



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	DR D Y PATIL EDUCATIONAL ENTERPRISES CHARITABLE TRUSTS DR D Y PATIL GROUP OF INSTITUTIONS DR D Y PATIL SCHOOL OF ENGINEERING
Name of the head of the Institution	Dr. M. Z. Shaikh
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02067077922
Mobile no.	8652577266
Registered Email	principal_dypsoe@dypic.in
Alternate Email	mzshaikh2003@yahoo.co.in
Address	Dr. D. Y. Patil Knowledge City, Charholi(Bk.)
City/Town	Pune
State/UT	Maharashtra

Pincode	412105																		
2. Institutional Status																			
Affiliated / Constituent	Affiliated																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	private																		
Name of the IQAC co-ordinator/Director	Prof. Riyaj L. Kazi																		
Phone no/Alternate Phone no.	02067077922																		
Mobile no.	9881839335																		
Registered Email	iqac_dypsoe@dypic.in																		
Alternate Email	riyaj.kazi@dypic.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://dypic.in/dypsoe/aqar.html																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://dypic.in/dypsoe/calender.html																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B+</td> <td>2.61</td> <td>2018</td> <td>03-Jul-2018</td> <td>02-Jul-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B+	2.61	2018	03-Jul-2018	02-Jul-2023
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	B+	2.61	2018	03-Jul-2018	02-Jul-2023														
6. Date of Establishment of IQAC	19-Jul-2016																		
7. Internal Quality Assurance System																			
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															

Meeting of Internal Quality Assurance Cell IQAC	12-Jun-2018 1	4
Regular meeting of Internal Quality Assurance Cell IQAC	27-Jun-2018 1	9
Regular meeting of Internal Quality Assurance Cell IQAC	12-Mar-2019 1	9
Regular meeting of Internal Quality Assurance Cell IQAC	15-Mar-2019 1	97
Timely submission of AQAR to NAAC	21-Sep-2018 90	17
Feedback from stakeholders	12-Jul-2018 9	1300
Participation in NIRF	26-Sep-2018 20	256
IPR Cell- Organized one day workshop on IPR	10-Apr-2019 1	37
IPR Cell- Conducted idea generation session for each department	17-Apr-2019 1	32
IPR Cell- Conducted 2 hours session for the Faculties and students.	30-Apr-2019 1	20
IPR Cell- Conducted 2 hours session for the Faculties and students.	24-Apr-2019 1	10
IPR Cell- Conducted 2 hours session for the Faculties and students.	24-Apr-2019 1	10
III Cell- Signed MOU with FUEL	02-Aug-2018 1	127
III Cell-Conducted 2 Skill development workshop under MoU with FUEL	24-Jan-2019 2	107
III Cell-Conducted 2 Skill development workshop under MoU with FUEL	27-Feb-2019 2	104
ED Cell-Organized two EAC programs sponsored by EDII Ahmedabad under NIMAT, DST.	10-Sep-2018 2	118
ED Cell-Organized two EAC programs sponsored by EDII Ahmedabad under NIMAT, DST.	13-Feb-2019 3	105

ED Cell-Organized two EAC programs sponsored by EDII Ahmedabad under NIMAT, DST.	01-Oct-2019 3	123
R&D Cell -Received sanction of Rs.90 lakhs to Dr Sania Ansari & Dr S M Khairnar for multidisciplinary major research project from DBT New Delhi & EU.	20-Jun-2019 1460	5
R&D Cell-Received sanction of Rs.2.75 lakhs for minor research project to Mr Pratik Shah from SPPU under Aspire Scheme.	14-May-2019 730	3
R&D Cell-Received sanction of Rs.2 lakhs for minor research project to Mr Niraj Jadhav from SPPU under Aspire Scheme.	14-May-2019 730	3
R&D Cell-Submitted research proposal worth of Rs.5 lakhs to DST by Dr S M Khairnar.	24-May-2018 730	3
R&D Cell-Submitted major research proposal of Rs.25 lakhs to SERB by Aradhana Ganvir.	12-Jun-2018 1095	3
R&D Cell-Published more than 100 research papers in reviewed & approved journals.	06-Jun-2018 365	342
R&D Cell organized One day Seminar On	29-Dec-2018 7	83
TBI Cell- Indian Patent-01 (No: 201921012174, Date: 28-03-2019) System and methods for automated multi-purpose undetectable and spying spider robot	28-Mar-2019 1095	6
NBA Cell -Conducted orientation program of NBA for all faculties.	05-Mar-2019 1	67
Academic Administrative Audit	05-Jul-2019 5	5

8. Provide the list of Special Status conferred 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
Prof Pratik Shah	Aspire	SPPU BCUD	2019 1095	257000
Prof Niraj Jadhav	Aspire	SPPU BCUD	2019 1095	200000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)
NIRF participation
AISHE work 201819 (Code: C46648)
AICTE -CII survey participation
Online/ MOOC / FDP/ Courses by teaching faculties
RD, EDC, TBI, IPR and IIIC Cell functioning

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

Plan of Action	Achivements/Outcomes
Meeting for discussion on plan of Action prepared by IQAC for A. Y.	A meeting is conducted on 12/06/2108. The plan of action is discussed and

2018-19	suggestions from members are considered to amend in proposed plan.
Approval of Plan of action	Plan of action is discussed and approved on 27/06/2018 and put forward to Director for final approval
Defining POs, PSOs mapping and its attainment	POs, PEOs are Defined, Mapped to the Curriculum and implemented.
Initiate the process of ERP	Enterprise Resource Planning (ERP) Software for automation of academic and non academic processes is used. Currently 23 academic and administrative modules are in operational.
Review of result analysis and corrective action	Academic Audit is conducted and corrective action on result analysis as well as student feedback has been taken.
Stakeholders Feedback	Students, Teachers, Employers, Alumni, Parents feedback has been conducted and corrective action is taken.
Internal audit	Internal Audit conducted on 05.07.2019
External audit	External Audit conducted on on 08.07.2019
To arrange minimum 1 examination for each subject for indirect assessment and the marks of tests can be considered for continuous assessment.	Internal Tests have been Conducted for each subjects in the department and the marks of the tests are considered for continuous assessment.
To register and complete at-least two relevant MOOC courses or 1 MOOC course or 1 FDP or industrial training (not less than 5 days) or online NPTL certificate courses by all teaching faculty per year	29 FDP, and 6 Online Certification courses completed by faculties of E&TC, Mechanical and Engineering Science(FE) Department.
To achieve 95% campus placement of eligible & interested candidates with good package.	27 Companies visited the Institute for recruitment and 190 students have offered a Job.
To organize at least one common skill-development programme for the supporting and non-teaching staff	Two skill development programmes are conducted by IPR Cell for supporting and non-teaching staff.
To make the existing MoUs in function and auditing MoU outcomes	All Existing MoUs are functional and active. Two Days Skill development workshop under FUEL MoU is conducted for final year students of all the department.
To submit research proposals and patents for receiving grants	Research proposals submitted and Patents are filed. Research proposal worth of Rs.5 lakhs is submitted to DST by Dr S M Khairnar in the Month of May 2018. Major research proposal of Rs.25 lakhs submitted to SERB by Prof. Aradhana Ganvir.
To install surveillance cameras at	Surveillance cameras installed and are

vantage points in one of the departments in Phase I and WiFi in campus	functional.
Submission for NIR	Participated NIRF
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Governing Council	03-Jul-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2019
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Date of Submission	29-Jan-2019
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)	Enterprise Resource Planning (ERP) Software for automation of academic and non academic processes is used in the institute to maintain and analyze the data related to various processes of institute Currently academic and administrative modules are in operational. Modules currently operational are: 1] Students 2] Time Table 3] Attendance 4] Employee 5] Assignments, 6] Performances 7] Fees 8] Leave 9] Question Bank 10] Payroll 11] ID Card 12] Reports 13] Notification 14] Online Exam 15] Settings 16] Timesheet 17] Circular 18] Proctor 19] Examinations 20] Leave Management 21] Library 22] Dashboard 23] Event Attendance
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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

Dr. D Y Patil School of Engineering follows the curriculum designed and developed by the affiliating University (Savitribai Phule Pune University).

The Institute has strategic plan for effective implementation of the curriculum. Academic planning is done keeping in view of Institute Vision, Mission, and PSOs of various programs. The processes are defined for executing academic activities as per the academic planning done before commencement of the year. The well-defined & implemented processes are listed below; • Preparation of Institute’s academic calendar in line with academic calendar prescribed by SPPU. • Preparation of Department Academic Calendars, which include curricular, co-curricular and extra-curricular activities. • Workload Distribution (Finalizing the faculty for each subject) • Preparation of Time Table. • Preparation of Session Plan / Tutorial Plan / Assignment Plan / Lab Manuals.. • Preparation of Course file, which also include CO-PO-PSO mapping. Curriculum of every course is mapped with course outcomes. College does have a structured mechanism to obtain feedback on curriculum, course content delivery, extension activities, faculty development, infrastructural facilities, Laboratory development...etc from various stake holders (Students, Parents, Alumni, Teachers, Employer). Feedback received from any of the stake holders is analyzed critically and appropriate actions are taken on feedbacks. The valid points of improvement from all feedback reports are prioritized in terms of their relevance and importance and are taken into consideration for revising the curriculum, laboratory facilities, infrastructure etc. We are also informing feedback on curriculum to affiliating university (SPPU) through active participation of our faculty members in BOS workshops. Faculty conducts the course exit survey at the end of the semester on attainment of course outcomes of the course delivered by him/her. Analysis of course exit survey and attainments of CO’s helps in modifying contents or pedagogy of delivery of the course. Institute has actively functional Internal Quality Assurance Cell (IQAC) headed by Prof. Riyaj Kazi. Head of department and then Principal checks teaching plan versus conduction, syllabus plan versus conduction, planning versus execution on weekly basis. Internal and External academic audits are conducted by academic experts once in a year and corrective measures are taken accordingly.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
No Data Entered/Not Applicable !!!					

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
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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	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Computer Engineering	11/02/2019
BE	Civil Engineering	11/02/2019
BE	ETC Engineering	03/09/2018

BE	Mechanical Engineering	02/07/2018
ME	Computer Engineering	11/02/2019
ME	VLSI & Embedded System	03/09/2018
ME	Mechanical Design	02/07/2018

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

Certificate	Diploma Course
No Data Entered/Not Applicable !!!	

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
Aptitude Development	21/02/2019	87
Soft Skills Personality Development	01/02/2019	320
Communication Interpersonal skills	04/01/2019	40
Japanese Language	17/12/2018	120
German Language	17/12/2018	120
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Internship	4
BE	Data Analysis for Freelancing and Crowd Funding Sites using Data Science and R Programming (CE2)	4
BE	"Face Recognition And Mood Analysis (CE1) "	3
BE	Disease prediction by machine learning from healthcare communities(CE3)	4
BE	Configuration Driven Web-Development Framework (CE4)	4
BE	Smart Hospital management using IOT (CE5)	4
BE	IOT Based SMART-WHEELCHAIR (CE6)	4
BE	Interview preparation by chatbot (CE7)	4
BE	Automatic Evaluation of answer sheet and marking system (CE8)	4

BE	Resource optimization through combining two trim lines	4
BE	Design and development of Impeller of centrifugal pump	4
BE	Valve Lapping Machine	4
BE	Performace enhancement of solar still	4
BE	Design and development of gasket making machine	4
BE	Automatic Wood Sofa leg making machine	4
BE	To Eliminate Tube Cut Defect Produced in Radiators During RCA(Radiator Core Assembly)	4
BE	Pneumatic bearing puller	4
BE	Design and development of material handelling system for Tyre retrading plant	4
BE	Automatic Bike Washing Machine	4
BE	Door Opening Mechanism For Weapon Body	4
BE	Design and manufacturing of Turning/Indexing for inline assembly of 3L Block.	4
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained
The Institute has a structured mechanism to elicit feedback from Students, Parents, Teachers, Alumni Employer to monitor and evaluate the quality of teaching learning and other academic and administrative processes. Structured Feedback is collected periodically from above mentioned stake holders through ERP, Google form, Parent Teacher Meet, Suggestion Box.. etc. Student feedback

is reviewed and communicated on real time basis to the faculty members. The feedback analysis is shared and discussed in departmental meeting before the commencement of the ensuing semester with all the faculty members through Head of Department (HOD). This method helps the faculty members to take future corrective measures in teaching and curriculum design through affiliating university. The faculty members having highest feedback score are appreciated and note is given for corrective action to the faculty members having feedback score below 70. Online feedback system is available through college website. Students can also give feedback on infrastructure, laboratories, transport, canteen...etc. through the suggestion box available in the department. The feedback is collected from the parents and teachers on the facilities available in the department/Institute. The alumni is also giving feedback on curricula, training, projects...etc. Feedback Analysis: The feedback received from all these sources are discussed in the departmental/institute level meeting and appropriate actions are taken for overall development of the institute.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	BE Civil Engineering	60	49	49
BE	BE E & TC Engineering	60	54	54
BE	Mechanical Engineering	180	103	103
BE	computer Engineering	120	127	127

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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 fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1563	63	86	12	98

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 (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
98	85	6	10	1	10

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The institute has an integrated mentoring system for a group of 20 students where the faculty acts as a link between the students and the institution and perform the following functions Mentors are assigned to monitor and

guide students all through the three years (SE, TE BE). 1. One faculty member is assigned as Mentor. This aims at helping students in extracurricular, cocurricular and other activities. The mentor guides for the overall development of the mentee, which includes academic performance, career development and personal development etc. 2. The schedule for the mentormentees meeting is mentioned in the academic calendar of the respective department. The mentees can meet the mentors additionally at the end of practical sessions during the semester. 3. The issues / difficulties raised in such meetings are further escalated if required. 4. Qualified counsellors (Dr Rashmi Patil Prof. Yuvraj Patil) are appointed by the institute to help students in case of any personal issues. 5. Students meetings are also conducted periodically through student council with the Heads and Principal to understand the problems faced by the students for corrective measures. The scheme is adapted for the value additions to the students like – • Bridging the gap between the teachers and students. • Creation of a better environment in college, where students can approach teachers for both educational and personal guidance. • Enhancement of knowledge base for both teachers and students alike, due to effective twoway communication. • Awareness and support to students for GATE, GRE, Civil Services, IES, and other Govt. PSUs examinations. • Motivation for higher studies and entrepreneurship. • Advice and support for improvement in academic performance. Ongoing process: • Regular meetings are held between mentor and mentee. • A mentor file is maintained for each batch. • The mentor file has both personal and academic data in prescribed format approved by Principal. • Students are allowed to approach the mentor for both academic personal problems. • Personalized professional /career advice is given to the mentee. • Parent – Teacher Meet is conducted once in a semester. • Mentors coordinate with the parents regarding the progress of the students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1626	98	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
99	98	1	0	11

2.4.2 – Honours and recognition 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
2018	Pankaj Agarkar	Assistant Professor	Reviewer and session chair of CPGCON, SPPU, Pune
2018	Dr.S.M.Koli	Professor	PhD Guide ((SPPU)
2019	Nishikant Surwade	Assistant Professor	PG Teacher Recognition (SPPU)
2019	Dr. Rashmi P Mahajan	Assistant Professor	PG Teacher Recognition (SPPU)
2018	Dr. F. B. Sayyad	Professor	Award01 (IARDO Award for Academic Leadership 2018 Fellowship: 02 1) Senior Fellow for Governing Council of SIESRP 2) Fellow Membership of ISME.
2018	Pankaj Agarkar	Assistant Professor	Reviewer and session chair of CPGCON, SPPU,

			Pune Reviewer of MJRET: Multidisciplinary Journal of Research IN Engineering and Technology
2018	Sunil Rathod	Assistant Professor	Completed NPTEL online certification in Joy of Computing using Python
2018	Yogesh Thorat	Assistant Professor	Reviewer of MJRET: Multidisciplinary Journal of Research IN Engineering and Technology
2018	Jayashree Chaudhari	Assistant Professor	Completed NPTEL online certification of Programming in C
2018	Amruta Chitari	Assistant Professor	Completed NPTEL online certification of Programming in C
2018	Yogesh Mali	Assistant Professor	Completed NPTEL online certification of IOT
2018	Chaitanya Bhosale	Assistant Professor	Completed NPTEL online certification of IOT
2018	Ashwini Pandagale	Assistant Professor	Completed NPTEL online certification of IOT
2018	Ashwini Navale	Assistant Professor	Completed NPTEL online certification of Software Engineering
2018	Ajit Pagar	Assistant Professor	Completed NPTEL online certification of Software Engineering
2018	Ajita Mahapadi	Assistant Professor	Completed NPTEL online certification of Cloud Computing
2018	Ajita Mahapadi	Assistant Professor	Completed NPTEL online certification of

			Software Engineering
2018	Sunil Rathod	Assistant Professor	Completed NPTEL online certification in Introduction to Programming in C
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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
BE	673261210	BE Civil Engg.	17/10/2019	04/02/2019
BE	673237210	BE ETC Engineering	17/10/2019	04/02/2019
BE	673219110	BE Mechanical Engineering	17/10/2019	04/02/2019
BE	673224510	BE Computer Engineering	17/10/2019	04/02/2019
ME	673261210	ME Mechanical Engineering	24/10/2018	20/03/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Dr D Y Patil School of Engineering, is affiliated to Savitribai Phule Pune University, it follows all the evaluation reforms as prescribed by the University. In addition, the Institute has introduced measures on its own. Following are the major evaluation reforms introduced by the University. • College Examination Officer (CEO) As per University directives, the Institute has appointed an experienced faculty member as College Examination Officer (CEO) and Associate CEO. The Examination Committee is headed by Principal, assisted by CEO, Associate CEO and one faculty members from each department. University has introduced the model of Insem examination for Third year (TE), Final Year (BE) and Master of Engineering (ME) courses and online examination for evaluation of First and Second year engineering courses. As per the University guidelines credit system has been introduced for the PG Programmes. The reforms initiated by the Institute are - conducting class test on each unit, prelim examination, mock online tests, mock written test, mock practicals...etc.

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

The Academic calendar of institute is prepared and then departments prepares their academic calendar which is in adherence with the University calendar. All departments conducts the meetings of faculty before term end of previous semester and discusses the syllabus of the program and identifies specialized faculty in particular domain and calls the subject preferences from the faculty. Based on this discussion HOD distributes the work load approved by the Principal. Faculty prepares teaching plan of topics to be covered in upcoming

semester as well as course file before the beginning of next semester. The faculty prepares course file by referring standard course file index. It includes details of session plan, course content, previous year University question papers, home assignments, COPOPSO's mapping... etc. The Course file is evaluated by respective Head of Department and Principal. The students are informed about time table, academic calendar and session plan before the start of semester. Institute conducts Unit Tests and Prelim Exam during the term. The Mock Practical and Orals are also conducted. Students academic performance in these tests is evaluated and used to identify the extra efforts required to improve results. Continuous assessment is done based on students' performance in the above exams, assignments, attendance etc. At the end of semester, course exit survey is collected. Course outcome are evaluated based on survey analysis of course and student's performance in exams. All departments organizes cocurricular and extracurricular activities to supplement the curriculum. All departments carries out result analysis and gives the information to IQAC and seeks the guidelines from it for further improvement.

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)

http://dypic.in/dypsoe/PO_PSO_CO.html

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
673261210	BE	BE- Civil Engineering	71	61	85.91
673237210	BE	BE-E&TC Engineering	53	40	75.47
673219110	BE	BE- Mechanical Engineering	194	175	90.20
673224510	BE	BE-Computer Engineering	97	90	92.78

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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)

<http://dypic.in/dypsoe/survey.html>

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 year
Projects sponsored by the University	2	Savitribai phule Pune university SPPU ASPIRE (Board	2.75	1.37

		of colleges and university department BCUD)		
Projects sponsored by the University	2	Savitribai phule Pune university SPPU ASPIRE (Board of colleges and university department BCUD)	1.5	0.5
Major Projects	4	SPRING DBT EU cooperation	98	0
Industry sponsored Projects	1	Implementation of green building concept in SOE by using Revit software Edesign Academy	0	0
Industry sponsored Projects	1	Mitigation Techniques for Soil Liquefaction, Yogeshwar Associates,	0	0
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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
Seminar On Building Information Modeling	Civil Engineering	08/09/2018
Seminar on How to Receive Patent	Civil Engineering	19/01/2018
Seminar trending software's in Civil Engineering	Civil Engineering	04/10/2018
Recent trends in civil engineering for sustainable development	Civil Engineering	26/02/2019
one day workshop on IPR	All Deprtmnts	10/04/2019
Idea generation session	All Deprtmnts	17/04/2019
Conducted 2 hours session for the FE students in the Induction program	All Deprtmnts	30/04/2019
An Expert lecture on How to generate Patentable/Innovative ideas to address common	Computer Engineering	26/04/2019

man's Problems		
Industry Institute Interaction Week	ETC	27/08/2019
Workshop on 3D Printing by 3D Eometry Innovation, Pune	Mechanical	21/02/2019

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Electrical Vehicles in the context of India	Mr. Suyash A. Sonawane, Mr. Akshay S. Daphal, Mr. Saurbh Sampat Varpe Mr. Ravindra Chavan	CADCAMGURU (T.I.D.E. 201819)	29/03/2019	State Level
Gokart Championship	Kiran Khore Ruttvik Kholam Rupesh Patil	Auto India Racing	24/03/2019	National level
Gokart Championship	Adesh Pote	Organized by LPU Punjab, India	18/03/2019	International Level
Dynamics Mechtrix	Ajay patil Sumesh Narkhede	COEP, Pune	29/09/2019	National Level
Excellent research Award	Dr Prashant Chaudhary	CISR Foundation	08/06/2019	International Level
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
IPR Cell	IPR Cell	PSPIP	TCSC Cell	Consultancy	11/01/2018
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
5	7	1

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Mechanical	1
E TC	1
Computer	1
FE	1

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
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International	Engineering Sciences	13	0.5
International	Mechanical Engg	31	1.2
International	Civil Engg	12	0.8
International	ETC Engg	32	1.4
International	Computer Engg	64	0.6

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Mechanical Engineering	6
Electronics Telecomm. Engineering	1
View File	

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Design of various load holding and carrying device on two wheeler	Amarbahadur Pal Amol Awatade Kernath Mane Manish Kumar	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Review on flexural behavior of reinforcement concrete beam using foundry sand	BHOSALE A. S. DESHMUKH M. R. KOSHTI R. D. SHINDE V. R. YACHAWAD N. B.	IJETSR Volume 5, Issue 3, March 2018,ISSN 2394 3386	2018	0	DYPSOE	0
Analysis of water for its deuterium content and its effect on potability	Atul Suresh Jadhav Dr Prashant P Chaudhari Omkar Shivaji Giri Sanjay M. Karodpati Swapnil Prakash Mane	IJETSR Volume 5, Issue 3, March 2018,ISSN 2394 3386	2018	0	DYPSOE	0
Application of line	Piyush D. Kene Sai	IJETSR Volume 5,	2018	0	DYPSOE	0

of balance scheduling technique (lobst)for a low income group housing project in pune	S. Rudrawar Sheetal Marawar Shubham B. Jadhav Shubham S. Kutwal	Issue 3, March 2018,ISSN 2394 3386				
Gust analysis of tall building by is 875(part 3)1987 and by e tabs software	Amruta G. Whatte Eklavya Sarnaik Omkar Kamble Pooja Niphade Ravindra Jori	IJETSR Volume 5, Issue 3, March 2018,ISSN 2394 3386	2018	0	DYPSOE	0
IMPACTS AND EFFECTS OF RERA ON CO NSTRUCTION INDUSTRY	Abhishek G. Munde Bhimrao M. Sonkamble Sanjay Karodpati Sapana G. Swami Shriniwas D. Londhe	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Review Of Researches On Durability Of Concrete Using Fibres	Aishwarya Hande Deep Kotadiya Jitendra D. Dalvi Sarita Shelake Yashwant Bundele	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
STUDY AND TREATMENT OF DISCARDED WATER BY R.O. FILTER	Chaitali K. Mahajan Harshada B. Borude Pratiksha S. Pejgude Rajesh C. Katdare	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
TO STUDY THE FEASIB ILITY OF FIXING AERATOR IN HOUSING SOCIETY FOR WATER CONSERVATI	Aditya Kumar Dwivedi Mohammed Umair Bhati Sanjay Karodpati Suresh	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0

ON	Patil Ujjwal Vaid					
Torsional And Flexural Strength On Sisal Fiber Reinforced Concrete Beam - A Recent Review	Piyush B Mahajan Prof. Jitendra D Dalvi Shubham D Pawar Suraj V Nakate4 Vipul V Kadlakh	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Fully And Partial Re placement Of River Sand By Crushed Stone Sand For External Plaster Work	Gaurav D Deshmukh Ketan M Datkhile Mahesh O Doke Sumeet S Pophale Uday A Kakde5	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
REVIEW OF RESEARCHES ONPREPARAT ION OF HIGH STRENGTH CONCRETE USING RECYCLED AGGREGATE	DALE A.D DURGE T.V HANCHATE H.N KAKDE U.A. TINGRE O.V	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Design, De velopment Manufactur ing of Leather Strips Cross Weaving Machine for Kolhapuri Footwear	Kunal S.Marathe Mahesh Ghumade Shubham Dhane Sumit Jadhav Yash Chavande	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Semi - Automatic shrub cutting machine	Aditya R. Patil Akshay S. Khedekar Mahesh D. Karpe Suraj R. Gavali Swapnil D.	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0

	Bhujbal					
Vibration Based Condition Monitoring Of FDFAN Of Boiler at Power Plant	Garud Amol R Nikam Amol Sadakale Aniket R Simraan Khan V D Tirpude	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
A Review paper on Combination of Oldham's and Universal couplings	Dr. D. S. More Heman tkumar Bhure	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
A Review Paper on Fault Detection of a Gearbox	Milind Gaikwad Prashant Karajgi	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Design Analysis of Piping System for Optimizati on of Pipe Wall Thickness	Dr. M. Saha Kamalakar G. Wagh	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Design and Analysis of Auxetic Honeycomb	A. B. Gaikwad Dr. Monimoy Saha Amruta L. Adasul	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Design and Analysis of Car Disc Brake by Using FEM	Arun.P.Kam ble Mahesh Mane	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Design and Analysis of Disk Furrow Opener	Amol Gaikwad Pravin Ramnath Karad	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Design and Analysis of Engine Mounting Bracket	Dr. Monimoy Saha Sagar V. Birari	IJETSR, Volume 5, Issue 3, March 2018, ISSN	2018	0	DYPSOE	0

		23943386				
Design And Modification Of Commercial Vehicle Braking System For Reducing Noise And Grabbing	Akash V. Ochawar Amol B. Gaikwad	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Design, Development and Analysis of Press Tool for an Industrial Part	Abhijit Ashok Maske Prof. Amol N. Patil	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
FEA Experimental Approach for Weld Fatigue Stress Evaluation of Pressure Vessel Nozzle Joint	Dr. D. S. More Amol A. Kamble	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
SOFC Active Suspension System	Amol Gaikwad Harshada Chaudhari Amol Kamble	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Vibration Analysis of Open Wind Tunnel by Using Experimental and FEA Technique.	A.P. Deshmukh Diksha Bibe	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Weight Optimization of Laminated Hook by Topological Approach	A B Gaikwad Manisha Shegokar	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
WEIGHT OPT	A. B.	IJETSR,	2018	0	DYPSOE	0

IMIZATION OF OUTER LINK PLATE OF ROLLER CHAIN BY TOPOLOGICAL APPROACH	Gaikwad Hrishikesh Kakade	Volume 5, Issue 3, March 2018, ISSN 23943386				
Automatic Drainage Cleaning Machine	Vinod G Patil Akshay K Waghmare Nikhil Jain Rohit R Bukte Sanket V Alhat	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Colour booth machine for leather products'	Aghav Nitin Rajabhau Akash Jagdale Shubham Subhash Rodage Vishwanath kand	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
The aerodynamic shape optimization for a small horizontal axis wind turbine blades at low Reynolds number	Manoj Kumar Chaudhary and S Prakash	IJMPERD	2018	0	DYPSOE	0
Investigation of blade geometry and airfoil for small wind turbine blade	Manoj Kumar Chaudhary and S Prakash	ASEM	2018	0	DYPSOE	0
Double Loop Decoupled Proportional Controller for	M I Ansari, F B Sayyad .	IJET	2018	0	DYPSOE	0

Dynamic and Kinematic Model for a Ground						
Design and Fabrication of Vibratory Bowl Feeder	Akash Sonune Raghvendra Zade Jameer Shaikh K.S. Marathe Nitin Wagh	IJETSRR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Design and development of mechanism to destroy scrap products	Adwait M. Borkar Sarthak S. Darawade Aniket M. Gaikwad Aniket Thawkar Ashish B. Bomble	IJETSRR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Design and Development of Prestitching leather punching machine	Ashraf M. Khan Suraj S. Thakur Saique B. Khan Sammed N. Majalekar	IJETSRR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Development of Transparent Tools for Forging	Ashwin Saindane Ganesh Jambhale Mayur Kadam Parag Marathe Shubham Chinchkar	IJETSRR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Investigation of temperature near cutting zone in drilling of Ti6Al4V alloy	Pavan G. Bankar Sagar S. Shinde Pratik G. Daundkar Rohan Jagtap	IJETSRR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
MultiPurpose Cleaning Machine	Akshay D. Jagtap Rohit V. Meshram Dipak S. Marshivane	IJETSRR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0

	Kartik Manohar Pawar					
DESIGN OF CHEESE GRIT MACHINE	Chafakanad e Kiran S B Shinde Jedhe Pratik Munde Ganesh	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
DESIGN OF SHOCK ABSORBER TEST RIG FOR TWO WHEELER SUSPENSION SYSTEM	Akshay V. Survase Amit Ranpise Jay Vijay Kadam Pravin R. Patane	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Environmental Aspects of a Smart Village Case study on Smart village	Chinmay.P. Shilavane Chireenjiv ee.G.Naik Manoj.L.Vi spute R. C. Katdare Rakesh.S.J agtap	IJETSR, Volume 5, Issue 3, March 2018, ISSN 23943386	2018	0	DYPSOE	0
Smart Dustbin Development With Alert System	Prof. Monika Dangore, Tapkir Kajal Narayan	volume 3,issue 3, pg. 561156 13,ISSN: 23951621, June 2019	2018	0	DYPSOE	0
Design Of Autonomous Vehicle Using Computer Vision	Prof. Ajhar Shaikh, Sanket Kadam, Pratik Bhor, Ajinkya Kadam, Rupesh Aundhe	volume 4,issue 5, pg. 561156 13,ISSN: 23956011,Dec 2018	2018	0	DYPSOE	0
Forecasting Taxi Cancellation Of Online Booking App	Prof. Amruta C, AKSHAY ARUN AMBRE, NISHANT	volume 5,issue 12, pg. 56 115613,ISS N: 2393987 7,Dec 2018	2019	0	DYPSOE	0
Content Based Image Retrieval System	Prof. Monika Dangore, Tapkir Kajal	volume 7,issue 6, ISSN: 2321 9653,June 2019	2019	0	DYPSOE	0

Using Machine Learning	Narayan					
A Implemen taton on Big Data Analytics For Mobile Marketing using Hadoop	Prof. Ajhar Shaikh, Sanket Kadam, Pratik Bhor, Ajinkya Kadam, Rupesh Aundhe	Volume 3, issue 3 , pg. 56895692, ISSN 23951621, June 2019	2019	0	DYPSOE	0
Solar Power Prediction Using Recurrent Neural Network	Prof. Amruta C, AKSHAY ARUN AMBRE, NISHANT	Volume 7, issue 5 , pg. 33273331, ISSN 23219 653,May 2019	2019	0	DYPSOE	0
Advancemen t In Home Automation Using LiFi Technology	Prof. Yogesh Thorat, DALVI NIKHIL VIJAY, KHAPRE MANISH RAM DASPANT, KADAM SHUBHAM VIJAY, REPAL ANKUR UTKARSH	Volume 6, issue 3 4, pg. 3740, ISSN 23486953, june 2019	2019	0	DYPSOE	0
Privacy Protection For Healthcare System Using Cloud Security	Prof. Nikita B, Prathamesh Kalyankar, Ishwar Wankhede, Shubham Agarwal, Shridhar Jadhav	Volume 6, issue 10 , pg. 33273331, ISSN 23210 613,2018	2018	0	DYPSOE	0
Live Crowd Visualizat ion And Event Trak ing:Iot Based Mult ipurpose Pwa	Prof. Soumitra D as,Harshwa rdhan Gughane, Abhimanyu Jadhav, Ganesh	Volume 7, issue 6, pg. 369375, ISSN 23198753, May 2019	2019	0	DYPSOE	0
Secure Data Distr	Prof. Monika	Volume 8, issue 5,	2019	0	DYPSOE	0

istribution System In Cloud Computing Using Block Level	Dangore, Shayanika Hazarika	pg. , ISSN 23198753, June 2019				
Digital Watr Management Using Machine Learning Techniq	Prof. Jayashree Chaudhar, Shreya Pottekatt	Volume 6, issue 10 , pg. 33273331, ISSN 23210 613,2018	2018	0	DYPSOE	0
Data Resource Sharing For Cloud Brokers In Cloud Envi ronment	Prof. Pramod Jadhav, Attideep Raina Parmar Vihan Ajaykumar Yamini Pradeep Gaikwad	Volume 5, issue 6, pg. 184189, ISSN 23951052, June 2019	2019	0	DYPSOE	0
Credit Card Fraud Detection Using Fing erprint Au thenticati on	Prof. Dr.Sunil Rathod, Shiwani Salve Priti Kothavale Saiprasad Kale Suyash Gore	Volume 5, issue 6, pg. 1114, ISSN 23951052, June 2019	2019	0	DYPSOE	0
Smart Hospital Management Using Iot	Prof.Palla vi Shimp, Sayali Kishor Bhide Sagar Namdev More Arati Dilip Kamble	Volume 6, issue 3 4, pg. 15, ISSN 23486953, june 2019	2019	0	DYPSOE	0
IOT Based Smart Wheelchair	Prof.Ajit Pagar, Wagh Prathmesh Sayaji Mhaske Amol Kailas Salke Sagar	volume 3,issue 3, pg. 573157 34,ISSN: 23951621, June 2019	2019	0	DYPSOE	0

	Eknath Dhawale Tejas Manoj					
Dynamic Web Develo pment	Prof. Soumitra Das, Pratik Janardan Ghule Doshi Vrushabh Rajendra Binwade Kishor Rajendra Bagwan Siraj Rasul	volume 5,issue 6, pg. 561156 13,ISSN: 23951052, Dec 2018	2018	0	DYPSOE	0
A System For Hearing Disability Person For Converting Spoken Line Into Hand Gesture	Prof. Dr. Pankaj Agarkar, Suraj Batwal Pratik Daundkar Vinay Daunkar Kartik Hagir	volume 3,issue 1, pg. 492549 27,ISSN: 23951621, June 2019	2019	0	DYPSOE	0
Web Access ibility for Blind Users/Pers ons	Prof. Jayashree Chaudhari, Ishtiyaque Khan, Sadaf Naaz, Nirmal Yadav	Volume 4 Issue 12Dec 2018	2018	0	DYPSOE	0
Big Data Analytics Service Framework for Mobile Advertisin g and Marketing	Prof. Sachin Pat il,Pratham esh Kalyankar, Shubham Agarwal ,Shridhar , Ishwar Wankhade Jadhav	Volume 4 Issue 10Oct 2018	2018	0	DYPSOE	0
Advancemen t In Home Automation Using LiFi Technology : A Survey	Prof. Soumitra D as,Harshwa rdhan Gughane, Abhimanyu	Volume 6,Issue 12,Dec2019	2019	0	DYPSOE	0

	Jadhav, Ganesh Udm ale,Kiran Adamane					
Data Analysis for Freela ncing and Crowd Funding Sites using Data Science and R Prog ramming	Prof. Ajit Pagar,BHAP KAR DINESH DIPAK, GULAIR VIR ENDERSINGH , VAHILE SWAPNIL DA TTATRAYPIN JAN VINIT DILIPBHUPE NDERSINGH	Volume 8 Issue 9 published on 30th September 2018	2018	0	DYPSOE	0
A Survey on Block Design Based Key Agreement for Group Sharing in Cloud Computing	Prof. Pramod Jadhav, ATTIDEEP RAINA, PARMAR VIHAN AJAYKUMAR, YAMINI PRADEEP GAIKWAD	Volumel0, Issue5(Nov 18)	2018	0	DYPSOE	0
A survey on Disease prediction using Machine learning from Healthcare	Prof. Yogesh Tho rat,POOJA NAVALI, AMRUTA SAO, SAKSHI GUPTA ,SAVITA BHAT	Volume5 Issue 12 (December 2018)	2018	0	DYPSOE	0
Voiced Based Translator	Prof. Monika Dangore, SHAYANIKA HAZARIKA, POONAM SUR YAWANSHI, NIKITA SHINDE	Internatio nal Journal of Advanced Research in Computer Science and Software E ngineering volume 6 Issue XII, Dec 2018	2018	0	DYPSOE	0
CONFIGURAT ION DRIVEN WEB DEVELO PMENT FRAMEWORK	Prof. Soumitra Das, PRATIK JANARDAN	IJSART Volume 4 Issue 12 December 2018	2018	0	DYPSOE	0

	GHULE, DOSHI VRUSHABH RAJENDRA, BAGWAN SIRAJ RASU LBINWADE KISHOR RAJENDRA					
A Survey on Image Retrieval using Machine Learning	Prof. Yogesh Thorat, DALVI NIKHIL VIJAY, KHAPRE MANISH RAM DASPANT, KADAM SHUBHAM VIJAY, REPAL ANKUR UTKARSH	IRJET Volume 5 Issue 12 December 2018	2018	0	DYPSOE	0
Power Forecast of Solar Panels using Machine Learning Techniques: A Survey	Prof. Sunil Rathod, ANIKET, MRIGAIS PANDEY, DHANANJAY JHA, HARJIT SINGH	IJSART Volume 4 Issue 10 October 2018	2018	0	DYPSOE	0
Cloud Resource Sharing	Prof. Pramod Jadhav, SANKET GIRI, OMKAR TAPKIR, SHUBHAM BH OSKAR, AYUSH MAHENDRA	IJSART, Volume 4 Issue 12 December 2018	2018	0	DYPSOE	0
IOT Based SmartWheel chair	Prof. Ajit Pagar, Wagh Prathmesh Sayaji Mhaske Amol Kailas Salke Sagar Eknath Dhawale Tejas	IERJ Volume 3 Issue 15th Dec 2018	2018	0	DYPSOE	0

	Manoj					
Interview preparation by chatbots	Prof. Monika Dangore, Sonali Rajguru, Ajay Chavan, Ashutosh Rane, Shwetali Shinde	IETT Volume 5 Issue 12 Dec 2018	2018	0	DYPSOE	0
Prediction in Stock Market By Using Artificial Intelligence and Machine Learning	Prof. Sunil Rathod, ANIKET, MRIGAIS PANDEY, DHANANJAY JHA, HARJIT SINGH	International Journal for Science and Advance Research in Technology (IJSART) Volume 4 Issue 12 December 2018	2018	0	DYPSOE	0
A Survey Paper On Digital Water Management Using Machine Learning	Prof. Dr. Sunil Rathod, Shiwani Salve Priti Kothavale Saiprasad Kale Suyash Gore	International Journal for Scientific Research Development Volume 6 Issue 10, 2018	2018	0	DYPSOE	0
AUTOMATIC EVALUATION OF ANSWERSHEET AND MARKING SYSTEM	Prof. Dr. Pankaj Agarkar, Suraj Batwal Pratik Daundkar Vinay Daunkar Kartik Hagir	Journal for Science and Advance Research in Technology (IJSART) volume 4, Issue 12 December 2018	2018	0	DYPSOE	0
An Automated Human Queue Management at Public	Bhagyashree Patel, Master Ajinkya Kale, Poonam Khobre, Shi	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 -	2018	0	DYPSOE	0

Places, Holy Places or Shrines	vani Naidu, Sunil D Rathod	8616				
Identification and Notification of Threats in Communication of Text, Voice or Video data in Defence and Corporate Sectors	Elizabeth Pathipalli Manisha Adarshe Master Shubham Vasekar Prof. Sunil D Rathod	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Participatory Budget Submission Management System	Somesh Mhetre Akhil Ramteke Amruta Chitari Kushagra Yeramwar Sumet Bhikule	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Participatory Budget Submission Management System	Somesh Mhetre Akhil Ramteke Amruta Chitari Kushagra Yeramwar Sumet Bhikule	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Virtual Trial Room	Aishwarya Tingre Ashwini Sagade Fareen Shikh Shobhit Kujur	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Event Detection And Alarm Notification using Live Video Surveillance	Ashwini Jagmagendi Kshitija Samudre Poonam Solankar Pragati Gaikwad Yogesh Thorat	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Collaborative Content Creation and Management: A	Aanchal Negi Bikesh Singh Pratihya Singh Roshan Singh Soumitra	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 -	2018	0	DYPSOE	0

web Based Application	Das	8616				
IoT Based Industrial Management	Aishwarya Haldikar Amruta Chitari Piyush Lalwani Shweta Pandey	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Secure Communication Using Covert Channel	Akshay Jamge Pallavi Shimpi Priyanka Ghenand Saurabh Jagtap	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Face Recognition using IoT	Akanksha Dukare Archana Gaikwad Minakshee Bagul Sandesh Kulkarni	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Data Hiding In Image Edge Base For Secure Communication Using DCT Method	Aparna Jadhav Kiran Kaldate Kushal Yadav Popat Borse Rohit Kharve	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Building an intrusion detection system using a filterbased feature selection algorithm	Ashwini Sagade Narendra Varude Pushp Raj Sana Ansari	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Application of LiFi in Wireless Sensor Network: A Survey	Ashwini Gadade Jyoti Pandit Soumitra Das Swapnil Gangarde	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Voter's	Ankit	IJIACS,	2018	0	DYPSOE	0

Voice for Budget Exp enditure	Gupta Monika Dangore Ravindra Paramane Shubham Chaskar	Volume 7, Issue 3, March 2018, ISSN 2347 - 8616				
Facial Rec ognition Using Deep Learning Neural Network	Aayush Sharma Abdullah Khan Jayashree Chaudhari Nilabh Swapnil Shrinath Oza	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Facial Expression Recognitio n	Dr. Pankaj Agarkar Navita Gwalani Pratiksha Ghare Snehal Choudhari	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Data Hiding In AudioVideo Using Anti Forensics Technique for Secret Message and Data in MP4 Container	Ashok Shinde Bhushan Patole Mohit Bhatt Pallavi Shimpi	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Personaliz ing Education for Improving Individual Learning through Tracking and Course Recommenda tion using Machine Learning Approach	Master Nikhil Kashid Master Pratik Agarwal Master Sourabh Pawar Sunil Rathod	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Maintainin g Privacy On Photo Sharing	Bhushan Patil Kiran Thorat Monika	IJIACS, Volume 7, Issue 3, March 2018, ISSN	2018	0	DYPSOE	0

	Dangore Sagar Chougule	2347 - 8616				
Secured Voice Control Laboratory Devices	Gajanan Gadekar Lochan Mankar Mauli Patil Sonal Shinde	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Fetus Heart Rate Monitoring Using Smart Phone	Akshada Ravindra Patil Soumitra Das	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Domain Sensitive Recommendation	Dr. Sunil Rathod Komal Ghadage	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Hadoop Performance Modeling	Dr. Pankaj Agarkar Vipin Dahiya	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
A Comparative Study of Sentiment Analysis Techniques	Dr. Sunil Rathod Pooja Dinkar Shinde	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Dynamic Role Base Access Control (RAC) using Multi Authority verification in Cloud Environment	Sayali Y. Bamble Sunil D. Rathod	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Performance and Privacy of Big Data	Dr. Pankaj Agarkar Sujeet Kumar	IJIACS, Volume 7, Issue 3, March	2018	0	DYPSOE	0

Privacy		2018, ISSN 2347 - 8616				
Artificial Intelligence in Power Station	Soumitra Das Yogita Dhole	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Privacy Approach on Relational Database using Fingerprint Insertion and Removal for Distributed Databases	Dr. Pankaj Agarkar Megha Yawalkar	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
System to Rank Answers in Community Question Answering Sites	DR. Pankaj Agarkar Sana Kadar Sayyad	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Efficient Motif Discovery	Soumitra Das Swati Tanpure	IJIACS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8616	2018	0	DYPSOE	0
Human Intrusion Detection System Based On IOT	Piyush H. Marathe Samrat J. kamble Saurabh S. Rahatekar	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
SMART CITY CAR PARKING SYSTEM WITH IoT	Ajit Tanaji Kale Amol Dattatraya Wankhade	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
Smart Vessel Holder For Liquid Boiling	CHAVAN NEERAJ SHEKHAR HIMANI TYAGI ROMIL JAIN	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0

Vehicle theft detection system based on GSM and GPS	Anmol D. Patil Hanuman B. Hoge Riyaj Kazi Sohel Khalifa	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
BRAIN COMPUTER INTERFACE BASED WHEELCHAIR FOR PHYSICALLY DISABLED PERSON	Ajinkya Mandavkar Riyaj Kazi Rohit Kadam Sumit Pathak	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
TEXT ENCRYPTION AND DECRYPTION USING AES ALGORITHM	Akash Takale Kundan Kumar Saraf Nandini Goyal Shubham Raokhande	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
BROADBAND EH SHAPED MICROSTRIP PATCH ANTENNA FOR WIRELESS SYSTEMS	Prachi Jha Pranita Patil Sameer Datkhore	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
ANTITHEFT SYSTEM FOR AGRICULTURAL PUMPS AND MOTORS	Akshay D. Pawar Suraj S. Mali Venkatesh K. Kulkarni	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
IMPLEMENTATION OF ARITHMETIC OPERATIONS USING VEDIC MATHS ON FPGA	Kumawat Varsha Balaji Mahek Anuj Bhatnagar	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
SOLAR ENERGY UTILIZATION AND MANAGEMENT SYSTEM USING IoT	AMOL B. PATIL PRASHANT N .DANDAWATE RASHMI MAHAJAN YOGESH S. LAKADE	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0

AUTOMATED BABY CRADLE	Akshay Ghogare Sayyed Sajeet Shubham Gawade	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
IOT BASED GAS PIPE LEAKAGE DETECTOR	Pradeep Khatua Prashant Ghodke Sourabh Sapkal	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
DRIVER SAFETY MANAGEMENT SYSTEM USING IOT	Prithviraj Digole Ravi Lipne Sahil Soygaonkar	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
Survey paper on study of ocular disorders	Pratik Badhe Pravin Pawar	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
Study of Underwater Pipeline Pollution Monitoring using Aquatics Robot	Priyanka K. Aiwale Saniya M. Ansari	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
A Novel Approach to Implement Green Wave System for Life Saving Vehicle Clearance, Traffic Management and Missing Vehicle Id entificati on	Rashmi P Mahajan Vinod Kumar Pundir	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
ECG BASED HEALTH CARE MONITORING SYSTEM USING IOT	Riyaj Kazi Shakti Kaushal	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0

Detection of an Intruder and Protecting Military Perimeters by Predicting his state of motion using Seismic Sensor	Avinash Kumar Rashmi P Mahajan	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
A Review of WSN based Smart Sensors and Actuator for Power Management in Intelligent buildings	Heeralal Kumar Sah Sanjay Koli	IJECS, Volume 7, Issue 3, March 2018, ISSN 2348117X	2018	0	DYPSOE	0
Text Encryption and Decryption using AES Algorithm	Kundankumar Saraf, Nandini Goyal, Shubham Raokhande, Akash Takale	International Journal of Electronics, Electrical and Computational System, Volume 7, Issue 3, ISSN 2348117x, pp 638643, March 2018	2018	0	DYPSOE	0
Electric Power Generation Using Solar And Wind	Kundankumar Saraf, Dr. Saniya Ansari, Rajkumar Swami, Sagar Surkute, Mohit Tembhurnikar	International Journal of Advance Research and Innovative Ideas in Education, Volume 4, Issue 1, ISSN(O)23954396, pp 300304, 2018	2018	0	DYPSOE	0

Electric Power Generation Using Solar and Wind	Rajkumar Swami, Sagar Surkute, Mohit Temb hurnikar, Kundankuma r Saraf	Open Access Int ernational Journal of Science En gineering, Volume 2, Issue X, ISSN (Online) 24563293, pp xxxx, February 2018	2018	0	DYPSOE	0
Solar based Appl ication for Soldiers with Tempe rature Varation	Prof. Prajakta K hairnar, Ni tin Mule , Laxman Mule , Rahul Kumar	(IJRASET), ISSN: 23219653 IC Value: 45.98 Volume 6 Issue II, F ebruary 2018	2018	0	DYPSOE	0
ECG Based Health Care Monitoring System using IoT	Shakti Kaushal, Riyaj Kazi	IJEEDS, ISS N 2348117X , Volume 7, Issue 3, March 2018	2018	0	DYPSOE	0
Vehicle Theft Detection System based on GSM and GPS	Anmol D. Patil, Soheli Khal ifa, Hanuma n B. Hoge, Riyaj Kazi	IJEEDS, ISS N 2348117X , Volume 7, Issue 3, March 2018	2018	0	DYPSOE	0
Solar Energy Uti lization and Management System using IoT	Prashant N .Dandawate , Amol B. Patil, Yogesh S. Lakade, Rashmi Mahajan	Internatio nal Journal of Electronic s, Electrical and Comput ational System, Volume 7, Issue 3 March 2018	2018	0	DYPSOE	0
A Novel Approach to Implement Green Wave System for Life Saving	Vinod Pundhir, Rashmi Mahajan	Internatio nal Journal of Electronic s, Electrical and Comput ational	2018	0	DYPSOE	0

Vehicle Clearance, Traffic Management and Missing Vehicle Identification		System, Volume 7, Issue 3 March 2018				
A Review of Voice Based Personal Assistants	Sohan Madalli, R .Manikandan, Vishal Pandita, Nishikant Surwade, Bahubali Shirgapur	International Journal for Research in Applied Science Engineering Technology , Volume 6 Issue II, February 2018	2018	0	DYPSOE	0
Statistical And Computational Analysis of Eye Images For Understanding of Glaucoma	Pratik Badhe, Pravin Pawar, Nishikant Surwade, Bahubali Shirgapur	International Journal of Engineering Trends and Applications , Volume 5 Issue 2, MarApr 2018	2018	0	DYPSOE	0
Survey of Chua's Oscillator Using CCTA	Nishikant Surwade, Akanksha Sahani, Arun Pandey, Pooja Kadam, Chandan Kumar Choubey	International Journal for Research in Applied Science Engineering Technology , Volume 6 Issue II, February 2018	2018	0	DYPSOE	0
CHUA'S OSCILLATOR USING CCTA	Nishikant Surwade, Akanksha Sahani, Arun Pandey, Pooja Kadam, Chandan Kumar Choubey	International Journal of Innovative Research in Technology, Volume 5 Issue 1 June 2018 (ISSN:	2018	0	DYPSOE	0

		23496002)				
SURVEILLANCE SYSTEM WITH LOW DATA STORAGE	Mr. Kawale Shubham, Mr. Jadhav S hashikant, Mr. Gawande Amol, Nishikant Surwade, Bahubali Shirgapur	International Journal of Advance Research and Innovative Ideas in Education, Volume4 Issue2 2018, (ISSN : 23954396)	2018	0	DYPSOE	0
DIFFERENT CLASS OF SALAGEAN OPERATOR WITH SOME MISSING CO EFFICIENTS	Rahulkumar Dipakkumar Katkade S. M.Khairnar	IJCMS, Volume 7, Issue 3, March 2018, ISSN 2347 - 8527	2018	0	DYPSOE	0
Ti (IV) doping: An effective strategy to boost Lewis acidic performance of ZnO catalyst in fluorescein dye synthesis	Jadhav, Nirajkumar H., Dnyaneshwar R. Shinde, Sachin S. Sakate, Nishant K. Rasal, and Ramdas A. Pawar.	ACS OMEGA, Volume 120 Page no. 1722, 2018	2018	0	DYPSOE	0
A heterogeneously catalyzed Pechmann condensation employing the tailored Zn _{0.925} Ti _{0.075} NPs: synthesis of coumarin	Jadhav, Nirajkumar H., Sachin S. Sakate, Nishant K. Rasal, Dnyaneshwar R. Shinde, and Ramdas A. Pawar	Heterocyclic Letters, Volume 4 (5) Pages 85228527, 2019	2019	0	DYPSOE	0
Clean Synthesis and Antimicrobial Interpretation of Azo (Dipyran)	Prashant P. Chaudhari and Shankarsing S. Rajput	American Journal of Heterocyclic Chemistry 8(1): 133-144,	2018	0	DYPSOE	0

and Bis Chalcones Derivatives from NPhenyl Py rrolidine2 ,5Dione and NPhenyl Pi peridine2, 6Dione		2017				
Synthesis of Pyridine and Phenyl Succinimid es by Green Pathway and their Antimicrob ial Assay	Prashant P. Chaudhari, Ravindra S. Dhivare and Shanka rsing S. Rajput	World Journal of Pharmaceut ical Research 4(1): 26-29, 2018	2018	0	DYPSOE	0
Greener Approach of Synthesis of Azo Der ivatives and Bis Pyrazole D erivatives along with Antimicrob ial Screening	Prashant P. Chaudhari and Shanka rsing S. Rajput	Internatio nal Journal of Engineerin g Technology Science and Research, 7(7), 16401656, 2018	2018	0	DYPSOE	0
Analysis of Water for its Deuterium Content and its Effect on Potability	Prashant P. Chaudhari	Internatio nal Journal of Creative Research Thoughts, 5(3), 17061710, 2018	2018	0	DYPSOE	0
Synthesis and PGR Assessment of Some Novel Chalcones and Pyrzoles	Prashant P. Chaudhari and Shanka rsing S. Rajput	Internatio nal Journal of Multifacet ed and Mul tilingual Studies 6(2), 263275, 2018	2018	0	DYPSOE	0
Microscopi c Crystal	Ravindra S.	Journal of Advances	2018	0	DYPSOE	0

Structure Explorations of the Substituted N - Succinimides and Glutarimides	Dhivare, Prashant P. Chaudhari and Shanka rsing S. Rajput,	and Scholarly Researches in Allied Education, V(IV): 43-51, 2018				
Microwave Assisted Synthesis of Heterocycles Accompanied by Antimicrobial Screening	Prashant P. Chaudhari, Ravindra S. Dhivare and Shanka rsing S. Rajput	Asian Journal of Biology, XV(2): 324-329, 2018	2018	0	DYPSOE	0
Greener Synthesis and Plant Growth Regulator (PGR) Evaluation of Some Novel Biscalcones and Pyrazoles	Prashant P. Chaudhari and Shanka rsing S. Rajput	Prashant P. Chaudhari and Shanka rsing S. Rajput International Journal for Research in Applied Science Engineering Technology , 6(1), 117, 2018	2018	0	DYPSOE	0
PGR Evaluation of Novel Synthesized Five and Six Membered Cyclic Imides	Prashant P. Chaudhari and Shanka rsing S. Rajput	International Journal of Engineering Technology Science and Research, 6(6), 13471357, 2018	2018	0	DYPSOE	0
Review: Phytochemical and Pharmacological Profile of Gymnema Sylvestre, International Journal of Engineering	Shirish S. Pingale, Shobha V. Rupanar	5(3), 756 764, 2018	2018	0	DYPSOE	0

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Synthesis of pyridine and phenyl succinimides by green pathway and their antimicrobial assay	Prashant P. Chaudhari	American Journal of Heterocyclic Chemistry	2018	11	250	DYPSOE
Plantmediated biosynthesis of Silver nanoparticles from <i>Gymnema sylvestre</i> and their use in photodegradation of Methyl orange dye	Shobha Rupanar	Journal of Water and Environmental Nanotechnology	2018	2	22	DYPSOE
Analytical Study of Effect of Channel Doping on Threshold Voltage of Metal Gate Highk SiGe MOSFET	Rashmi Mahajan	Silicon	2018	3	56	DYPSOE
Design and Development of Beach Cleaning Machine	Farook Sayyad	IJRASET, Vol 7 IssueVI, pp 194348, June2019, IF7.177	2019	4	39	DYPSOE

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	18	8	20
Presented papers	49	9	0	0
Resource persons	0	0	0	2
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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 participated in such activities	Number of students participated in such activities
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
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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	Number of students Benefited
NSS Gram Swachta Abhiyan	Award Appreciation Letter	Gram Panchayat, Dehu Gaon, haveli	25
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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 participated in such activities	Number of students participated in such activities
NSS	Dr. D.Y. Patil School of Engineering,	Painting_ Swachhta _ Poster	1	50

	Charoli(Bk.), Pune	Presentation		
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	College premise as Plastic Free Zone on	1	50
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Debate compe tition Gandhiji 's Life and his work	1	30
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Gandhi Jayanti Celebration	1	50
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Career Guidance for children in rural area	1	1
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Importance of Education	1	50
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Importance of Cleanliness for Good Health	1	50
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Essay writing competition on Hand Wash	1	50
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Poster competition on Hand Wash	1	50
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Seminar on Hand Wash	1	50
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	World Mental Health Day	1	50
NSS	Dr. D.Y. Patil	Blood Donation	1	222

	School of Engineering, Charoli(Bk.), Pune	Camp		
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Seminar on National Unity Day	1	50
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Essay Competition on Swachhta	1	50
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Rally on Swachhta Hi Seva	1	100
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	People awareness program through street play	1	150
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Seminar / Discussion on importance of Cleanliness.	1	75
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	NSS Speial Camp	8	25
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Swachhta Pakhwada (Fortnight) Activities	1	50
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Tree Plantation to commemorate Vruksha Ugao, Jeevan Dilao movement	1	80
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	4th International Yoga Day	1	70
NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	150th Birth Anniversary of Mahatma Gandhi	1	35

NSS	Dr. D.Y. Patil School of Engineering, Charoli(Bk.), Pune	Awareness on Swachhta Hi Seva	1	40
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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
Training Program	BE Students	Phoenix Marketcity, Viman nagar, Pune.	3
Training Program	BE Students	Eklahare Thermal Power Station	1
Training Program	BE Students	Dodson Lindblom Hydro Power Pvt ltd	1
Ph.D. Sponsorsip	Tirupati Solanki	Malaysia Global Service	1095
B.E Projects	Amit Kunchamwar	National Highways Authority of India (NHAI)	25
VSAT Training Program	Tale Akshay Vasudev Konkane Ankush Bharat Kumbhalwar Shubham R. Dudhate Sachin Balasaheb Kumar Saurav Tanti Harsha Akash Ingle Kunal Devidas Palande Dileep D.	ISTC, Pune	3
Artificial Intelligence and Machine Learning	Ingle Kunal Devidas Palande Dileep D. Konkane Ankush Bharat Sonawane Pratik	DYPTC, Pune	2
Training Program	BE Students	Auto Cluster Development Research Institute, Pune	1
Training Program	BE Students	Nayan Electronics is instrumental in the realm of manufacturing	2
Training Program	BE Students	Pune Zilha Sahakari Dudh Utpadak Sangh Ltd.	1
Training Program	BE Students	RAJ POLYFABRICS PVT . LTD	1
Training Program	BE Students	Hydropower Generation Plant at Pawna Dam, Pune	1

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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	Duration To	Participant
Software Project Development	Data Analysis for Freelancing and Crowd Funding Sites using Data Science and R Programming	nnobytes Technology, Wakad, Pune	15/06/2018	30/06/2019	BE Students
Software Project Development	Disease prediction by machine learning from healthcare communities	Insource Technology	15/06/2018	30/06/2019	BE Students
Software Project Development	CONFIGERATION DRIVEN WEB DEVELOPMENT FRAMEWORK	Netcracker Technology	15/06/2018	30/06/2019	BE Students BE Students
Software Project Development	FACE RECOGNITION AND MOOD ANALYSIS	Innovative Technologies Pvt Ltd	15/06/2018	30/06/2019	BE Students
Software Project Development	smart hospital management using IoT	Source Code Technology	15/06/2018	30/06/2019	BE Students
Software Project Development	IOT Based SMARTWHEELCHAIR	Mythos Technology	15/06/2018	23/06/2019	BE Students
Software Project Development	Interview preparation by chatbot	Technocluz Pvt.Ltd	15/06/2018	30/06/2019	BE Students
Software Project Development	automatic evaluation of answersheet and marking system	Technocluez	15/06/2018	30/06/2019	BE Students
Internship	Skill Development Course	Friends Union for Energising	15/06/2018	30/06/2019	BE Students

		Lives for Engineers			
Internship	Power Electronics and Automation Product	MassTrans Technologies Pvt. Ltd.	03/02/2019	18/02/2019	BE Students
Internship	IoT based industrial Security Projects	Decimac Technologies	17/12/2018	16/01/2019	BE Students
Industrial Visit to HAL, Bangalore	T.E Industrial Visit	HAL	21/02/2019	25/02/2019	TE Students
Industrial Visit to Mapro, Mahabaleshwar	S.E Industrial Visit	Mapro	19/03/2019	19/03/2019	SE Students
Industry sponsored Projects	Resource optimization through combining two trim lines	TATA Motors Ltd.	28/08/2018	20/12/2018	BE Students
Industry sponsored Projects	Resource optimization through combining two trim lines	TATA Motors Ltd.	28/08/2018	20/12/2018	BE Students
Industry sponsored Projects	Resource optimization through combining two trim lines	TATA Motors Ltd.	28/08/2018	20/12/2018	BE Students
Industry sponsored Projects	Resource optimization through combining two trim lines	TATA Motors Ltd.	28/08/2018	20/12/2018	BE Students
Industry sponsored Projects	Design and development of impeller for centrifugal pump	Indo Pump	08/02/2018	17/03/2019	BE Students
Industry sponsored Projects	Design and development multi Operational machine for ball joint	Pushkar Engineers	14/09/2018	24/03/2019	BE Students
Industry sponsored Projects	Design and Development of valve	Laxmi Enterprises	24/09/2018	20/02/2019	BE Students

	lapping machine for two wheeler engine				
Industry sponsored Projects	Performance enhancement of solar cell	SPPU	15/06/2018	30/05/2019	BE Students
Industry sponsored Projects	Design and manufacturing of paper gasket machine	SP Engineer Works and NDT Services	15/06/2018	30/05/2019	BE Students
Industry sponsored Projects	Wood leg making machine	Nayan Electronics	15/06/2018	30/05/2019	BE Students
Industry sponsored Projects	minimize tube cut defect in radiators at assembly line	TATA Toyo Radiator Ltd.	13/08/2018	31/05/2019	BE Students
Industry sponsored Projects	Hydraulic bearing puller	Saynak Hydraulics	15/06/2018	30/05/2019	BE Students
Industry sponsored Projects	Tyre retrading material handling	S T Central Workshop	15/06/2018	30/05/2019	BE Students
Industry sponsored Projects	Ultimate automatic bike washing machine	UWS EnviroTech Pvt. Ltd.	01/07/2018	30/04/2019	BE Students
Industry sponsored Projects	Design and analysis of sliding door opening mechanism for aircraft weapon bay	RDE, DRDO	30/06/2018	30/06/2019	BE Students
Industry sponsored Projects	Design and manufacturing of turning/indexing for inline assembly of 3L Engine block	Venus Engineering Service	15/06/2018	30/05/2019	BE Students

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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/Activities	Number of
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			students/teachers participated under MoUs
Mishi Solution	14/08/2018	Guest Lecture	60
Yogeshwar Associates, Dadadji vasti Lohegaon, Pune	20/03/2019	To train student in handling survey work using the high ended equipment like total station and radar related to road, highways and building.	5
Stalwart BIM studio, Gangadham, Pune	20/03/2019	Training of softwares : Revit Structure (Concrete) ,Revit - Architect,Navisworks ,Civil 3D	35
ATS Infotech, Pune	16/07/2019	Training of IT Courses	62
Zentron Engineering Services Pvt. Ltd.	07/07/2019	Training of IT Courses	62
SoftTech data Security	12/04/2019	Training of IT Courses, Software project development	62
FUEL	08/02/2018	Guest lecture (Hybrid Automobile Technology)	52
FUEL	08/02/2018	Employability Skill building program	44
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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
0	0

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing

Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Others	Existing

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 patially)	Version	Year of automation
iCloudEMS	Fully	6.2	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	10435	3918923	788	112734	11223	4031657
Reference Books	2113	126780	30	10000	2143	136780
e-Books	320	100300	60	0	380	100300
Journals	89	370100	5	0	94	370100
e-Journals	1000	226542	34	0	1034	226542
Digital Database	0	0	0	0	0	0
CD & Video	300	0	22	0	322	0
Library Automation	0	0	0	0	0	0
Weeding (hard & soft)	10	1200	2	300	12	1500
Others (specify)	219	0	40	0	259	0

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4.2.3 – 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
Kundankumar Rameshwar Saraf	Why AES (Advanced Encryption Standard) is mostly used In practice.	Microsoft Power Point and OpenShot Video Editor	16/08/2018
Kundankumar Rameshwar Saraf	Text and Image Encryption Decryption Using Advanced Encryption Standard	Microsoft Power Point and OpenShot Video Editor	08/08/2018
Pratik D. Shah	Arduino	Youtube	03/09/2019

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	484	10	80	14	14	0	0	80	0
Added	0	0	70	0	0	0	0	70	0
Total	484	10	150	14	14	0	0	150	0

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

150 MBPS/ GBPS

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
vlab	https://portal.coepvlab.ac.in/vlab/
M Tutor	https://www.m-tutor.com/

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
24000000	20581788	23850000	12992332

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The institute has allocated the classrooms and laboratories as per the requirement of respective department. The institute regularly maintains the laboratory equipment there by checking the working status of instruments. The minor maintenance being carried out by the laboratory assistant with the help of in house expertise. Laboratory assistants are maintaining dead stock register and consumable materials. Annual physical dead stock verification of laboratory equipment and consumables is held. They also issue it to other laboratories and departments by making entry in the issue book. They are updating the display of laboratory with respect to laboratory timetable, list of experiments and their current status. The demand is made for required consumables by laboratory assistants approved by faculty. Class rooms, staff rooms and laboratories cleanliness is maintained by dedicated housekeeping staff. The institute has central library besides one at each department. There is a library committee which takes a stock of all the issues and frames policies. The institute's librarian and department library coordinators are regularly reviewing and evaluating resource materials, catalogs, in order to select and order. The central librarian prepares a list of books and display the updated list semester wise and send to the department. He also arranges book exhibition annually for the college which becomes a source for new books. There are three Kindles in library which are added with new books periodically. At the end of the semester librarian prepares a report about how many books got issued, returned or misplaced. The departments prepare requirement of new books and journals that are required according to the new syllabus and submit the

proposal accordingly through HOD. The copy of departmental project and seminar reports are sent to central library. The departments maintain the a master time table, Laboratory time table, weekly review of number of lectures and practical conducted by teachers, provisional and final list of defaulters, record of parent's visits, student's feedback reports etc. The defaulter list of students is displayed on notice board and also on college web site for promulgation. The monthly activity report is made by each department and put on college website .

The institute has a seminar hall and auditorium in common to all. The requisition for the same is required to be given centrally to principal's office. 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 which has dedicated pool of plumbers, electricians and carpenters. The institute has huge sports complex having all the indoor and outdoor games. The institute has sports coach to facilitates teachers and students with sports, recreation, health checkups etc. He also arranges competitions at college and university level thus providing healthy and spirited environment.

<http://dypic.in/dypsoe/new.html>

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	1222	48801832
Financial Support from Other Sources			
a) National	0	0	0
b) International	0	0	0
View File			

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 implemetation	Number of students enrolled	Agencies involved
Language labGerman Language	12/09/2018	161	Miss Asmita Nakhate(German Certified)ITE School Miss Asmita Nakhate(German Certified)ITE School
Expert Talk on Microsoft Certified Training Program (IOT using Python Programming)	25/09/2018	112	CoreCode IT solutions
Expert Talk on Microsoft Certified Training Program (IOT using Python Programming)	26/09/2018	112	CoreCode IT solutions

Expert Talk on Website Development Web Hosting	07/09/2018	220	Mr.Sagar Tarade Cyber Tech solutions.
Expert Talk on Power plant Engg for Final year Mechanical Engineering students	07/09/2018	50	Mr. Dilip Vasant VaragkarWalchandnagar Industries Ltd, Pune
Industrial visit of Second year mechanical Engineering students at Imperial College of Engineering,Wagholi ,Pune	11/09/2018	200	Prof. Siddhu PatilImperial College of Engineering,Wagholi ,Pune
Industrial visit of Second year mechanical Engineering students at Katraj Dairy plant ,Pune	17/09/2018	200	Mrs. RaginiKatraj Dairy plant ,Pune
Expert Talk on DELD	21/09/2018	110	Prof Ranjana Kedar Professor at K.J College of Engineering .
Expert Talk on Microsoft Certified Training Program (IOT using Python Programming)	24/09/2018	112	CoreCode IT solutions
Industrial visit of final year mechanical Engineering students	03/10/2018	160	Auto cluster development and Research Institute
Expert Talk on Awareness on GATE Exam.	31/10/2018	590	DYPSOE Prof. Amit Shinde
Expert Talk on Programing Languages	04/01/2019	45	DYPSOEAshwath Kumar alumni
Expert Talk on Process Industries	14/01/2019	590	Asian Academy by Mr. Pramod Deshmukh
Industrial visit of final year mechanical Engineering students at Mahagencos Nashik Thermal Power Plant	04/04/2019	160	Mahagencos Nashik Thermal Power Plant (N.T.P.S), Eklahare, Nashik
Soft skill	10/08/2018	65	DYPSOEProf.Yuvraj

development Motivational Lecture on Personality Development			Patil, Student Counselor, DYPSOE
Soft skill development1Days Skills Development Career Success Blueprint Workshop	31/08/2018	76	DYPSOEMr.Sunil.Rath od
Language labGerman Language	21/09/2018	120	ITESKUL Kalyani Nagar,Pune
Language labGerman Language	11/02/2019	175	Miss Priyanka Kalvit,German Certified ITE School
Expert Talk on 3 D printing	21/02/2019	350	Mr. Shaneel Karia3D Eometry Innovation, Pune
Expert Talk on Civil Services Exam	27/02/2019	590	IQRA Mr Awadh Ojha
International Yoga Day Organized by student development cell	21/06/2018	22	DYPSOE Prof. Sachin S. Jadhav
International Yoga Day Organized by student development cell	21/06/2018	79	DYPSOE Prof. Sachin S. Jadhav
Counseling Session on Power of mind ,Persionality development skill etc.	02/07/2018	60	DYPSOEProf.Yuvaraj Patil
Industrial visit ofThird year mechanical Engineering students at Pawana Dam ,Pune	18/07/2018	170	Pawana Dam ,Pune
Expert Talk on Theory of Computation	25/07/2018	110	Dr. Rajesh Phursule Professor of Imperial College of Engineering and Research,Pune
Expert Talk on Discrete Mathematics	30/07/2018	121	Prof. Preeti Jain Professor at Pune Institute of Computer Technology, Pune
Expert Talkfuzzy logic strategy for the active	02/08/2018	50	Ms. Harshada Chaudhari of MicoBosch Nashik

suspension system by using MATLAB			
Expert Talk Design and Analysis of Engine Mounting Bracket	21/08/2018	30	DYPSOE Prof. Sagar Birari
Expert Talk on IOT using python	30/08/2018	140	Mr. Parth Shukla Manager CoreCode IT solutions.
Industrial visit of Third year mechanical Engineering students at Rajpolyfabrics ,Pune	04/09/2018	150	Mr. Pandurang Sonawane Rajpolyfabrics ,Pune
Industrial visit of Third year mechanical Engineering students at Nayan Electronics ,Pune	04/09/2018	150	Mr. Arun Jangam Nayan Electronics ,Pune
Expert Talk on compressor and its application	05/09/2018	50	Mr. Kadri Ganesh Kumar ELGI Equipments Ltd, Coimbatore
Expert talk on FEA and CFD application in manufacturing	06/09/2018	50	Mr. Narendra Girase Sandvik Asia Pvt Ltd , Pune
Expert Talk on Employability Skill Development Training	27/02/2019	176	Mr Harjot Singh Guliani, FUEL
Expert Talk on Electric Vehicles in context of India	19/03/2019	160	Mr. Ashish Aher Mr. Prashant Kulkarni CAD/CAM GURU
Industrial visit of final year mechanical Engineering students at Phoenix Market city	03/04/2019	170	Phoenix Market city, Viman nagar, Pune
Industrial visit of final year mechanical Engineering students at Mahagencos Nashik Thermal Power Plant	04/04/2019	160	Mahagencos Nashik Thermal Power Plant (N.T.P.S), Eklahare, Nashik
Remedial coaching 10 days remedial coaching classes	01/04/2019	45	DYPSOE Dr S. M. Khairnar, Ms. Rohini Gadgil, Ms. Jayani Raman.

Soft SkillInterview Skills	21/08/2018	59	Barclays
Soft SkillCorporate Readiness	23/08/2018	45	Barclays
Soft skillMock Interviews Group Discussions	24/08/2018	36	Barclays
Skills Development Career Success Blueprint Workshop	31/08/2018	76	DYPSOEProf. S.Rathod
Soft SkillJapanese Language	17/12/2018	120	ITESKUL Kalyani Nagar, Pune
Soft Skill/Aptitude Guidance	01/02/2019	320	Sunil C Mirchandani Universal Soft Skills
Language labGerman Language	12/02/2019	175	Miss Priyanka Kalvit, German Certified ITE School
Language labGerman Language	14/02/2019	175	Miss Priyanka Kalvit, German Certified ITE School
Language labGerman Language	15/02/2019	175	Miss Priyanka Kalvit, German Certified ITE School
German Language	18/02/2019	175	Miss Priyanka Kalvit, German Certified ITE School
Language labGerman Language	03/09/2018	161	Miss Asmita Nakhate(German Certified)ITE School Miss Asmita Nakhate(German Certified)ITE School
Language labGerman Language	04/09/2018	161	Miss Asmita Nakhate(German Certified)ITE School Miss Asmita Nakhate(German Certified)ITE School
Language labGerman Language	05/09/2018	161	Miss Asmita Nakhate(German Certified)ITE School Miss Asmita Nakhate(German Certified)ITE School

Language labGerman Language	06/09/2018	161	Miss Asmita Nakhate(German Certified)ITE School Miss Asmita Nakhate(German Certified)ITE School
Language labGerman Language	07/09/2018	161	Miss Asmita Nakhate(German Certified)ITE School Miss Asmita Nakhate(German Certified)ITE School
Language labGerman Language	10/09/2018	161	Miss Asmita Nakhate(German Certified)ITE School Miss Asmita Nakhate(German Certified)ITE School
Expert Talk on Employability Skill Development Training	28/02/2019	176	Mr Harjot Singh Guliani, FUEL
Language labGerman Language	11/09/2018	161	Miss Asmita Nakhate(German Certified)ITE School Miss Asmita Nakhate(German Certified)ITE School

[View File](#)

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 for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Coaching for GATE Civil Services Examination Examinations	250	225	2	198

[View File](#)

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	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

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
L T Infotech	60	1	Wipro Technology	70	2
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	1	Savitribai Phule Pune university	Computer Engineering	Symbiosis Centre For Information Technology	MBA in Data Analytics and Data Science
2019	1	Savitribai Phule Pune university	E&TC Engineering	Dr.D.Y.Patil School of Engineering Lohegaon	ME (VLSI & Embedded systems)
2019	5	Savitribai Phule Pune university	Civil Engineering	Dr.D Y Patil school of Engineering and technology, Lohegaon	ME Civil Engineering
2019	3	Savitribai Phule Pune university	Mechanical Engineering	Dr.D Y Patil school of Engineering and technology, Lohegaon	ME Mechanical Engg
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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	Number of students selected/ qualifying
NET	0
SET	0
SLET	0
GATE	2
GMAT	0
CAT	0
GRE	0
TOFEL	0
Civil Services	0

[View File](#)

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

Activity	Level	Number of Participants
Organized Intercollegiate Football Event Sponsered by SPPU ,Pune	Intercollegiate	24
Organized Intercollegiate Lawn Tennis Event Sponsered by SPPU ,Pune	Intercollegiate	12
Cultural event Eternity 2K19 Dance	Institute level	30
Cultural event Eternity 2K19 Singing	Institute level	13

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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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Secured first place in Pune district SPPU table tennis intercollegiate competition	National	1	0	SOE1704184	Bhagat Apurva
2019	Secured first place in Pune district SPPU table tennis intercollegiate competition	National	1	0	SOE1805039	Pragati Tamboli
2019	Secured first place in Pune district SPPU table tennis intercollegiate competition	National	1	0	SOE1704598	Pradnya Bhukan
2019	Classical	National	0	1	SOE1704213	SHIVANGI

	Solo Dance Organized by ALL INDIA MOHAN'S RANG MAHOTSAV					AGNIHOTRI
2019	Classical Dance Organized by Sundari Samrat Yuva sangh	National	0	1	SOE1704213	SHIVANGI AGNIHOTRI
2019	Classical Dance Organized by PRAYAS ENTERTAINMENT SCHOLARSHIP (NRU TYAMANI)	National	0	1	SOE1704213	SHIVANGI AGNIHOTRI
2019	Western Vocal Solo dance organized by SPPU (Yuvak Mahotsav)	National	0	1	EN18128865	PRIYANKA SAGAR
2019	Classical Dance Solo organized by SPPU (Yuvak Mahotsav)	National	0	1	SOE1704213	SHIVANGI AGNIHOTRI
2019	Classical Dance Solo organized by SPPU (Yuvak Mahotsav)	National	0	1	SOE1502886	MUKUL PARDHI

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

DYPSOE has well established and functional student council. The objective of student council is to make the students participate in the development of the Institute and develop their career, personality and organizational skills through various activities in an integrated manner. The institution aim is to promote collective and constructive leadership within student community. The role of student council is 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, D Y P School of Engineering students have participated in many prestigious competitions like SAE BAJA, Go Kart, Paper presentation, Project competitions, Roborace and many others organized by leading corporate and organizations. The students also get to attend the seminars and workshops of eminent personalities which are held throughout the year. "AJINKYA Techfest , cultural fest "ETERNITY" are some of the most looked upon events that enrich

the experience of students community. These activities provide a platform for the students to showcase their talents and nurture them. Apart from these, we also have events and competitions conducted by the various student association (FESA, MESA, EESA, CESA, ACEA) which keep the students active throughout the year. Some student activities are funded and sponsored by University and Institute. Good number of events are also organized by the student run departmental clubs under the guidance of faculty incharge. Every student club is assigned to a faculty incharge and the faculty provides guidance and mentoring support to the student clubs. Student activities, like Sports Day, National Service Scheme, Blood donation camps, Annual cultural fest, etc. are also organized periodically. Students also participate in various cocurricular activities. The following cells facilitate student development under the mentorship of the respective coordinators and faculty incharges, Training Placement Cell, R D Cell, IndustryInstitutionInteraction cell, Technology Business Incubation Cell etc. Student Council also coordinates the student volunteer effort for the Institute events that are organized periodically. It also provides an opportunity to be a part of activities, motivated by our sense of social responsibility and aimed at giving back to society.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The institute has alumni alumni association since 201415, previously department wise AlumniMeet was informally conducted. Head of departments maintains regular contacts with the Alumni, to network and collaborate. The alumni association has been registered officially in the academic year 20172018 (The registration no: Maha/1392/2017/Pune, dated:05/10/2017 The main objectives of alumni association are • To promote and foster mutually beneficial interaction between Alumni and the Institute. • To encourage the formation of regional chapters to increase participation of Alumni • To arrange and support in placement activities for the students of Institute. • To encourage and guide the students of the Institute on selfemployment to become entrepreneurs. • To guide students of the Institute on various professional avenues available and support them through various activities such as expert advice, seminars, visit etc. • To Promote the IndustryInstitute interaction to bridge the gap between industry requirements and education offered and enhance students' employability. • To encourage and support students of the Institute in sports, cultural and extracurricular activities. Sighting the above objectives of Alumni Association our alumni contributes in many ways for the development and betterment of our Institute. Our students and Institute are benefited in various fields such as student placement, training, expert lectures, career guidance sessions, Industrial visits and mentoring. The alumni of Institute is guiding and nurturing our students to become engineering professionals. It is our plan to develop everlasting relations with our alumni which in turn will give rise to mutual benefits. The following table gives the constitution and members of Governing body of Alumni Association. 1. Chairman – Principal 2. Staff Advisor: Alumni Coordinator 3. President Final Year Student 4. General Secretary TE 5. Members (Three) – FE SE

5.4.2 – No. of enrolled Alumni:

345

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

"Eternity 2K 18 " The Grand Alumni Meet Date and Time : 18/11/2018, 5 PM Event
Venue : Auditorium of Dr. D.Y. Patil Technical Campus Organized by : Alumni
Association of Dr. D.Y. Patil School of Engineering, Pune Targeted Audience :
B.E. Passed out 201718 Resource Person : Mr Vijay Nikumbh,, Associate Director
of Cognizant Technology Solutions, Pune And Dr Sangam Jadhav, Director of
Health Care Dr D Y Patil Knowledge City, Pune

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 has culture of decentralized governance system with welldefined interrelationships. Institute delegates adequate and systematized authority to the departments to work towards decentralized governance system. There are various committees involving faculty which are constituted to manage different institutional activities. Committees are formed for the various curricular, cocurricular and extracurricular activities to be conducted during the academic year. The departments are encouraged to arrange various activities with the support of Management for the benefit of Students and Faculty, also the management has extended enough financial powers to Head of the Institute and Department Heads. College is keen on the teachers' involvement and participation for improvement of effectiveness and efficiency of the institutional teaching learning process. The Institute has always been in favour of participative management. The decision suggested by teachers in the meetings in the forum of HOD, ADC, ILCs and department meetings are conveyed to the management through principal. The management ensures that the opinions and suggestions made by faculty and staff are included in decisions implemented for college development. This process probes to the institutional practices for decentralization and participative management. The institute has constituted a separate purchase Committee comprising of Management representative, Principal college concerned staff. New raw material, consumables, equipment's, instruments, demonstration kits, and/or software for the laboratories are identified and accordingly the Lab. Concern lab In charge gives requirement and budget for the respective lab. These requirements from all departments are given to the "Purchase Committee" which then calls for quotations. Comparative statements are prepared to release requisition for purchase of raw material, equipment, instruments, demonstration kits and software for laboratories. In this purchase procedure it shows that decentralization and participative management of various members. The second example of decentralization and participative management is institute Academic monitoring committee who regularly monitors the classes and takes regular feedback of students, staff, addresses any grievances and conveys it to HOD for corrective measures. Each faculty maintains daily attendance sheet of both theory as well as practical, project, etc. A mentor is appointed for each batch with size of maximum 20 students, who collects this data from respective subject teachers to identify students with poor attendance. Parents of such students are informed by telephone and sms alerts are also sent on regular basis. Staff feedback from students is taken twice in a semester and analyzed by the mentor. If the feedback is poor the faculty is advised to take corrective measures by the HOD. Dept collects the data regarding syllabus coverage weekly, defaulter students at every fortnightly and this is reviewed in the Academic monitoring committee meeting every month. Followup of defaulter students is done by counselling and sending attendance reports to parents or meeting the parents if needed be. Apart from this teaching staff meetings are held every week by the HOD to review the teaching learning process, academic progress of the students, grievances if any and suitable remedial measures are taken as and when necessary

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

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):

Strategy Type	Details
Curriculum Development	Being affiliated to University and nonautonomous college, we are not authorized to frame Syllabus by ourselves as such. As and when the opportunity is available the faculty members of respective subjects are deputed as subject experts by the college on University committee. College also allows staff members to contest the elections for various positions in the University bodies including Board of Studies elections. Also college provide platform for Curriculum development of university by hosting workshops and seminars at college as per the university guidelines.
Teaching and Learning	The process is monitored by the higher authority time to time through frequent meetings with teachers and also by requesting the feedback from the students. Meetings to discuss academic results of subject from respective department are also routine part of practice. Suggestion box department wise are available for anonymous feedback to improve on the system practices. In the meeting after rigorous discussion the proper suggestions to improve on the teaching learning practices are communicated to the concerned person for implementation and the loop is closed during the next meeting in same academic year or semester.
Examination and Evaluation	Again being affiliated with SPPU we are not the deciding authority. The teachers are promoted to be active member of central assessment program (CAP) of university regularly. The senior faculty members of college are also given 'On Duty leave' for exam related work like paper setting, online as well as practical and oral exam in campus off the camps. The college hosts university exam for all subjects offered as per scheduled by SPPU with adequate on site facilities necessary to conduct the examination effectively.

	<p>Every single decision and policy observed by the college is student centric and is in their academic interests precisely</p>
<p>Research and Development</p>	<p>The Institute has Research and Development Cell for promoting, strengthening and stimulating research and consultancy related activities. Administrative help, academic assistance and financial support is given to faculty and students for implementation of research projects, design and development of vehicles for various competitions such as SAE BAJA, Supra, GoKart, Aero design etc. Every department has identified the thrust areas and available infrastructure is used optimally to obtain desired Research outputs. Institute has received grants for various research projects from government and nongovernment agencies. Also, the institute regularly conducts workshops and Seminars on Intellectual Property Rights (IPR) and industry academia practices. The institute motivates faculties and students to publish their research work in peer reviewed journals and conferences. Institute has also stated code of ethics to check malpractices and plagiarism in research. There is significant boost in the research publications in reputed national and international journals and conferences. Faculty members and students are motivated for research activities and encouraged to file patents. Institute has well defined R D incentive scheme and also framed consultancy policy to encourage faculty members for research consultancy. Institute supports students to participate various technical and research activity/competitions to inculcate research component amongst them.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>Institution has an adequate number of books, computer labs, internet connectivity, scientific instruments, and classrooms and play ground. ELibrary is made available for students. The purchase in library every year is also done in accordance with SPPU syllabus. Students and teacher are facilitated with user ID and password to access ejournals. All labs classrooms are well equipped for</p>

interactive teaching learning. Up gradation as well as updating of all labs and classrooms is done in accordance to revised syllabus and Industry requirement. Every year the purchase is intended. For technical specifications the teachers are authorized and purchase is monitored by the management. All kind of maintenance work in college is monitored undertaken by workshop.

Human Resource Management

The institute has recruited adequate number of faculty members, technical staff the class four staff members as per the guidelines mandated by the apex bodies.

Industry Interaction / Collaboration

The dedicated team of faculty members is formed along with TP cell of college to fetch collaborative interactions with the industries working in the field of courses offered. The students are regularly sent for internship in addition to industrial training mandated under SPPU syllabus. The faculty members are also promoted to interact with industry staff members are properly credited through the performance based appraisal policy of college for interaction with industries. 'Memoranda of Understanding' (MoU) are made by various departments with industries for professional development of the students and staff members through the collaborative work. The industry people are requested to become part of examination system to evaluate the academic performance of the students. The industry experts with proven track in the subject approved by the University are normally deputed as resource persons for students. That benefits teachers as well

Admission of Students

The admission in the college is offered by the central admission process (CAP rounds) and system as decided by the apex bodies including DTE, AICTE, and Savitribai Phule Pune University. The college also offers Facilitation Center for the professional course admissions under DTE, Maharashtra. Institute level 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 socioeconomic backgrounds. 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:

E-governance area	Details
Planning and Development	Yes
Administration	Yes
Finance and Accounts	Yes
Student Admission and Support	Yes
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

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
2018	Prof.Nitin Nagesh More	One week GIAN course on "Nanomechanics of Biological Systems"	PSG College Coimbatore	3540
2018	Dr. S. M. Koli	Advances in Machine learning and VisualAnalytics for forensic and security Applications", MIT World Peace University, Pune	MIT World Peace University	5000
2018	Dr. Saniya Ansari	Advances in Machine learning and VisualAnalytics for forensic and security Applications", MIT World Peace University, Pune	MIT World Peace University	3000
2018	Dr. Rashmi Mahajan	FPD on VLSI Design at Deep Submicron Node	IIT, Guwahati	2950
2018	Dr. Rashmi Mahajan	VLSI Design Technology	SPPU	600
2018	Prof. Prajakta Khairnar	Electronics Product Design	SPPU	600

2018	Prof. Kushal Mandge	Computer Network Security	SPPU	600
2018	Prof. Neha Mandge	Radition Microwave Techniques	SPPU	600
2018	Prof. Nishikant Surwade	Digital Image Video Processing	SPPU	600
2018	Prof. Swati Khawate	Audio Video	SPPU	900
2018	Pankaj Agarkar	SciLabFDP	DYPSOE	0
2018	Pankaj Agarka	FDP on Cyber Security	JSPM Narhe, Pune	0
2018	Sunil Rathod	SciLabFDP	DYPSOE	0
2018	Sunil Rathod	NPTEL certification: Introduction to C Programming	IITB	1100
2018	Sunil Rathod	NPTEL certification: Machine Learning	IITB	1100
2018	Pallavi Shimpi	SciLab FDP	DYPSOE	0
2018	Yogesh Thorat	SciLabFDP	DYPSOE	0
2018	Jayashree Chaudhari	Workshop on Machine Learning using Python	PCCOER, Ravet	600
2018	Jayashree Chaudhari	NPTEL certification: Programming in C	NPTEL, IIT KHARAGPUR	1100
2018	Jayashree Chaudhari	Artificial Intelligence and Deep learning	DYPSOET, Lohegoan	0
2018	Jayashree Chaudhari	SciLabFDP	DYPSOE	0
2018	Amruta Chitari	NPTEL certification: Programming in C	NPTEL, IIT KHARAGPUR	1100
2018	Amruta Chitari	SciLabFDP	DYPSOE	0
2018	Vaibhav Kate	SciLabFDP	DYPSOE	0
2018	Vandana Chavan	Introduction to R programming	ICT academy, bharati vidyapeeth, pune	0
2018	Vandana Chavan	Introduction to	MMIT lohegaon	0

		Python programmin FDP		
2018	Yogesh Mali	Laboratory PracticelFDP	MIT	1500
2018	Yogesh Mali	SciLabFDP	DYPSOE	0
2018	Yogesh Mali	Artificial I Robotics	PCCOER, Ravet	1500
2018	Yogesh Mali	AI Machine Learning	DYPSOE	0
2018	Chaitanya Bhosale	SciLabFDP	DYPSOE	0
2018	Chaitanya Bhosale	Work life balance FDP	DYPSOE	0
2018	Chaitanya Bhosale	Blockchain Technology Applications	Telecom Regulatory Authority of India	0
2018	Ashwini Pandagale	Machine Learning using Python FDP	SPPU FDP Organized by SOET,Lohegaon	1000
2018	Ashwini Navale	SCI lab	DYPSOE	0
2018	Ashwini Navale	NPTEL FDP on Software Engineering	IITB	1100
2018	Ashwini Navale	FDP on Cyber Security	JSPM Narhe, Pune	0
2018	Ajit Pagar	SciLabFDP	DYPSOE	0
2018	Ajit Pagar	Work life balance FDP	DYPSOE	0
2018	Ajit Pagar	NPTEL certification: Software Engineering	IITB	1100
2018	Ajita Mahapadi	NPTEL Cloud Computing	NPTEL	1100
2018	Ajita Mahapadi	NPTEL Software Engineering	NPTEL	1100
2018	Ajita Mahapadi	Blockchain Technology Applications	Telecom Regulatory Authority of India	0
2018	Sachin Patil	Key aspects of curricula design and content delivery	DYPCOE, Akurdi	300
2018	Ajhar Shaikh	Cyber Security Workshop	COEP	1500
2018	Pramod Jadhav	FDP on Android	Cummins COE,	2000

		for Ubiquitous computing	Pune	
2018	Pramod Jadhav	SciLabFDP	DYPSOE	0
2018	Pramod Jadhav	FDP on LPIV	D Y Patil Akurdi	600
2018	Pramod Jadhav	International conference on ICCCE	GH Raisoni	3000
2018	Prashant Sagre	IPR Workshop	AISSMS	0
2018	Prashant Sagre	SciLabFDP	DYPSOE	0
2018	Prashant Sagre	Machine Learning Workshop	Cummins College	750
2018	Prashant Sagre	LPII FDP	D Y Patil Akurdi	1000
2018	Prashant Sagre	Work life balance FDP	DYPSOE	0
2018	Gaurav Tiwari	Workshop on CUDA	VIT	1600
2018	Kiran Somase	Workshop on Machine Learning using Python	PCCOE, Ravet	600
View File				

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	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	SciLabFDP		12/07/2018	13/07/2018	12	0
2018	Patent Filing Procedure		18/01/2019	18/01/2019	56	0
View File						

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	From Date	To date	Duration
SciLab FDP	12	13/07/2018	13/07/2018	1
Work life balance FDP	3	15/07/2018	15/07/2018	1
Work life	3	09/01/2019	09/01/2019	1

balance FDP				
Artificial I Robotics	1	14/07/2018	17/07/2018	4
Plumbing system design	1	30/07/2018	06/08/2018	7
Introduction to R programming	1	29/08/2018	30/08/2018	2
Workshop on Machine Learning using Python	2	13/12/2018	14/12/2018	2
Artificial Intelligence and Deep learning	1	06/10/2018	08/10/2018	3
NPTEL Certification FDP	9	01/07/2018	31/10/2018	120
FDP on Android for Ubiquitous computing	1	10/12/2018	14/12/2018	5
Advances in Machine learning and Visual Analytics for forensic and security Applications", MIT World Peace University, Pune	2	10/12/2018	14/12/2018	5
Machine Learning using Python FDP	1	27/12/2018	28/12/2018	2
Advances in Engine Design	1	01/12/2018	01/12/2018	1
NBA accreditation	1	01/12/2018	01/12/2018	1
FDP on LPIV	1	09/01/2019	09/01/2019	1
Key aspects of curricula design and content delivery	1	18/01/2019	18/01/2019	1
Laboratory PracticelFDP	1	22/01/2019	24/01/2019	3
Nanomechanics of Biological systems	1	01/01/2019	01/01/2019	1
Introduction to	1	01/02/2019	02/02/2019	2

Python programming				
Workshop on CUDA	1	16/02/2019	17/02/2019	2
FPD on VLSI Design at Deep Submicron Node	1	18/02/2019	22/02/2019	5
AI Machine Learning	1	25/02/2019	26/02/2019	2
Cyber Security Workshop	1	11/03/2019	15/03/2019	5
Blockchain Technology Applications	3	15/03/2019	15/03/2019	1
Surface Engineering of nano materials	1	01/01/2019	31/03/2019	90
Kinematics of mechanisms and machines	1	01/01/2019	31/03/2019	90
Kinematics of mechanisms and machines	1	01/01/2019	31/03/2019	90
Concepts of thermodynamics	1	01/01/2019	30/04/2019	120
Manufacturing process technology	1	01/01/2019	30/04/2019	120
Basics of finite element analysisI	1	01/02/2019	30/04/2019	90
Academic Leadership Design and Technology University, Pune, MIT ADT, Pune	3	10/04/2019	13/04/2019	4
FDP on Cyber Security	2	14/04/2019	24/04/2019	11
NBA Accreditation (ICT01)	1	22/04/2019	26/04/2019	5
Dynamic balancing and vibration analysis using FFT analyser	1	01/04/2019	01/04/2019	1
FDP on Cyber Security	2	06/05/2019	12/05/2019	7
Student	3	13/05/2019	15/05/2019	4

Induction Program for AICTE Approved Institutes				
Advances in Engine Design	1	01/05/2019	01/05/2019	1
Inplant training at Automotive component india pvt ltd	1	02/06/2019	02/06/2019	1
Assessment and Evaluation under Outcome Based Education (ICT04)	1	10/06/2019	14/06/2019	5
Student Induction Program for AICTE Approved Institutes	3	10/06/2019	16/06/2019	7
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
35	63	0	102

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Employee's Provident Fund Medical and maternity leave is provided to staff. Loan benefits from Ajeenkya Employees Credit Coop society Ltd. Medical treatment at Dr D Y Patil Dental College Lohegaon on subsidized rates. Sports facility for staff. Free Yoga classes and meditation sessions.	Employee's Provident Fund Medical and maternity leave is provided to staff. Loan benefits from Ajeenkya Employees Credit Coop society Ltd. Medical treatment at Dr D Y Patil Dental College Lohegaon on subsidized rates. Two set of uniform is given to nonteaching staff every year free of cost. Sports facility for staff. Free Yoga classes and meditation sessions.	Medical treatment at Dr D Y Patil Dental College Lohegaon on subsidized rates. Free Yoga classes and meditation sessions.

6.4 – Financial Management and Resource Mobilization

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

The management has maintained a very transparent financial system in the institutions. There are well defined processes for sanction of budget to expenditure. An internal approval system for all expenses is in place. Accordingly bill/voucher is recommended by the Head of the Department and approved by the management. All the bills/vouchers are audited by an Internal

Auditor on a routine basis. Proper record of all the expenses is maintained by the accounts department. An external auditor appointed by the trust, executes the statutory audit. Statutory financial audit is conducted in two sessions, one in the month of October/November for the period of April to September and second in the month of April /May for the period of October to March. Finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by the Principal, and chartered accountant. Then audited report is submitted by chartered accountant. No violations in approval and utilization of budget.

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/ Grnats received in Rs.	Purpose
Nil	0	Nil
No file uploaded.		

6.4.3 – Total corpus fund generated

6011863

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	Yes	Committee of Senior Faculties from other Institutes	Yes	IQAC Internal Assessment Committee
Administrative	Yes	Institute Appointed Chartered Accountant (Sadanand Shetty Company)	Yes	Admin office

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

<ul style="list-style-type: none"> • Parent teacher meet • Feedback / Suggestions from parents if any • Providing contacts for Industrial Visits / Expert lecture / etc. • Providing leads / contacts for placement of students

6.5.3 – Development programmes for support staff (at least three)

Institute conducts training programme for Lab Assistant Training in respective departments every year. Also computer training is provided to peons and class IV employee's to make them aware about computer literacy. Also some soft skill sessions are arranged to improve their communication skill.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

<p>1. Standardization of feedback forms 2. Introduced Student satisfaction survey (SSS). Analysis of SSS was shared with the respective department for preparation of action plan in order to improve overall quality of the department and institute. 3. The institute has started Connect (individualindustryinstitute Connect) program second semester of 201819. This year it is made mandatory for third year students to do internship after the</p>
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end sem. examination under Connect program. 4. Started Technolgy Business Incubation Centre.

6.5.5 – Internal Quality Assurance System Details

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 IQAC	Duration From	Duration To	Number of participants
2018	Induction Program for FE was organized by FE department	30/07/2018	30/07/2018	30/07/2018	310
2018	Parents Teacher Meet (PTMI) was organised by FE department	21/09/2018	21/09/2018	21/09/2018	180
2019	Intercollegiate Debate Competition organised by FE department.	28/01/2019	28/01/2019	28/01/2019	42
2019	Social visit at Mamata Bal Sadan, Saswad	01/02/2019	01/02/2019	01/02/2019	35
2019	Parents Teacher Meet (PTMII) was organised by FE department	15/02/2019	15/02/2019	15/02/2019	162
2019	Short Film Making Competition	21/02/2019	21/02/2019	21/02/2019	36

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	Period To	Number of Participants	
			Female	Male

Lecture on Gender Equality by Computer Dept	23/09/2018	23/09/2018	47	4
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7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
Tree Plantation 1. Tree Plantation Drive At Dattagad, Dighi by Mech. Dept. Dated 7/5/2018 and Number of Students Involved 125 2. Tree Plantation Dated 12/10/2018 and Number of Students Involved 141 3. Tree Plantation Dated 1/8/2019 and Number of Students Involved 137 Other Activities 1. College premise as Plastic Free Zone, Dated 9/27/2018, No. of students involved 257 2. Indrayani river Cleaning, Dated 1/7/2019, No. of students involved 147 3. Dehugaon Cleaning, Dated 1/9/2019, No. of students involved 125

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	8
Provision for lift	Yes	300
Ramp/Rails	Yes	8
Rest Rooms	Yes	2
Scribes for examination	Yes	4

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	2	2	01/08/2018	1	1.Awareness program through street play 2. Seminar on importance of Cleanlines	Educating youth for road safety Swachha bharat	250

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of conduct (handbooks) for various stakeholders	20/07/2018	Students Dress Code: both boys and girls have dress code of Trouser and Shirt in summer season and Trouser, Shirt and Blazer in winter season. Students are not permitted to wear

revealing clothes in the campus. Students Attendance: Every student must have to attended minimum 75 of the total number of lectures conducted in the class by the faculty and 100 of the total number of practical's conducted in the laboratory. Students are required to wear the Identity cards is mandatory.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Session on Time Management Techniques by Mr Yuvraj Patil, Student Counselor, DYPSOE.	10/08/2018	10/08/2018	56
A guest lecture on 'Time management Technique' was organized by Computer department	07/12/2018	07/12/2018	50
International Yoga Day	21/06/2018	21/06/2018	101
Gandhi Jayanti Celebration Debate competition Gandhiji's Life and his work	30/09/2018	30/09/2018	20
Gandhi Jayanti Celebration Lecture on 'Ahimsa (Non Violence)	01/10/2018	01/10/2018	50
Employability Skill Development Training	22/02/2019	28/02/2019	176
Celebration of NSS Essay Competition on Swachhta, Rally on Swachhta Hi Seva, People awareness program through street play, Seminar on importance of Cleanliness	20/09/2018	20/09/2018	375
National Unity Day A seminar on the	12/10/2018	12/10/2018	75

topic of National Unity			
Health Related Importance of Girls Health	22/02/2019	22/02/2019	112
Health Related Awareness Swachhta Hi Seva by Students	25/09/2018	25/09/2018	50
Health Related Painting Swachhta Poster Presentation	26/09/2018	26/09/2018	15
Health Related Swachhta Pakhwada (Fortnight) Activities	01/08/2018	15/08/2018	50
Teachers Day celebration by ETC Dept	05/09/2018	05/09/2018	110
Teachers Day celebration by Civil Dept	05/09/2018	05/09/2018	120
Teacher's day celebration by Mechanical Dept	05/09/2018	05/09/2018	250
Engineer's day by Mechanical Dept	15/09/2018	15/09/2018	200
Engineers Day celebration by Civil Dept	15/09/2018	15/09/2018	100
Essay Competition on Swachhta	20/09/2018	20/09/2018	50
Rally on Swachhta Hi Seva	20/09/2018	20/09/2018	100
People awareness program through street play	20/09/2018	20/09/2018	150
Seminar on importance of Cleanliness	20/09/2018	20/09/2018	75
Personal Counselling to solve students problems by Yuvraj Patil	12/07/2018	29/04/2019	251
Counselling and mentoring sessions such as Power of mind, how to develop thinking process, Self Confidence, Stress	02/07/2018	27/02/2019	1278

management by Yuvraj Patil			
Bridges Course Seminar on IOT using python by Mr.Parth Shukla Manager at CoreCode IT solutions.	30/08/2018	30/08/2018	140
Bridges Course Seminar on Website Development Web Hosting by Mr.Sagar Tarade Cyber Tech solutions.	07/09/2018	07/09/2018	220
Bridges Course Workshop on Microsoft Certified Training Program (IOT using Python Programming) by CoreCode IT solutions	24/09/2018	26/09/2018	112

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

1. Tree Plantation 2. Use of public transport facility 3. Use of recycled water for gardening 4. Use of LED light 5. Use of ERP 6. Plastic Free Campus 7. Green Campus

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

The institute is committed to adopting environmentfriendly policies with regard to the plantation, waste management, use of renewable energy resources, Green audit and water harvesting. College also adopted ecofriendly practices as ewaste management, paperless and plastic free campus. Ewaste generated is collected and sent either to an ewaste dealer. Institute has started many innovative programmes which have helped to create positive impact and improvement in academic culture. These mainly include Value Addition Programs, Earn and Learn scheme, and Remedial classes. The use of ERP software (paperless) for the academicadministrative purpose has shown our commitment to a green environment. The formation of Industry Institute Interaction Cell (IIIC) has added impact on the industryinstitute interactions and placement. The foremost best practices are the implementation of Project Based Learning (PBL) in order to enhance the employability of students. The PBL is implemented through Lab experimentations, design experiments, major, minor mini projects, research projects, industrial sponsored projects, internships and various cells initiatives (EDC, III, R D, TBI). The Student training is spread over five semesters spanning the areas from soft skills, technical skills and interview skills for enhancing employability skills. SAE events like Aero designing, Baja, Supra, GoKart etc. are the prime learning based activities by virtue of which our students are representing the institute at national international level. More profoundly said entrepreneurship, innovation and knowledge are interrelated, due to which institute cultivate students toward entrepreneurship. The institute conducts Internal External academic audit of all departments and also energy audit and ewaste management of the campus every year. The environment in the institute provides an ecofriendly atmosphere conducive for the development of the students. Remedial classes are conducted

for first second year students to improve the performance of weaker students in all subjects. These classes are conducted in three stages. During remedial classes subject content are again taught with more numerical with simplification and student's difficulties are solved. These classes facilitate one to one interaction between teacher and students. It has resulted in increased transition rate. Various teaching learning tools are used for content delivery of syllabus. Blended MTutor and MOOCs along with Coursera, NPTEL, Virtual Labs, were conducted for quality delivery of the few contents of different courses.

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

<http://dypic.in/dypsoe/new.html>

7.3 – Institutional Distinctiveness

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

Distinctiveness: The College recognizes the need for and desirability of encouraging the broad utilization of the results of research by scholars and acknowledges the importance of the publications in bringing innovative research findings to practical application. The institute has the vision - Empowerment through quality education and to achieve this, the institute is continuously putting efforts for satisfying all the stake holders. R D Cell: The Institute has Research and Development Cell for promoting, strengthening and stimulating research and consultancy related activities. Administrative help, academic assistance and financial support is given to faculty and students for implementation of research projects, design and development of vehicles for various competitions such as SAE BAJA, Supra, GoKart, Aero design etc. Every department has identified the thrust areas and available infrastructure is used optimally to obtain desired Research outputs. Institute has received grants for various research projects from government and nongovernment agencies. Also, the institute regularly conducts workshops and Seminars on Intellectual Property Rights (IPR) and industry academia practices. The institute motivates faculties and students to publish their research work in peer reviewed journals and conferences. Institute has also stated code of ethics to check malpractices and plagiarism in research. There is significant boost in the research publications in reputed national and international journals and conferences. Faculty members and students are motivated for research activities and encouraged to file patents. Institute has well defined R D incentive scheme and also framed consultancy policy to encourage faculty members for research consultancy. Institute supports students to participate various technical and research activity/competitions to inculcate research component amongst them. Entrepreneurship Development Cell (EDC Cell) has been established to support and conduct the activities for the students those are interested to become entrepreneur and have innovative ideas with business/startup potential. In this regard ED Cell has signed MoUs with various organization and also conducted good number of activities for strengthening entrepreneurship. Bloom's Taxonomy: Unit tests are conducted on every unit and Home Assignments are given for every subject at the end of every unit to inculcate selfstudy practice among the students. Unit tests and Assignment questions are framed based on learning levels of Bloom's taxonomy such as remembering, understanding, applying, analyzing, evaluating and creating which help students to understand the questions clearly and teachers to evaluate students' learning level effectively. IPR Cell: Intellectual property plays an important role in providing a competitive edge to any Institution. The DYP SOE recognizes the importance of generation of intellectual property by its teachers and students. The college is committed to do all that is within its powers and obligations to

encourage the creativity and innovation of its people, which can lead to generation of intellectual property (IP). This cell provides support and guidance to the engineering students and staff in protecting their inventions and creations. The cell has conducted many workshops and seminars for promoting IPR activities.

Provide the weblink of the institution

<http://dypic.in/dypsoe>

8.Future Plans of Actions for Next Academic Year

The plan of action for the academic year 20192020 include the following: . ?To enhance the number of smart class rooms in the academic departments. ?To introduce fully ebased system for different administrative processes like, admission, academics administration, etc. ?To strengthen the liaison among the stakeholders like, students, teachers, parents, employers, alumni etc. ?To enhance collaborative research among the departments and to take initiative for interinstitutional collaboration ?To conduct more number of seminars, conferences and workshops of National and International importance at our campus. ?To fulfill our social obligations. ?To arrange staff development programme for nonteaching staff. ?To protect the environment. We plan to conduct an Environmental Audit. ?To strengthen industry linkages. ?To strengthen National and International linkages. ?To strengthen alumni engagement. ?To establish incubation centre. ?To improve the ratio of PhD faculty members keeping in view the requirement of both Indian and International accreditations. ?To submit major research proposals to various funding agencies for fetching research grants. ?To submit the proposal to affiliating university for permanent affiliation. ?To submit the proposal to UGC New Delhi for 2 (f) recognition. ?A college intending to become autonomous under UGC.