by Mr.Prashant Ghavate(CA)
	03/10/17	113	Guest Lecture on Turing Machine by Mr.Rajesh Phursule(JSPMCOE)
	23/06/2017	25	Project Sponsorship Guidance by Mr.Amit Mane(IT Wizz Pvt Ltd)
	07/07/2017	56	Whiz -2K17
	13/07/17	60	Guest Lecture on "Aptitude Development" by Mr.Vikrant Sukhtankar (Gyanteerth) Pune
	19/07/17	121	Seminar on "Awareness of IT Courses" by Mr.Gaurav Vikhe (Livewire India)
	28/08/2017	117	3 Days Workshop on "C Programming Language" by Prof. Amruta Chitari, Prof. Ajit Pagar, Prof. Sunil Rathod
	11/09/2017	52	Guest Lecture on Data Research and Machine Learning by Mr Ram Sharma (Data Architect) from Amdocs
	21/09/17-26/09/17	50	Workshop on Android App Development by Mr.Nitesh Kumar(Indeed Infotech)
	03/10/2017	113	Guest Lecture on Turing Machine by Mr.Rajesh Phursule(JSPMCOE)
	09/10/2017	113	Workshop on Computer Network Lab by Ms.Ompriya Kale
	10/12/2017	70	CADD Centre, Pune
24/01/2018	60	Webinar on Machine Learning by Mr. Deepak Singh hosted by MonkFox	

	30/01/2018	45	Seminar on "Way to Success in IT" by IAAA by Mr Ashish Korad
Personal counselling	12/07/2017	50	Session on "Time Management Techniques" by Mr Yuvraj Patil, Student Counselor, DYPSOE
	19/09/2017	50	Motivational Talk on Time Management Mr Yuvraj Patil, Student Counselor, DYPSOE

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017-18	Soft skill development	6	6	1	-

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
NIL	-	-

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
Innoeye Technologies	20	0	NA		
HCL Technology	14	0			
Directi Internet Solutions	54	0			
Angular Minds	56	1			
Bitwise	29	0			
Eleations	100	0			
Shini Plastics Technology	20	0			
Addteq	18	0			
Gs Lab	30	0			
Byjus	100	0			
Amazon	80	15			
KPIT for MBA	10	01			
JusPay	35	0			
Opulent	86	4			
Quinstreet Software Pvt. Ltd.	25	0			
Shapooji Pallonji Internship cum Placement	6	0			
Matrix consec	11	0			
Karvi Stock for MBA	15	03			
Hartreey Motors Private Limited	45	0			

White Snow	48	0
Viyom Lab	51	1
Adrosonic IT Consultancy Services Pvt Ltd	20	2
Thermax Ltd	4	0
Parekh Integrated Services	56	24
Excelsior Research	70	6
ACE Technologies	79	3
LG Electronics (LG Soft)	5	1
Crest	40	0
Elastic Run	65	5
Grupo Antolin India Pvt Ltd.	1	0
Mahalaxmi Automotive Pvt Ltd	70	11
HSBC Software	15	1
Prototech Technology	64	0
Kider india Pvt Ltd	68	8
Radhe Engineering Services & Solutions	3	0
Elevation (Internship)	2	0
Eazy Farm (Internship)	25	12
JSM infotech	62	6
Sigma Electric Manufacturing Corporation Pvt. Ltd	2	0
E-Constuct	12	0
Dana Technology	2	0
My Anatomy	36	0
Radma Research	45	17
Exadatam	41	0
Elastic Run	48	0
Japan Third Party Co., Ltd	100	0
EPAM	40	0
CADD Center	35	0
QualityKiosk Technologies	102	3
Barclays Technology India Pvt. Ltd	32	0
Customer Centria	32	0
Teleperformance	40	18
Rudra Anlytiecs	15	0
Vision Mechatronics	40	0
Rivigo	60	20
TEXAS INSTRUMENTS (Diploma)	6	0
Zamil Steel	6	3*
CAPITA .	0	5
JSM infotech	42	2
Softtech Automation	12	0
Vritti Solutions Limited	30	0
K & T Gauge and Fixture Engineering	60	4
Opulent	40	5
Xrbia Developers Ltd	10	2
Whirpool India (Diploma)	10	0
Kider india Pvt Ltd (Diploma)	12	5
Genesys International	80	31
Glovve (Writer Corporation)	42	10
Mahindra & Mahindra	40	4*
Open Silicon	2	0

TETRASKELE TECHNOLOGIES	10	0
GlobalStep Services Pvt. Ltd	32	13
LIUGONG INDIA PVT LTD	50	14*
General Electric.	2	0
UTC Aerospace Systems	20	0
Renew Instrumentation	10	0
Angular Minds	25	0
Yardi Software	15	0
Aditya Solar Energy	22	0
ITC infotech	40	0
Space India	40	2
Next Data Science	35	0

5.2.2 Student progression to higher education in percentage during the year: 2017-18

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2017-18	5	SPPU	Civil Engg	Dr.D Y Patil school of Engineering and technology, Lohegaon	ME Civil Engg
2017-18	1	SPPU	E &TC Engg	Dr.D Y Patil school of Engineering, Lohegaon	ME E&TC Engg

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	NIL	
SET	NIL	
SLET	NIL	
GATE	1	CE18S82112062 (Civil Engg)
GMAT	1	ME18S22114150 (Mech Engg)
CAT	NIL	
GRE	NIL	
TOFEL	NIL	
Civil Services	NIL	
State Government Services	NIL	
Any Other	NIL	

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Participants
International yoga day 21 June	Institutional level	Faculty & students from campus.

Annual sports meet & cultural event eternity 2018	Institutional level	Students of DYP SOE.
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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)

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2017	Represented pune district Sppu table tennis zonal competition secured 2 nd place	-	Table tennis	-	-	Apurva bhagat
2017	Represented pune district zonal football competition 1 st place	-	football	-	-	Mundhe abhishekh
2017	Represented pune district zonal football competition 1 st place	-	football	-	-	Vikas patil

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Yes, Institute has Student Council of the following members;

1. Chairman – Principal
2. Staff Advisor: Dean (A)
3. President - Final Year Student
4. General Secretary - TE
5. Members (Three) – FE & SE

The purpose of the student council @ DYP SOE is to give students an opportunity to develop leadership by organizing and carrying out various activities and representation on various administrative bodies. Every department has an active student association consisting of student members. The student members of the association are elected through interviews. The student association comprises President, Secretary, Joint Secretary, Treasurer and student council members. The association is monitored by senior faculty members who are responsible for the smooth conduct of the association meetings and events. The student association plays a dominant role in many extracurricular & co-curricular activities which includes Special Lectures by experts, Seminars, Workshops, Symposium, National Level Conference and Intercollegiate meet to develop the personality and skills of the student's ability. Eminent speakers and industrialist deliver speeches on topics relevant to current employability scenario and requirements of industry.

Student members of the associations also observe important days like National Festivals, Birth/Death Anniversaries of important leaders, International Women's Day, International Yoga Day, Sports Day, Teachers Day, Fresher's Day, Farewell Party, Joy of giving Week, World Literacy Day, etc. They also

organizes cultural festivals and annual social gathering **Eternity** every year. They are also members of various administrative bodies of institution like IQAC, III Cell, EDC Cell, Alumni Cell, Grievance Cell...etc.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words): Yes. Registration number: Maha/1392/2017/Pune, dated:05/10/2017

5.3.2 No. of ~~registered~~ enrolled Alumni: **700**

5.3.3 Alumni contribution during the year (in Rupees) : **Nil**

5.3.4 Meetings/activities organized by Alumni Association : **Alumni Meet Conducted on 21/11/2017**

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)

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.

6.1.2 Does the institution have a Management Information System (MIS)?

Yes/No/Partial:

Yes

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

❖ Curriculum Development

- Participation of faculty in Workshops on syllabus.

❖ Teaching and Learning

- Teaching plan is prepared at the beginning of the year.
- Need based teaching and insistence upon group discussion
- Daily teaching record (Lecture wise) is maintained.

<ul style="list-style-type: none"> - Subject allocation as per specialization of teacher - Compulsory use of ICT in Teaching and Learning. - Guest lectures are arranged. - Student seminar is arranged. 														
<ul style="list-style-type: none"> ❖ Examination and Evaluation <ul style="list-style-type: none"> - More transparency in examination process - Appointment of CEO to conduct university exam. - Term examination (Internal evaluations), Assignments, unit test is arranged. - Test, Tutorial, project assignment, survey are arranged for evaluation of students. 														
<ul style="list-style-type: none"> ❖ Research and Development 														
<ul style="list-style-type: none"> ❖ Library, ICT and Physical Infrastructure / Instrumentation <ul style="list-style-type: none"> - Institution has an adequate number of books, computer labs, internet connectivity, scientific instruments, and classrooms and play ground - E-Library is made available for students. - Students and teacher are facilitated with user ID and password to access e-journals. 														
<ul style="list-style-type: none"> ❖ Human Resource Management <ul style="list-style-type: none"> - Participation of faculty in orientation programmers, refresher courses, summer / winter school, workshops and short term programmers. - Distribution of tasks through committees - Annual recruitment of teaching and non-teaching staff as per requirement. 														
<ul style="list-style-type: none"> ❖ Industry Interaction / Collaboration <ul style="list-style-type: none"> - Study tours are arranged for the students to visit the industry. 														
<ul style="list-style-type: none"> ❖ Admission of Students <ul style="list-style-type: none"> - Admissions are on first come first serve basis - Reservation policy is strictly followed as per government rules. - Attempts are made to admit students comprising all socio-economic backgrounds - Attempts are made to keep admission process more and more transparent - Admission Advertisement is published in local Newspaper with highlighting features of college. - Admission committee guides student and parents. 														
6.2.2 : Implementation of e-governance in areas of operations:														
<ul style="list-style-type: none"> ❖ Planning and Development : No 														
<ul style="list-style-type: none"> ❖ Administration :Yes 														
<ul style="list-style-type: none"> ❖ Finance and Accounts :Yes 														
<ul style="list-style-type: none"> ❖ Student Admission and Support :Yes 														
<ul style="list-style-type: none"> ❖ Examination :Yes 														
6.3 Faculty Empowerment Strategies														
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year														
<table border="1"> <thead> <tr> <th>Year</th> <th>Name of teacher</th> <th>Name of conference/ workshop attended for which financial support provided</th> <th>Name of the professional body for which membership fee is provided</th> <th>Amount of support</th> </tr> </thead> <tbody> <tr> <td rowspan="2">2017-18</td> <td>Ms. Vandana Chavan</td> <td>MongoDB & PL/SQL</td> <td>International Institute of Information Technology,Hinjewadi</td> <td>250</td> </tr> <tr> <td>Mr. Gajanan Deokate</td> <td>Database Management</td> <td>K J College Engg.& Management</td> <td>250</td> </tr> </tbody> </table>	Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support	2017-18	Ms. Vandana Chavan	MongoDB & PL/SQL	International Institute of Information Technology,Hinjewadi	250	Mr. Gajanan Deokate	Database Management	K J College Engg.& Management	250
Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support										
2017-18	Ms. Vandana Chavan	MongoDB & PL/SQL	International Institute of Information Technology,Hinjewadi	250										
	Mr. Gajanan Deokate	Database Management	K J College Engg.& Management	250										

		System Laboratory	Research,Pune	
	Ms. Ashwini Sagade	Advanced Java Programming & Mobile Application Development	Sinhgad Institute of Technology and science, Narhe	2500
	Mr. Yogesh Mali	Computer Network Lab 2015	Smt. Kashibai Navale College of Engineering, Vadgaon	250
	Mr. Soumitra Das	A Foundation Program on Data Science Using Statistica	Rajarshri Shahu College of Engineering,Pune	300
	Mr. Soumitra Das	Sustenance & Scaling of IQAC	Arthtech Knowledge TechnoManagement Pvt LTD.	2000
	Mr. Yogesh Bodhe	Data Science And Big Data Analytics	MIT Academy of Engg. Pune	
	Mr. Chaitanya Bhosale	Design And Analysis of Algorithms	MIT COE,Pune	3000
	Prof.Jitendra Dalvi	National Level Workshop on IPCE-3	JSPM WAGHOLI	1000
	Prof. Amruta Whatte	National Level Workshop on IPCE-3	JSPM WAGHOLI	1000
	Prof. Supriya Patil	National Level Workshop on IPCE-3	JSPM WAGHOLI	1000

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
Nil		Nil	Nil	Nil	Nil

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
MongoDB & PL/SQL	1	23rd June 2017

Database Management System Laboratory	1	16th June 2017
Advanced Java Programming & Mobile Application Development	1	12th to 16th June 2017
Computer Network Lab 2015	1	13th June 2017
Software Testing Using Open Source Tool	1	06th to 10th June 2017
Data Science And Big Data Analytics	1	29th May to 2nd June 2017
A Foundation Program on Data Science Using Statistica	1	24th August, 2017
Sustenance & Scaling of IQAC	1	8th July 2017
Design And Analysis of Algorithms	1	18th to 23rd Dec 2017
Embedded Systems & Internet of Things	1	18th to 23rd Dec 2017
Systems Programming & Operating System	1	12th Dec 2017
Web Technology	1	12th to 15th Dec 2017

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime/temporary
89	14	76	-

6.3.5 Welfare schemes for

Teaching	<ul style="list-style-type: none"> - Employee's Provident Fund Medical and maternity leave - Staff Loan benefits from Ajeenkya Employees Credit Co-op society Ltd. - Medical treatment at Dr D Y Patil Dental College Lohegaon on subsidized rates. - The children of both teaching and non-teaching staff are given education in the Dr D Y Patil International School with subsidized fees.
Non teaching	<ul style="list-style-type: none"> - Employee's Provident Fund Medical and maternity leave - staff Loan benefits from Ajeenkya Employees Credit Co-op society Ltd. - Medical treatment at Dr D Y Patil Dental College Lohegaon on subsidized rates. - 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 nonteaching staff every year free of cost
Students	Insurance

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly
(with in 100 words each)

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 management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)				
Name of the non government funding agencies/ individuals		Funds/ Grants received in Rs.		Purpose
Nil		Nil		Nil
6.4.2 Total corpus fund generated : Nil				
6.5 Internal Quality Assurance System				
6.5.1 Whether Academic and Administrative Audit (AAA) has been done?				
Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	-	Yes	Dr. S. M. Khairnar
Administrative	No	-	No	-
6.5.2 Activities and support from the Parent – Teacher Association (at least three)				
<ul style="list-style-type: none"> • Conduction of meet for sharing information • Discussion of academic progress of the students • Suggestions for overall development of the institute 				
6.5.3 Development programmes for support staff (at least three)				
Nil				
6.5.4 Post Accreditation initiative(s) (mention at least three)				
6.5.5				
a. Submission of Data for AISHE portal : (Yes)				
b. Participation in NIRF : (Yes)				
c. ISO Certification : (No)				
d. NBA or any other quality audit : (No)				
6.5.6 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from--to--)	Number of participants
	Tree Plantation Drive At Dattagad, Dighi by Mechanical department	05.07.2017	01 day	55
	“Whiz-2K17” competition was organized by Computer department	07.07.2017	01 day	100
	A guest lecture on ‘Recent trends in compressor’ was organized by Mechanical department		01 day	68
	Industrial Visit was organized at ‘Phoenix Market City Mall’ by Mechanical department	09.07.2017	01 day	137

2017 -18	A guest lecture on 'Driverless Car' was organized by E&TC department	11.07.2017	01 day	45
	A guest lecture on 'Study and research opportunities in Netherlands' was organized by Civil department	12.07.2017	01 day	55
	A guest lecture on 'Time management Technique' was organized by Computer department		01 day	50
	A guest lecture on 'Aptitude Development' was organized by Computer department	13.07.2017	01 day	60
	A guest lecture on 'IoT' was organized by E&TC department	21.07.2017	01 day	35
	Industrial Visit was organized at 'Pawana Dam Hydro Power Station' by Mechanical department		01 day	62
	A guest lecture on 'Red Hat Linux' was organized by Computer department		01 day	58
	A Two days workshop on "Entrepreneur Awareness Part II" was organized by Mechanical department		21.07.17 to 22.07.17	56
	A guest lecture on 'Advancements in Friction Stir Welding' was organized by Mechanical department	24.07.2017	01 day	38
	A guest lecture on 'Highway Engineering' was organized by Civil department	27.07.2017	01 day	40
	A guest lecture on 'Time Management and Career Counseling' was organized by E&TC department		01 day	28
	A guest lecture on 'EMTL' was organized by E&TC department	28.07.2017	01 day	25
	A guest lecture on 'Recent trends in IC engine' was organized by Mechanical department	31.07.2017	01 day	45
	Induction Program for FE was organized by FE department		01 day	210
	A guest lecture on 'RF Connectors' was organized by E&TC department	02.08.2017	01 day	32
	A motivational guest lecture on 'Personality development' was organized by FE department	07.08.2017	01 day	55
Industrial Visit was organized at 'Katraj Dairy Plant'	09.08.2017	01 day	58	

by Mechanical department			
3 days' workshop on 'C Programming' was organized by Computer department		09.08.17 to 13.08.17	55
Industrial Visit was organized at 'Katraj Dairy Plant' by Comuter department	04.08.2017	01 day	14
A sports team has participated in "Intercollegiate Table Tennis Tournament"	16.08.2017	01 day	10
One student has participated and won first prize in National level Aquatic Championship 'Splash and Dash 2017'	20.08.2017	01 day	01
A one week 'Industry-Institute Interaction program' was organized by E&TC department	21.08.2017	21.08.2017 to 24.08.2017	40
Industrial Visit was organized at 'Revell Orchid' by Civil department	22.08.2017	01 day	45
5 th Anniversary of "ACE" was celebrated by Computer department	28.08.2017	01 day	68
A guest lecture on 'Careers in Civil Engineering-Public and Private sector' was organized by Civil department	29.08.2017	01 day	42
A guest lecture on 'Careers opportunities in Mechanical Engineering' was organized by Mechanical department	04.09.2017	01 day	380
Parent teacher meet was organized by Mechanical department		01 day	10
A guest lecture on 'industrial scope and application of compressor' was organized by the Mechanical department	07.09.2017	01 day	65
A guest lecture on 'employable skill development' was organized by the Civil department		01 day	41
Industrial Visit was organized at 'Dr. Naidu Sewage Treatment Plant' by Civil department	08.09.2017	01 day	48
A guest lecture on 'data research and machine learning' was organized by the Computer department		01 day	70
One day workshop on 'Linux operating system' was		01 day	36

organized by Computer department				
Two day workshop on 'MASTERCAM' was organized by Mechanical department	11.09.2017	11.09.17 to 12.09.2017	147	
One day workshop on 'Engineering economics' was organized by Computer department	12.09.2017	01 day	57	
Teachers Day celebration was done by Mechanical department		01 day	450	
Industrial Visit was organized at 'Indian metrological department' by Civil department	15.09.2017	01 day	39	
A guest lecture on 'bridge engineering' was organized by the Civil department		01 day	45	
Engineers Day celebration was done by Civil department		01 day	45	
Teachers Day celebration was done by Computer department		01 day	52	
"Techwar 2K17" competition was organized by Computer department		01 day	50	
Engineers Day celebration was done by E&TC department		01 day	30	
Industrial Visit was organized at 'Hydropower generation plant at Pawana Dam' by Civil department		18.09.2017	01 day	48
Industrial Visit was organized at 'Flyover bridge, Dehu Alandi road' by Civil department			01 day	45
3 days' workshop on 'Audit course III (German)' was organized by Computer department	18.09.2017 to 21.09.2017		52	
A guest lecture on 'steel engineering' was organized by the Civil department	20.09.2017	01 day	38	
2 days' workshop on 'Android APP development' was organized by the Computer department	21.09.2017	21.09.2017 & 26.09.2017	38	
Teacher's day celebration and fresher's welcome day was organized by E&TC department		01 day	30	

Parent teacher meet was organized by FE department		01 day	55
Industrial Visit was organized at 'Hot Mix plant, Yerwada' by Civil department	22.09.2017	01 day	45
Intercollegiate Poster Presentation Competition-2017 on 'Old Vs. New Technologies' was organized by FE department		01 day	40
A competition on 'C Quiz Contest 2017' was organized by FE department		01 day	40
A guest lecture on 'gender equity' was organized by the Mechanical department	25.09.2017	01 day	51
2 days' workshop on 'Audit course III (German)' was organized by Computer department		25.09.2017 to 26.09.2017	48
Industrial Visit was organized at 'Railway Station Pune' by Civil department	26.09.2017	01 day	35
A guest lecture on 'Problem Solving Approach' was organized by the Mechanical department	29.09.2017	01 day	42
Industrial Visit was organized at 'Parvati Water Works' by Civil department		01 day	39
"Asta- a Social event" was organized by the computer department		01 day	20
An aptitude Quiz for FE to BE – A First Step towards Placement was organized by FE department		01 day	48
Khande Navami Pooja was organized by workshop of DYPSOE		01	25
2 days' workshop on 'RC aero modeling' was organized by Mechanical department		29.09.2017 to 30.09.2017	25
A MoU was carried out between Youth Sarthi and DYPSOE		-	-
A guest lecture on 'Turing Machine' was organized by the Computer department	03.10.2017	01 day	45
Industrial Visit was organized at 'Arya Industries Pune' by Mechanical department	03.10.2017 04.10.2017	03 days	193

	06.10.2017		
A guest lecture on 'Entrepreneur development' was organized by the Mechanical department	04.10.2017	01 day	55
A guest lecture on 'Hyper loop technology' was organized by the Mechanical department	05.10.2017	01 day	50
One day workshop on 'Computer Network Lab' was organized by Computer department	09.10.2017	01 day	25
Conduction of Alumni Meet 2017	18.11.2017	01 day	250
Founders Day Celebration	22.12.2017	01 day	100
NAAC awareness to students was organized by the E&TC department	04.01.2018 and 05.01.2018	02 days	35
A guest lecture on 'RFID and IoT' was organized by the E&TC department	05.01.2018	01 day	25
A guest lecture on 'Red Hat Certified System Administrator' was organized by the E&TC department		01 day	36
A seminar on 'Recent trends in Process Industry, Oil and Gas Industry' was organized by Mechanical department	08.01.2018	01 day	55
Inauguration of 'Incubation Hub'	09.01.2018	01 day	250
A guest lecture on 'Study Abroad' was organized by institute		01 day	
A guest lecture on 'IPR & Patenting' was organized by institute		01 day	250
A guest lecture on 'Mechanical Automation' was organized by Mechanical department		01 day	22
A guest lecture on 'Embedded System' was organized by Mechanical department		01 day	20
A guest lecture on 'Mechatronics' was organized by Mechanical department		01 day	150
A guest lecture on 'Skill Development' was organized by Civil department		01 day	45
3 day Workshop on 'Skill Development' was organized by Computer department		10.01.2018	10.01.2018 to 12.01.2018
A camp on 'Entrepreneur Development' was organized by the institute	11.01.2018	01 day	150
A guest lecture on 'AUTOCAD' was organized by Civil department	12.01.2018	01 day	62
'Yuva Din' was celebrated by Mechanical department		01 day	150
A guest lecture on 'Personality Development and stress management' was organized by the institute	15.01.2018	01 day	70

Celebration of 'Makar Sankranti and Kite Festival' was organized by Mechanical department		01 day	475
Industrial Visit was organized at 'RMC plant of Pride World City Pune' by Civil department	16.01.2018	01 day	76
Industrial Visit was organized at 'Doordarshan HPT station, Sinhgad' by E&TC department	17.01.2018	17.01.2018 to 18.01.2018	45
A guest lecture on 'Academic advising and Counselling' was organized by FE department	18.01.2018	01 day	100
A guest lecture on 'Career Counselling' was organized by E&TC department	19.01.2018	01 day	30
A guest lecture on 'Patent Filing' was organized by Civil department		01 day	55
Parent Teacher meet was organized by Civil department		01 day	15
A webinar on 'Machine learning' was organized by Computer department	24.01.2018	01 day	45
A guest lecture on 'Piping Engineering' was organized by Mechanical department		01 day	84
A competition on 'Interdepartmental ACE News Reporter' was organized by Computer department	25.01.2018	01 day	25
A seminar on 'Career Counseling' was organized by Mechanical department		01 day	115
A seminar on 'IAAA Certification course' was organized by Computer department	30.01.2018	01 day	35
A sport day called 'ACE Athlete' was organized by Computer department	31.01.2018	01 day	55
Industrial Visit was organized at 'PMPML workshop, Swarget' by Mechanical department	01.02.2018	01 day	38
One day workshop on "Android App development" was organized by Computer department	03.02.2018	01 day	35
3 days 'Entrepreneur Awareness camp' was organized by EDC cell of Institute	05.02.2018	05.02.2018 to 07.02.2018	127
Inauguration of 'IEI Student Chapter' is done by E&TC department	06.02.2018	01 day	35
A seminar on 'Data Sciences and Tool' was organized by E&TC department	07.02.2018	01 day	35
A seminar on 'Seed IT Idol' was organized by Computer department		01 day	39
A seminar on 'Short Film Making' was organized by Computer department	15.02.2018	01 day	42
'Annual Sports Meet' was organized by the Institute		15.02.2018 to 20.02.2018	600

2 nd Parent Teacher Meet was organized by the institute	17.02.2018	01 day	66
A cultural event 'Eternity 2K18' was organized by the institute	20.02.2018	01 day	250
Industrial Visit was organized at 'MAPRO Mahabaleshwar' by Computer department	24.02.2018	01 day	65
One day 'Entrepreneur Development Program' was organized by EDC	26.02.2018	01 day	175
A guest lecture on 'Industry 4.0 and its challenges' was organized by Mechanical department	28.02.2018	01 day	50
1 st International conference was organized by the institute	21.03.2018	21.03.2018 to 22.03.2018	177
NAAC visit	26.03.2018	26.03.2018 to 27.03.2018	-

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period (from-to)	Participants	
		Female	Male
Lecture on Gender Equality	23/09/2017	47	4

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: **Use of LED light**
Percentage of power requirement of the College met by the renewable energy sources : **0%**

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	100
Ramp/ Rails	Yes	Nil
Braille Software/facilities	No	-
Rest Rooms	Yes	All
Scribes for examination	Yes	02
Special skill development for differently abled students	No	-
Any other similar facility	-	-

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address	Number of initiatives taken to engage with	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and
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	locational advantages and disadvantages	and contribute to local community				staff
2017-18	02	06	One day	Importance of Education	Education	107
				Essay Writing competition on Hand wash	Cleanliness	102
				Poster competition on Hand wash		107
				Rally and street play		41
				Seminar on Hand wash		97
				Seminar on National Unity day		National Unity
			World mental day	56		
One week	Youth week	41				

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Students Code of Conduct	01/07/2016	

https://assessmentonline.naac.gov.in/storage/app/hei/SSR/100430/7.1.12_1507114041_415.pdf

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from-----to-----)	Number of participants
Tree Plantation Drive At Dattagad, Dighi by Mechanical department	05.07.2017	55
A guest lecture on 'Time management Technique' was organized by Computer department	12.07.2017	50
A guest lecture on 'Time Management and Career Counseling' was organized by E&TC department	27.07.2017	28
A sports team has participated in "Intercollegiate Table Tennis Tournament"	16.08.2017	10
One student has participated and won first prize in National level Aquatic Championship 'Splash and Dash 2017'	20.08.2017	01
Teachers Day celebration was done by Mechanical department	12.09.2017	450
Engineers Day celebration was done by	15.09.2017	45

Civil department		
Teachers Day celebration was done by Computer department	15.09.2017	55
Engineers Day celebration was done by E&TC department	15.09.2017	30
Teacher's day celebration and fresher's welcome day was organized by E&TC department	21.09.2017	30
'Yuva Din' was celebrated by Mechanical department	12.01.2018	150
Celebration of 'Makar Sankranti and Kite Festival' was organized by Mechanical department	15.01.2018	475
'Annual Sports Meet' was organized by the Institute	15.02.2018	600

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

- **Tree Plantation**
- **Use of public transport facility**
- **Use of recycled water for gardening**
- **Use of LED light**
- **Use of ERP**

7.2 Best Practices

Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

1) 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.

2) 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

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust
Provide the weblink of the institution in not more than 500 words

<http://www.dypic.in/school-of-engineering.htm>

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 is learnt. Students competitive sprints 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.

8. Future Plans of action for next academic year (500 words)

In the next academic year i.e. 2018-19, the institute has planned for successful implementation of new ERP system for academic and administrative functioning of the institute. The institute has planned to achieve 95% campus placement of eligible & interested candidates with good package. The institute wants to support students in career services in all departments: this includes both student development and higher education assistance to students. The institute has set target of use of ICT in teaching-learning process by 80% of its faculties. The institute is planning to take online feedback system through ERP. The institute is planning to apply for NBA accreditation. The R&D cell is planning to strengthen the R&D activities and encouraging faculty for fetching grants from various funding agencies. The institute is planning to enhance collaboration with industry & research organization through its IIC cell. The institute has decided to actively participate in NIRF ranking. The institute has plan for development of Technology Business Incubation (TBI) canter. The institute also wants to strengthen Alumni Association & EDC Cell.

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

_____*_*_*_____

Abbreviations:

CAS	-	Career Advancement Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution

For Communication with NAAC

The Director

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