

**INTERNAL
ACADEMIC AND
ADMINISTRATIVE
AUDIT REPORT**

ACADEMIC & ADMINISTRATIVE AUDIT REPORT

ACADEMIC YEAR: 2017-2018

(Provide information for last five years from 2013-14 to 2017-18)

A. ACADEMIC AUDIT

1. Name of the Department: Chemical Engineering
2. Year of establishment: 2012
3. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify: Semester
4. Participation of the department in the curriculum development for courses offered by the University.

Academic Year	Class	Course	Name of Faculty
2015-16	SE	2015	Dr. Minaz Alvi Mr. D. P. Deshpande Mrs. Shilpa Thorve Mrs. Prema Binnal Mrs. Kirti Zare Mrs. Sonali Singh Mrs. Shweta Kumbhar
2014-15	BE	2012	Mr. D. P. Deshpande Mr. V. S. Hakke Mrs. Shilpa Thorve

5. Information about research grants, projects completed and ongoing from National funding agencies (like BCUD, UGC, DST) (*Last 5 Years*):

Sr. No.	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
1	Dr. Minaz Alvi	Low Cost Natural Draft Cooling Tower	BCUD 2016-18	1.4Lakh	Ongoing

6. Publications (*Last 5 Years*):

Sr. No.	Academic Year	Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers
1	2017-18	18	04
2	2016-17	13	04
3	2015-16	09	04
4	2014-15	02	02
5	2013-14	05	00

7. Details of patents filed & granted and revenue income generated:

Sr. No.	Academic Year	Patent Filled	Granted	Revenue Generated
1	2017-18	03	-	-
2	2016-17	-	-	-

8. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Year	Name of the teacher	Nature of Events
2016-17	Dr. Utkarsh Maheshwari	Resource Person for Faculty Development programme on Utilization of Computers in Chemical Engineering
2017-18	Dr. Shailesh Ghodke	Resource Person for Short Term Training programme on Advances in Wastewater Treatment
	Dr. UtkarshMaheshwari	<ul style="list-style-type: none"> • Resources person for Faculty Development programme on Role of Mathematical Modelling and statistical Analysis Engineering • Resource Person for Short Term Training programme on Advances in Wastewater Treatment • Resource Person for Faculty Development programme on Application of Separation Techniques in Chemical Engineering
	Mr. D. P. Deshpande	Resource Person for Faculty Development programme on Utilization of Computers in Chemical Engineering

9. Details of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.(participant, presented paper, chaired the session) (Last 5 Years):

Name of Faculty	Year	FDP/STTP/Workshop Title	Organized By	Sponsored / Approved / Financed by	Dates	Durations in days
Mrs. Shubhangi Patil	2015-16	CHEMICAL REACTOR DESIGN: Attainable Region Approach	MIT Academy of Engineering, Alandi (D),Pune	SPPU approved	03.12.2015 to 04.12.2015	2 days
Dr. Shailesh Ghodke		National Teachers Congress	MIT, School of Government, Pune	Jointly organized by UNESCO, MIT and AICTE	23.09.16 to 25.09.16	3 days
Mr.D P. Deshpande		CHEMICAL REACTOR DESIGN: Attainable Region Approach	MIT Academy of Engineering, Alandi (D), Pune	SPPU,PUNE	03.12.2015 to 04.12.2015	2 days
Mrs .K. B. Zare		Computational Fluid Dynamics (CFD)	DYPIEMR	Sponsored by DYPIEMR	30.05.2016 to 30.05.2016	1 day
		Rubrics for Teaching & Learning	DYPCOE	Sponsored	21.10.2016 to 22.10.2016	2 days
Dr. Utkarsh Maheshwari	2016-17	First Course on Computational Fluid Dynamics	IIT Bombay	AICTE sponsored	29.05.2017 to 02.6.2017	5 days
		Utilization of Computers in Chemical Engineering	DYPIEMR	Approved by AICTE and ISTE	06.06.2017 to 10.06.2017	5 days
Mrs.K. BZare		Faculty Development Programme at PCCOE	PCCOE	SPPU,PUNE	05.06.2017 to 11.06.2017	1 week
		Faculty Development Programme at NICMAR	NICMAR	Sponsored by NICMAR	18.10.2016 to 20.10.2016	3 days
		Advances in Chemical Reactor Design	AISSMS	SPPU,PUNE	27.02.2017 to 27.02.2017	1 day
Mr. Pankaj Vardhe	Advanced Techniques to Write & Present Research Paper & Patent	DYPIEMR	Sponsored by DYPIEMR	08.07.2016 to 08.07.2016	1 day	
	Utilisation of Computer Techniques for Chemical Engineering	DYPIEMR, Pune	Approved by AICTE and ISTE	06.06.2017 to 10.6.2017	5 days	
Dr. Utkarsh Maheshwari	2017-18	Application of Separation Techniques in Chemical Engineering	DYPIEMR	Approved by AICTE and ISTE	11.12.2017 to 15.12.2017	5 days
		Foundation Program in ICT for Education	IIT Bombay	AICTE approved	8.3.2018 to 12.4.2018	2 weeks
		Advances in	DYPIEMR	Approved by	28.5.2018 to	6 days

		Wastewater Treatment		AICTE and ISTE	02.06.2018	
		workshop on Entrepreneurial Leadership	Dr. D. Y. Patil Institute of MCA & MBA, Akurdi	SPPU approved	09.02.2018 to 10.2.2018	2 days
Mrs. Shubhangi Patil		Application of Separation Techniques in Chemical Engineering	DYPIEMR	Approved by AICTE and ISTE	11.12.2017 to 15.12.2017	5 days
		Foundation Program in ICT for Education	IIT Bombay	Approved by AICTE and ISTE	8.3.2018 to 12.4.2018	2 weeks
Dr. Shailesh Ghodke		Advances in Wastewater Treatment	DYPIEMR	Approved by AICTE and ISTE	28.05.2018 to 02.6.2018	1 week
		workshop on Entrepreneurial Leadership	Dr. D. Y. Patil Institute of MCA & MBA, Akurdi	SPPU approved	09.02.2018 to 10.02.2018	2 days
		Foundation Program in ICT for Education	IIT Bombay	AICTE approved	8.3.2018 to 12.4.2018	2 weeks
Mr.D P. Deshpande		Application of Separation Techniques in Chemical Engineering	DYPIEMR	Approved by AICTE and ISTE	11.12.2017 to 15.12.2017	5 days
		Foundation Program in ICT for Education	IIT Bombay	AICTE approved	8.3.2018 to 12.4.2018	2 weeks
		Advances in Wastewater Treatment	DYPIEMR	Approved by AICTE and ISTE	28.5.2018 to 2.6.2018	6 days
		Application of Separation Techniques in Chemical Engineering	DYPIEMR	Approved by AICTE and ISTE	11.12.2017 to 15.12.2017	5 days
		workshop on Entrepreneurial Leadership	Dr. D. Y. Patil Institute of MCA & MBA, Akurdi	SPPU approved	9.2.2018 to 10.2.2018	2 days
		Application of Separation Techniques in Chemical Engineering	DYPIEMR	Approved by AICTE and ISTE	11.12.2017 to 15.12.2017	5 days
Mrs.K.B. Zare		Effective Thesis Writing & Research Methodology for Researchers/PhD aspirants	S. B. Patil College of Engineering, Indapur	Approved by AICTE and ISTE	31/10/2017 to 4.11.2017	1 week
		workshop on Entrepreneurial Leadership	Dr. D. Y. Patil Institute of MCA & MBA, Akurdi	SPPU approved	9.2.2018 to 10.2.2018	2 days
Mr. Pankaj Vardhe		Advances in Wastewater Treatment	DYPIEMR	Approved by AICTE and ISTE	28.5.2018 to 2.6.2018	6 days
		Application of Separation Techniques in	DYPIEMR	Approved by AICTE and ISTE	11.12.2017 to 15.12.2017	5 days

		Chemical Engineering				
--	--	----------------------	--	--	--	--

Conferences Attended

Name of the teacher	Title of the paper	Name of the conference	National / international	Year of publication
Dr. Utkarsh Maheshwari	Activated Neem Bark as a Potential Low-Cost adsorbent for the Removal of Cr(VI), Cu(II) and Zn(II) from Wastewater	International Conference on Biotechnology, Nanotechnology and Environmental Engineering (ICBNE'15)	International	2015
Mr .D. P. Deshpande	Production of Biofuels from castor oil	International Conference "Outstanding Young Chemical Engineer"	International	2015
	Utilization of Plastic for the production of hydrocarbons	National Conference on Emerging Trends in Engineering Technology	National	2015
Mrs. Kirti B Zare	Climate change & global warming	National Conference on Environment Development	National	2016
	Modeling And Simulation Of Saponification Reaction In Different Type Of Reactor	5th International Conference on Recent Trends in Engineering, Science & Management	International	2016
	Cryogenic	International Conference on Technological Innovations in Engineering	International	2016
Mrs. Kirti B Zare	Design Of Double Pipe Heat Exchanger	7 th International Conference on Recent Trends In Engineering, Science & Management (ICRTESSM-17)	International	2017
	Hybrid Energy Systems & Advance Energy Technologies	International Conference on Sustainable Development for Energy and Environment ICSDEE-2017	International	2017
	Classification & Significances of Crude oil	2 nd International Conference on Chemical Industry	International	2017
	The Strategic Research and Innovation for Nanomedicine	Nnotechnology and its Applications for sustainable development in chemical industries	International	2017
	Carbon Nanotubes	Nanotechnology and its Applications for sustainable development in chemical industries	International	2017
	platforms for Indian railway	Young Scientist's Conclave	International	2017
	Maximizing the Nutritional Value of Fruits & Vegetables	2nd International Conference on Internet of Things and Applications	International	2017

		for Smart City (ICIOTAS-17)		
Mr. D. P. Deshpande	Optimization of Reaction Parameter in an OBR	International Conference on Emerging Trends in Engineering, Technology and Architecture	International	2017
Mrs. Kirti B Zare	Waste Management	Emerging Trends in Engineering Sciences	International	2018

10. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (give details)

Sr No	Name Of Faculty	Members of committees at University level
1.	Dr. Shailesh Ghodke	Chairman of Research Methodology (ME Chem 2017 course)
		Chairman of Industrial Organization and Management (2015 course)
		Chairman of Research Methodology (ME Environment 2013 course)
		Chairman of Principles of Design (2012)
		Chairman of Chemical Reaction Engineering-I (2015)
2.	Dr. Utkarsh Maheshwari	Executive Committee Member of IChE Pune Regional Center, Pune for the year 2017-18
		Chairman of Process Dynamics and Control (BE2012, BE2015)
3	Mr. D.P. Deshpande	Chairman of Industrial Management & Entrepreneurship
		Chairman of Mass Transfer-I
		Chairman of Chemical Engineering Thermodynamics-II
4.	Mrs. K. B. Zare	Chairman of Chairman of Chemical Engineering Design-I (2015)

11. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Sr No	Name Of Faculty	Name of Editorial Boards as Reviewers
1.	Dr. Shailesh Ghodke	Ultrasonic Sonochemistry, Elsevier Group
2.	Dr. Utkarsh Maheshwari	ACS Sustainable Chemistry & Engineering, ACS Group Asian Journal of Pharmaceutical Sciences, Elsevier Group Chemical Engineering Communications, Taylor & Francis Group Chemical Product and Process Modeling, De Gruyter Group

		Desalination and Water Treatment, Taylor & Francis Group Environmental Technology, Taylor & Francis Group Journal of Chemical & Engineering Data, ACS Group Journal of Environmental Chemical Engineering, Elsevier Group Journal of Hazardous Materials, Elsevier Group Journal of Natural Gas Science & Engineering, Elsevier Group Material Focus, American Scientific Publishers Process Plant Safety and Environmental Protection, Elsevier Group Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Elsevier Group Sustainable Materials and Technologies, Elsevier Group
3.	Mrs.K.B.Zare	Journal of Emerging Technologies and Innovative Research International Journal of Advanced Research and Publishers International Journal of Scientific & Engineering Research Trans Stellar

12. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Sr No	Name Of Faculty	Year	Name of Awards
1.	Dr. Shailesh Ghodke	2018	Outstanding Contribution in reviewing , Ultrasonic Sonochemistry Elsevier
2.	Dr. Utkarsh Maheshwari	2017	Outstanding Contribution in reviewing, Journal of Natural Gas Science & Engineering, Elsevier Group
			Outstanding Contribution in reviewing,Journal of Environmental Chemical Engineering, Elsevier Group
		2018	NPTEL Online Certification – Elite Waste to energy
		2018	NPTEL Online Certification – Elite in Introduction to Research
2018	NPTEL Online Certification – Elite Outcome based Pedology		
3.	Mr. D. P. Deshpande	2018	NPTEL Online Certification – Elite in Introduction to Research
4.	Mrs. K. B. Zare	2016	Best Oral Presentation Award at National conference on Environment & Development organized by Dr. B. N. Pundare College, Lonawala

		Topic Name: Climate change & global warming
	2014	Won Gold Medal from Dr. Babasaheb Ambedkar Technological University, Lonere in M.Tech (Chemical Engineering)

13. Awards and Prizes received by students at university, state, national and international level:

Co- curricular Activities:

Student Name	Year	Event/collage	Description	Achievements
Sandeep Jagtap	2014-15	Padmashree Dr. D. Y. Patil Institute of Engineering, Management & Research Akurdi,pune	VIHAAN 2K14- Paper Presentation	First Prize
Aditya Lomte Rajat Bhade		All India Shri Shavaji Memorial Society, Pune	9th AISSMS Engineering Today 2014-poster presentation	First Prize
Aditya Lomte		Padmashree Dr. D. Y. Patil Institute of Engineering, Management & Research Akurdi,pune	CHEMQUIZ-2K15 IDP	Second Prize
Sharad Suranase		MIT, Alandi pune	PETROVISION 2015 Model making	First Prize
Aditya Lomte		D.Y.Patil College of Engineering Akurdi Pune	TANTROTSAV 2K15-Paper Presentation	Second Prize
Aditya Lomte	2015-16	D.Y.Patil College of Engineering Akurdi Pune	TANTROTSAV 2K15-Paper Presentation	Second Prize
Sharad Survase Vallabha Prabhudesai		All India Shri Shavaji Memorial Society,Pune	Chemixir -Poster presentation	First Prize First Prize
Vinit Ponshe	2016-17	AISSMAS College of Engineering, Pune	Promising and Innovative Young Chemical Engineering Conferences Paper Presentation	First Prize
YashThakare	2017-18	Pandit Deendayal Petroleum University Gandhinagar	International Conferences on Chemical Industry Paper Presentations	Third Prize
Ajay Kadam		AISSMAS College of Engineering , Pune	12 th AISSMS, Engineering Today Poster Presentation	First Prize

Extracurricular Activities:

Name Of Student	Year	Name Of College	Competition Description	Position
Gole Sunil	2013-14	DYPIEMR, Akurdi	Volleyball	1 st Prize
Sonawane Kapil		DYPIEMR, Akurdi	Volleyball	1 st Prize
Bhagyawant Kedar	2014-15	YCIP, Beed	Quiz Competition	Best Participate
Survase Sharad		NIIT	Annual Computer Examination	Grade A
Survase Sharad		Vyas Creations & Pitambari Pancharas	Kavyalekhan	Grade B
Kharche Vaibhav		Gov. of Maharashtra Drawing Grade Examination	Drawing	Grade C
Kharche Vaibhav		Gov. of Maharashtra Drawing Grade Examination	Drawing	Grade C
Shrivastava Kartika	2015-16	HK Firodia Memorial Foundation	Science Quiz	Excellence
Md. Mustafa Ansari		DYPIEMR, Akurdi	Cricket	Runner up
Narune Amit	2016-17	JSPM, Narhe- pune	Quiz Competition	Runner up
Kumthekar Tanay		JSPM, Narhe- pune	Quiz Competition	Runner up
Narune Amit	2017-18	D Y Patil Institute of Technology, Pimpri	Keymaker	2 nd Prize

14. Details of Seminars/ Conferences/Workshops/FDP organized at university, state, national and international level and the source of funding with details:

Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	University/State/National/International	Dates
Faculty Development programme organized on Utilization of Computers in Chemical Engineering	Self-Funded (ISTE-AICTE Approved)	13	State	06.06.17 to 10.06.17
Faculty Development programme organized on Application of Separation Techniques in Chemical Engineering	Self-Funded (ISTE-AICTE Approved)	18	State	11.12.17 to 15.12.17

Short Term Training programme organized on Advances in Wastewater Treatment	Self-Funded (ISTE-AICTE Approved)	27	State	28.05.18 to 02.06.18
Workshop conducted by Chemsys Process Engg Pvt Ltd.	Funded (Chemsys Process Engg Pvt Ltd.)	112	NA	14.07.18 to 14.07.18
Seminar conducted by Petroleum Conservation Research Association (PCRA)	Funded (Petroleum Conservation Research Association)	60	NA	23.08.18 to 23.08.18

15. Number of faculty who were awarded M. Phil., Ph.D., D.Sc. / D.Lit.: Nil

16. Curricular Aspects:

a) Does the department offer program with sufficient no. of electives options.

Yes

b) While framing curriculum, is feed-back taken from stakeholder's viz. Students/Alumni/Parents/Employers considered?

Yes

c) Number of teachers preparing & following Academic Teaching plan

8

d) Do you offer Bridge/Remedial courses? If yes, Give details.

Yes. Remedial classes are conducted for slow learners. Remedial/ Makeup classes are introduced for students in view of improving performance at same level as that of regular students.

Details of Remedial conducted

Class	2017-18		2016-17		2015-16		2014-15		2013-14	
	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II
SE	6	5	6	5	6	5	6	5	6	5
TE	6	5	6	5	6	5	6	5	6	5
BE	6	4	6	4	6	4	6	4	6	4

17. What is the method for conducting internal evaluation?

Internal assessment is done throughout the semester by subject teachers and the performance of students in this assessment is communicated to the students regularly. Continuous internal assessment sheets are maintained by the faculty and shown to the

students as and when necessary. Marks obtained by the students in various tests are displayed on notice boards. Answer sheets of these tests are shown to the students and suggestions for improvement are given. Teacher Guardians monitor the performance of the students and discuss it with students during their meetings. Overall performance of students is also communicated to their parents by the concerned TGs as well as during Parent Teacher Meeting (PTM).

18. Teacher Performance:

- a) Whether the performance of the teacher assessed by the students? If yes, are the feedback reports analysed and suggestions communicated to teachers?

Yes.

- b) Whether suggestion boxes are kept in the department to get suggestions from students on infrastructural facilities available in the department?

Yes.

- c) Do teachers submit Self-Appraisal Reports? Are these reports appraised by HOD and forwarded to the Principal with comments?

Yes.

- d) What is the Departmental average Appraisal Score ____? How many teachers have Appraisal Score or Grade A, B, C and D?

Average Appraisal score is Good.

Appraisal Score or Grade	Number of Faculty
A	03
B	00
C	02
D	01

19. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sr No	Academic Year	Guest Lecture/Expert	Name of Guest Speaker	Date
1	2013-14	Soft Skill	Dr. Veena Doss	13/7/2013
2	2014-15	1. Scope of chemical Engineering	Mr. Pravin Bagel	03/06/2014
		2. Corporate etiquettes	Mrs. Swati Jadhav	12/7/2014
		3. ERP and Business Management	Mr. Naresh Dev	10/01/2015
3	2015-16	1. Energy Engineering	Dr. Y. S.	23/9/2015

			Mahajan	
		2. A Non Traditional Optimization Technique	Dr. V. S. Sathe	22/8/2015
		3. Chemical Engineering Design-I	Dr. S. R. Shirsath	11/02/2016
		4. Mass Transfer-II	Dr. M. B. Patil	04/03/2016
4	2016-17	1. Statistical Design of Experiments	Dr. V. R. Patwardhan	23/9/2016
		2. Chemical Reaction Engineering-I	Dr. S. V. Taralkar	11/2/2017
		3. Chemisrty-II	Dr. Manisha Tanwar	02/12/2016
5	2017-18	1. Material Balance with chemical Reaction	Mrs. R. S. Deshpande	29/7/2017
		2. Piping Desiging	Dr. S. R. Shirsath	27/9/2017
		3. Petroleum Industry	Mr. Sudhir Gandhi	19/9/2017
		4. Vessel Support ,Design of Storage vessel	Dr. S. R. Shirsath	22/02/2018
		5. Scope of Chemical Engineer	Mr. P. M. Deshmukh	1/15/2017
		6. Important of GATE for Engineer	Mr. Harishankar	1/19/2018
		7. Petrochemical Refining and Fluidized Catalytic Cracking	Mr. Pravin Bagel	29/07/2017

B. ADMINISTRATIVE AUDIT

20. Department-wise Student Teacher Ratio (*Last 5 Years*):

Year	Student Teacher Ratio
2017-18	25
2016-17	25
2015-16	22.11
2014-15	27.60
2013-14	36.50

21. Number of teaching posts sanctioned, filled and vacant (*Last 5 Years*):

Year	Number of Teachers	Sanctioned	Filled	Vacant
2017-18	8	12	8	4
2016-17	8	12	8	4
2015-16	9	12	9	3
2014-15	5	8	5	3
2013-14	2	4	2	2

22. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary) (*Last 5 Years*):

Name	Designation	Qualifications	Teaching/Research Experience
Dr. Shailesh Ghodke	Associate Professor	Ph.D. (Chemical Engg.)	11.5 years
Dr. Utkarsh Maheshwari	Assistant Professor	Ph.D. (Chemical Engg.)	8.75 years
Mr. D. P. Deshpande	Assistant Professor	M. Tech.	8.4 years
Mrs. Kirti Zare	Assistant Professor	M. Tech.	4 years
Mr. Pankaj Vardhe	Assistant Professor	M. Tech.	1.9 years
Mrs. Shubhangi Patil	Assistant Professor	M. Tech.	4 years
Mr. Tejas Boralkar	Assistant Professor	M. Tech.	2.4 years
Mr. Ramansingh Thakur	Assistant Professor	M. Tech.	2.4 years

23. Number of academic support staff (technical) and administrative staff sanctioned, filled and vacant:

Sr. No.	Posts	Sanctioned posts	Filled	Actual
1	Laboratory Assistant	2	2	2
3	Laboratory Attendant	0	0	0

4	Peon	2	1	1
---	------	---	---	---

24. Year-wise results of students at UG:

Year	UG	Appeared	Passed	Pass %
2017-2018	SE	72	68	94.44
	TE	64	58	90.65
	BE	62	61	98.39
2016-2017	SE	61	22	36.06
	TE	64	58	90.65
	BE	63	58	92.06
2015-2016	SE	72	60	83.33
	TE	69	58	84.05
	BE	58	54	93.10
2014-2015	SE	60	58	98.30
	TE	67	64	95.52
2013-2014	SE	72	59	81.49

25. Student progression/ placement record: Number/ percentage of students proceeded for higher studies Number/percentage of students placed:

Year	% proceeded for higher studies	% of students placed
2017-18	1.4	41.11
2016-17	12.7	41.07
2015-16	12.1	65.55

26. Present details of departmental infrastructural & other facilities with regard to

- a) Details about Library Committee : Prof. P. N. Vardhe
- a) Central Library Books and Journals, etc, relevant to Department: 61
- b) Online (books, journals etc.) Subscribed : NA
- c) Computers and Internet facilities for staff : Available
- d) Total number of class rooms : 2
- e) Class rooms with ICT facility : 2
- f) Students' laboratory : 8
- g) Research laboratories : NA
- j) Any other facility LCDs, : LCD

27. Diversity of Students : (Year-wise)

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
2017-18	50	83	10	Nil
2016-17	38	72	12	Nil
2015-16	53	88	18	Nil

28. Number of students cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give Category wise data.

Year	MPSC/UPSC	NET/ SET	GATE	Other Exams	Total
2017-18	Nil	Not Applicable	Nil	02	02
2016-17	01	Not Applicable	01	Nil	02
2015-16	01	Not Applicable	02	Nil	03
Total	02	Not Applicable	03	02	07

29. Student progression/ placement record: Number/ percentage of students proceeded for higher studies Number/percentage of students placed:

Year	% proceeded for higher studies	% of students placed
2017-18	1.4	41.11
2016-17	12.7	41.07
2015-16	12.1	65.55

30. Diversity of Faculty:

Teaching faculty	%
from the same university	Nil
from other universities within the State	37.5
from other States	62.5
from outside the country	Nil

Declaration by the Head of the Department

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Head of Department

[Handwritten Signature]

HEAD

Dept. of Chemical Engineering
Dr. D. Y. Patil Institute of Engineering
Management & Research, Akurdi, Pune-44

Date:



Remark:- Field Project &

consultancy work should
initiate by dept.

Auditor 1

[Handwritten Signature]

10/07/2018

(Dr. S. G. Damhare)

Auditor 2

[Handwritten Signature]

10/07/2018

(Dr. M. S. Bhende)

Dr. D. Y. Patil Pratishthan's



**DR. D. Y. PATIL INSTITUTE OF ENGINEERING,
MANAGEMENT & RESEARCH**

Approved by A.I.C.T.E, New Delhi , Maharashtra State Government, Affiliated to
Savitribai Phule Pune University

Sector No. 29, PCNTDA ,Nigidi Pradhikaran, Akurdi, Pune 411044. Phone: 020-27654470, Fax: 020-
27656566

Website :www.dypiemr.ac.in Email : principal.dypiemr.ac.in

ACADEMIC & ADMINISTRATIVE AUDIT REPORT

ACADEMIC YEAR: 20187-2018

(Provide information for last five years from 2013-14 to 2017-18)

A. ACADEMIC AUDIT

1. Name of the Department: Civil Department
2. Year of establishment: 2012
3. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify: Semester
4. Participation of the department in the curriculum development for courses offered by the University.- **Faculties have participated in syllabus revision workshops. Also provide insights for the revision**
5. Information about research grants, projects completed and ongoing from National funding agencies (like BCUD, UGC, DST) (*Last 5 Years*): **NIL**

Sr. No.	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any

6. Publications (*Last 5 Years*):

Sr. No.	Academic Year	Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
1	2017-18	34				
2	2016-17	35	4		2	9.782
3	2015-16	44				
4	2014-15	5				
5	2013-14	7	1		1	4

7. Details of patents filed & granted and revenue income generated: NIL

8. Consultancy services provided, name of the teacher/s and income generated:

Sr. No.	Year	Name of the teacher	Nature of consultancy	Funds generated
1	2018-19	Mr Gorde Pravin J	Research and Quality Evaluation of anganwadi.	100000
2	2017-18	Mr Shivkumar Hallale	Traffic Study for future extension of railway track from pune to lonavala	221200
3	2017-18	Mr Shivkumar Hallale	Traffic study of Metro line between shivajinagar to Hinjewadi Phase 3	194800

9. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

NIL

10. Details of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.(participant, presented paper, chaired the session) (*Last 5 Years*):

2013-14

Sr.No.	Name of Faculty	Event Type	Event Title
1	Shivkumar Hallale	Workshop	Structural Masonry Analysis and Design
2	Ms.Amruta Kulkarni	Workshop	Mission 10 X

2014-15

Sr.No.	Name of Faculty	Event Type	Event Title
1	Gorde Pravin	Conference	Civil PGCON 2014

2	Ms. A.P.Kulkarni	Workshop	TE Civil Syllabus Revision(pattern 2012) at ,
---	------------------	----------	---

2015-16

Sr.No	Name of Faculty	Event Type	Event Title
1	Mithun K Sawant	Workshop	Revision of SE Civil Engineering Syllabus-CBCS-2015 Pattern
2	Gorde Pravin	Workshop	GIS Applications to Smart City
3	Gorde Pravin	Conferences	National level conference on Research Design and Development in Engineering Management and Sciences
4	Mr. Sainand Khot	Workshop	Two days workshop on Dams and Hydraulic Structures, 8-9 December 2015, PCCOE, Pune
5	Mr. Sainand Khot	Workshop	IEEE Authorship workshop
6	Mr. Sainand Khot	Workshop	"Dam Rehabilitation- Trends & Practices"
7	Mr. Sainand Khot	Workshop	Revision of TE Civil Engineering Syllabus-CBCS-2015 Pattern
8	Mr. Sainand Khot	NATIONAL CONFERENCE	Introduction of GIS smart cities
9	Rohit S Deshmukh	Workshop	State Level Workshop on Recent Developments in Civil Engineering
10	Mr. Sachin S. Nalawade	Workshop	"Dam Rehabilitation- Trends & Practices"
11	Mr. Shivkumar Hallale	Workshop	Practical Oriented Structural Design (RCC)
12	Mr. Shivkumar Hallale	Workshop	Two Days Interactive Workshop on Intellectual Property Rights

2016-17

Sr. No.	Name of Faculty	Event Type	Event Title
1	M A Shinde	Conference	India International Science Festival 2016
2	M A Shinde	Workshop	SE Civil Syllabus Revision
3	M A Shinde	Workshop	Advanced Technics to write and present research Papers
4	R S Sabale	Conference	India International Science Festival 2016
5	R S Sabale	Workshop	State Level Workshop on Recent Developments in Civil Engineering
6	R S Sabale	Workshop	Advanced Techniques to Write and Present Research Paper and Patent
7	Mithun K Sawant	Workshop	Effective Teaching Methodology in Engineering Mechanics

Sr. No.	Name of Faculty	Event Type	Event Title
8	Gorde Pravin	Workshop	Syllabus Revision of PG course
9	Gorde Pravin	Workshop	Awareness about Road safty Management
10	Priyanka Jawale	State level workshop	"Awareness about Road Safety Management"
11	Priyanka Jawale	National conference	"Advanced Tranportation Systems and Infrastructure Development in Developing India"
12	Aavani P	State level workshop	"Awareness about Road Safety Management"
13	Aavani P	National conference	"Advanced Tranportation Systems and Infrastructure Development in Developing India"
14	Aavani P	Workshop	Advanced Technics to write and present research Papers and Patents
15	Vaishnavi Battul	Workshop	Advanced Techniques to Write and Present Research Paper and Patent
16	ShivKumar Hallale	Workshop	Adavance in Concrete
17	Rohit Shinde	Workshop	Advanced Techniques to Write and Present Research Paper and Patent
18	ShivKumar Hallale	seminar	PRECAST TECHNOCON DRIVE
19	ShivKumar Hallale	Workshop	Adavanced Techniques to write and Present Research Paper and Patent
20	A.P.Kulkarni	Workshop	TE Civil Syllabus Revision(pattern 2015)
21	A.P.Kulkarni	Conference	Transformation in engineering Education

2017-18

Sr.No	Name of Faculty	Event Type	Event Title
1	Mr. Shree Kamble	WORKSHOP	Application of Statistics in Research
2	M A Shinde	National Workshop	5 Bhartiya Vigyan Sammelan and Expo
3	M A Shinde	International Conference	Status and Future of the worlds large river
4	Mithun K Sawant	National Level Seminar	Role of Civil Engineers in Sustainable Urban Development
5	Gorde Pravin	National Symposium	Inclusive and Sustainable Development through smart cities
6	Gorde Pravin	Workshop	BE Civil 2015 pattern syllabus revision
7	Gorde Pravin	Conferences	NC on Technical Revolution
8	Rohit Deshmukh	Naional Conference	Industrial Practices in Civil Engineering-2018
9	Rohit Deshmukh	National Level Workshop	Industrial Practices in Civil Engineering(IPCE III-2018)
10	Mr. Shree Kamble	CONFERENCE	"RECYCLE 2018" 2nd INTERNATIONAL CONFERENCE ON WASTE MANAGEMENT
11	Ms.Aavani P	workshop	BE Civil 2015 pattern syllabus revision

Sr.No	Name of Faculty	Event Type	Event Title
12	Aavani P	Naional Conference	Industrial Practices in Civil Engineering-2018
13	Aavani P	National Level Workshop	Industrial Practices in Civil Engineering(IPCE III-2018)
14	Mr. Sainand Khot	workshop	BE Civil 2015 pattern syllabus revision
15	Rohit Shinde	National Conference	5 Bhartiya Vigyan Sammelan and Expo
16	A P Kulkarni	National Level Seminar	Role of Civil Engineers in Sustainable Urban Development
17	Mr. Amol More	workshop	BE Civil 2015 pattern syllabus revision
18	Dr Parameshwar		Session chair for conference at NITK

11. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (give details)

Faculties have participated in syllabus revision workshops. Also provide insights for the revision

12. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels. **02**

Dr Parameshwar Hiremath

Dr Atul Kolhe

13. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Sr. No.	Academic Year	Name of Faculty	Award Received (National, State Level by Govt. bodies/ any recognized bodies)	Supporting Document (Hard Copy)
NPTEL Certification				
1	2017-18	Mr. Mithun K Sawant	Structural Analysis-I	Elite Certificate
2	2017-18	Mr. Rohit S Deshmukh	Effective Engineering Teaching in Practice	Elite Certificate
3	2017-18	Mr. Amol More	Effective Engineering Teaching in Practice	Elite Certificate
4	2017-18	Ms. Vaishnavi V Battul	Structural Analysis-I	Elite Certificate
5	2017-19	Ms. Aaani P	Outcome based Pedagogy in Teaching	Elite Certificate
6	2017-18	Ms. Vaishnavi V Battul	Outcome based Pedagogic Principles for Effective Teaching	Elite Certificate

14. Awards and Prizes received by students at university, state, national and international level: **NIL**

15. Details of Seminars/ Conferences/Workshops/FDP organized at university, state, national and international level and the source of funding with details:

Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	University/State/National/ International	Dates
Sustainable material used in Construction	Self	55	ISTE	11 to 15 June 2018
Hands-on Training on HIT Office	Self	40	ISTE	6th to 10th June 2017

16. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D.Lit.: **01**

17. Curricular Aspects:

- Does the department offer program with sufficient no. of electives options. **Yes**
- While framing curriculum, is feed-back taken from stakeholder's viz. Students/Alumni/Parents/Employers considered **Yes**
- Number of teachers preparing & following Academic Teaching plan **18**
- Do you offer Bridge/Remedial courses? If yes, Give details. **Yes**

Year	Seminar/ Webinar	Guest Lecture	Industrial Visit	Orientation Program	Workshop
2013-14	1	1			
2014-15		1	1		
2015-16		3	3		
2016-17	2	3	8		2
2017-18	1	7	9	1	
2018-19		2	4	1	1

18. What is the method for conducting internal evaluation?

Centralized and Internal appraisal system

19. Teacher Performance:

- Whether the performance of the teacher assessed by the students? If yes, are the feedback reports analysed and suggestions communicated to teachers?

Yes. Feedback and suggestion communicated with teacher.

- Whether suggestion boxes are kept in the department to get suggestions from students on infrastructural facilities available in the department?

Yes.

- c) Do teachers submit Self-Appraisal Reports? Are these reports appraised by HOD and forwarded to the Principal with comments?

Yes

- d) What is the Departmental average Appraisal Score A ? How many teachers have Appraisal Score or Grade A, B, C and D?

A: 20

20. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Year	Seminar/Webinar	Guest Lecture	Industrial Visit	Orientation Program	Workshop
2013-14	1	1			
2014-15		1	1		
2015-16		3	3		
2016-17	2	3	8		2
2017-18	1	7	9	1	

B. ADMINISTRATIVE AUDIT

21. Department-wise Student Teacher Ratio (*Last 5 Years*):

Sr. No.	Year	No. of Student Enrolled in the institute (UG)	Number of Fulltime Teachers in Institute (UG)	Ratio (Student:Faculty)
1	2017-2018	416	18	23.11:1
2	2016-2017	410	21	19.52:1
3	2015-2016	357	21	17.00:1
4	2014-2015	221	19	11.63:1
5	2013-2014	76	06	12.66:1

22. Number of teaching posts sanctioned, filled and vacant (*Last 5 Years*):

Year	Number of Teachers	Filled
2017-2018	18	18
2016-2017	21	21
2015-2016	23	23
2014-2015	19	19

2013-2014	06	06
-----------	----	----

23. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary) (*Last 5 Years*):

2017-18

Sl. No.	Name of the Faculty	Designation	Highest Qualification M.Tech/Ph.D.	Total Teaching Experience in No. of Months as on 31 July 2017
				Months
1	Amruta Kulkarni	Assistant professor	M.E.	144
2	Battul Vaishnavi Vishnu	Assistant professor	M.Tech	13
3	Nalawade Sachin Sampat	Assistant professor	M. E.	36
4	Sabale Ranjeet Satish	Assistant professor	M.tech	72
5	Gorde Pravin Jaysing	Assistant professor	M.E.	59
6	Mithun Kamalkar Sawant	Assistant professor	M.E.	75
7	Hallale Shivkumar Neelkanth	Assistant professor	M.E.	29
8	Mayur Shinde	Lecturer	Ph. D (Pursuing), M.Sc. (Geology)	29
9	Deshmukh Rohit Sahebrao	Assistant professor	M.E.	72
10	Shinde Rohit Machindranath	Assistant professor	M.E.	60
11	Khot Sainand Praksah	Assistant professor	M.E.	28
12	Mane Pravin Popat	Assistant professor	M.E.	80
13	Aavani P	Assistant professor	M.Tech	50
14	Priyanka Jawale	Assistant professor	M.E.	24
15	Kamble Shree Dattatraya	Assistant professor	M.Tech	5
16	Tejashri Satish Gulave	Assistant professor	M.E.	72
17	Parameshwar Hiremath	Assistant professor	Ph. D	12
18	Mr. Amol More	Assistant Professor	M.E. CONSTRUCTION MANAGEMENT	48

2016-17

Sl. No.	Name of the Faculty	Designation	Highest Qualification MTech/Ph.D.	Total Teaching Experience in No. of Months	Type
1	Amruta Kulkarni	Assistant professor	M.E.	132	REGULAR
2	Bhushan Kalantre	Assistant professor	M.TECH	29	Adhoc
3	Battul Vaishnavi Vishnu	Asstt. Professor	M.Tech	1	Adhoc
4	Kshirsagar Trupti Shivram	Assistant professor	M.tech	48	Adhoc
5	Nalawade Sachin Sampat	Assistant professor	M. E.	24	Adhoc
6	Sabale Ranjeet Satish	Assistant professor	M.tech	60	Adhoc
7	Gorde Pravin Jaysing	Assistant professor	M.E.	47	Adhoc
8	Mithun Kamalkar Sawant	Assistant professor	M.E.	63	Adhoc
9	Hallale Shivkumar Neelkanth	Assistant professor	M.E.	17	Adhoc
10	Prachiti Prabhakar Janrao	Assistant professor	M.E.	24	Adhoc
11	Mayur Shinde	Lecturer	Ph. D (Pursuing), M.Sc. (Geology)	17	Adhoc
12	Mahesh Sanjivan Shindepatil	Assistant professor	M.E.	24	Adhoc
13	Swati Bhavsar	Assistant professor	M.E.	0	Adhoc
14	Aaditi Shivchandra Vibhute	ASSistant professor	M.E.	54	Adhoc
15	Deshmukh Rohit Sahebrao	Assistant professor	M.E.	60	Adhoc
16	Sawant Sneha P	Assistant professor	M.E.	32	Adhoc
17	Shinde Rohit Machindranath	Assistant professor	M.E.	48	Adhoc
18	Khot Sainand Praksah	Assistant professor	M.E.	16	Adhoc
19	Aavani P	Assistant professor	M.Tech	38	Adhoc
20	Priyanka Jawale	Assistant professor	M.E.	12	Adhoc
21	Poonam Kotulakar	Assistant professor	M.E.	48	Adhoc

2015-16

Sl. No.	Name of the Faculty	Designation	Highest Qualification MTech/Ph.D.	Total Teaching Experience in No. of Months	Type
				Months	
1	Amruta Kulkarni	Assistant professor	M.E.	120	REGULAR
2	Bhushan Kalantre	Assistant professor	M.TECH	17	Adhoc
3	Kshirsagar Trupti Shivram	Assistant professor	M.tech	36	Adhoc
4	Nalawade Sachin Sampat	Assistant professor	M. E.	12	Adhoc
5	Sabale Ranjeet Satish	Assistant professor	M.tech	48	Adhoc
6	Gorde Pravin Jaysing	Assistant professor	M.E.	35	Adhoc
7	Mithun Kamalkar Sawant	Assistant professor	M.E.	51	Adhoc
8	Hallale Shivkumar Neelkanth	Assistant professor	M.E.	5	Adhoc
9	Prachiti Prabhakar Janrao	Assistant professor	M.E.	24	Adhoc
10	Mayur Shinde	Lecturer	Ph. D (Pursuing), M.Sc. (Geology)	5	Adhoc
11	Aaditi Shivchandra Vibhute	Assistant professor	M.E.	42	Adhoc
12	Deshmukh Rohit Sahebrao	Assistant professor	M.E.	48	Adhoc
13	Sawant Sneha P	Assistant professor	M.E.	20	Adhoc
14	Shinde Rohit Machindranath	Assistant professor	M.E.	36	Adhoc
15	Khot Sainand Praksah	Assistant professor	M.E.	4	Adhoc
16	Aavani P	Assistant professor	M.Tech	26	Adhoc
17	Poonam Kotulakar	Assistant professor	M.E.	36	Adhoc
18	Neha Bagadiya	Assistant professor	ME pursuing	10	Adhoc
19	Vikas Nimbalkar	Assistant professor	ME	12	Adhoc
20	Aslesha Ganvir	Assistant professor	ME Pursuing	4	Adhoc
21	Tejashri Gulve	Assistant professor	M.E.	36	Adhoc

2014-15

Sl. No.	Name of the Faculty	Designation	Highest Qualification MTech/Ph.D.	Total Teaching Experience in No. of Months	Type
1	Ms. A. P. Kulkarni	Assistant Professor	ME	108	Regular
2	Mr. Bhushan Kalantre	Assistant Professor	MTech	36	Adhoc
3	Mr. P. J. Gorde	Assistant Professor	ME Pursuing	22	Adhoc
4	Miss. Prachity P Janrao	Assistant Professor	ME	12	Adhoc
5	Mr. K. V. Shelar	Assistant Professor	MS	10	Adhoc
6	Mrs. Kamini Thakare	Assistant Professor	BE	24	Adhoc
7	Mrs. Sneha Sawant	Assistant Professor	ME	36	Adhoc
8	Mrs. Snehal Wagh	Assistant Professor	ME	22	Adhoc
9	Mrs. Neha Bagdia	Assistant Professor	ME Pursuing	00	Adhoc
10	Mr. R. S. Deshmukh	Assistant Professor	ME	36	Adhoc
11	Mr. Abhijeet Todkar	Assistant Professor	MSc	12	Adhoc
12	Mr. Rohit M Shinde	Assistant Professor	ME	24	Adhoc
13	Mrs. T. S. Kshirsagar	Assistant Professor	ME	24	Adhoc
14	Mr. R. S. Sable	Assistant Professor	ME	36	Adhoc
15	Mrs. Mitali Saharia	Assistant Professor	Mtech	10	Adhoc
16	Mr. M B Jadhav	Assistant Professor	ME Pursuing	24	Adhoc
17	Mr. V S Thorat	Assistant Professor	ME Pursuing	24	Adhoc
18	Mr. Ganesh Dagade	Assistant Professor	MSc	12	Adhoc
19	Mr. Siddheshwar Bhosale	Assistant Professor	ME	00	Adhoc

2013-14

Sl. No.	Name of the Faculty	Designation	Highest Qualification MTech/Ph.D.	Total Teaching Experience in No. of Months	Type
1	Ms A P Kulkarni	Assistant professor	M.E.	96	REGULAR
2	Mr. Gorde Pravin	Lecturer	M.E. Pursuing	10	Adhoc
3	Mr. V S Thorat	Lecturer	M.E. Pursuing	12	Adhoc
4	Mr. M B Jadhav	Lecturer	M.E. Pursuing.	12	Adhoc
5	Mr. Ganesh Dagde	Lecturer	M.sc	12	Adhoc
6	Mr. Bhushan Kalantre	Assistant professor	M.Tech	24	Adhoc

24. Number of academic support staff (technical) and administrative staff sanctioned, filled and vacant:

Sr. No.	Posts	Filled
1	Laboratory Assistant	01
3	Laboratory Attendant	
4	Peon	01

25. Year-wise results of students at UG:

UG	Year	Appeared	Passed	Pass %
BE	2015-16	67	66	98.5
BE	2016-17	125	120	96
BE	2017-18	127	124	97.63

26. Student progression/ placement record: Number/ percentage of students proceeded for higher studies Number/percentage of students placed:

Year	% proceeded for higher studies	% of students placed
2017-18	2.00	12.60
2016-17	5.5	17.97
2015-16	7.35	41.18

27. Present details of departmental infrastructural & other facilities with regard to

- a) Details about Library Committee :
- a) epaCentral Departmental library coordinator
- b) Library Books and Journals, etc, relevant to Drtment: books: 277
Volume: 1887, National Journal: 12 , Cd's : 92
- c) Online (books, journals etc.) Subscribed :365
- d) Computers and Internet facilities for staff :01
- e) Total number of class rooms :05
- f) Class rooms with ICT facility :05
- g) Students' laboratory :11
- h) Research laboratories :00
- i) Any other facility LCDs, :02

- f) Class rooms with ICT facility :05
 g) Students' laboratory :11
 h) Research laboratories : 00
 i) Any other facility LCDs, : 02

28. Number of students cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give Category wise data.

Year	MPSC/UPSC	NET/SET	GATE	Other Exams	Total
2017-18	00	00	01	01	02
2016-17	00	00	04	00	04
2015-16	00	00	01	01	02

29. Student progression/ placement record: Number/ percentage of students proceeded for higher studies Number/percentage of students placed:

Year	% proceeded for higher studies	% of students placed
2017-18	2.00	12.60
2016-17	5.5	17.97
2015-16	7.35	41.18

30. Diversity of Faculty:

Teaching faculty	%
from the same university	02
from other universities within the State	11
from other States	05
from outside the country	00

Declaration by the Head of the Department

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Akurtkarni
 Head of Department
 HEAD

Department of Civil Engineering
 Dr. D. Y. Patil Institute of Engineering
 Management & Research, Akurdi, Pune-411044

Date:

Remark:- Department should initiate
MSB
10/07/2018
 (Dr. S.G. Dambhare)



initiate Consultancy work
 13
MSB
10/07/2018
 (Dr. M.S. Bhende)

Dr. D. Y. Patil Pratishthan's



**DR. D. Y. PATIL INSTITUTE OF ENGINEERING,
MANAGEMENT & RESEARCH**

Approved by A.I.C.T.E, New Delhi, Maharashtra State Government, Affiliated to
SavitribaiPhule Pune University

Sector No. 29, PCNTDA ,NigidiPradhikaran, Akurdi, Pune 411044. Phone: 020-27654470, Fax: 020-27656566

Website : www.dypiemr.ac.in Email : principal.dypiemr.ac.in

ACADEMIC & ADMINISTRATIVE AUDIT REPORT

ACADEMIC YEAR: 2017-2018

(Provide information for last five years from 2013-14 to 2017-18)

A. ACADEMIC AUDIT

1. Name of the Department: **Computer Engineering**
2. Year of establishment: **2012**
3. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify: **Semester, Choice Based Credit System**
4. Participation of the department in the curriculum development for courses offered by the University. **Yes, Syllabus Revision Workshop, Suggestions given while Framing the curriculum**
5. Information about research grants, projects completed and ongoing from National funding agencies (like BCUD, UGC, DST) (*Last 5 Years*): **BCUD Funding for FDP of Rs.1 Lakh.**

Sr. No.	Name of the Coordinator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
1	Mr. Nareshkumar Mustary	FDP on "Big Data Analytics using Hadoop"	BCUD, 5 Days FDP,	1,00,000/-	

6. Publications (*Last 5 Years*):

Sr. No.	Academic Year	Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Citations	h-index	Impact factor range/Average Impact factor
1.	2018-19	21	11	9.90	0.95	3.324
2.	2017-18	62	09	9.06	1.14	3.046
3.	2016-17	23	06	11.13	1.60	1.674
4.	2015-16	18	04	20.11	1.88	2.47
5.	2014-15	11	01	8.36	01	1.117
6.	2013-14	04	0	5.25	0.75	1.757
7.	2012-13	03	01	06	01	3.38

7. Details of patents filed & granted and revenue income generated:

Patent Filed = 10

Granted = 0

Revenue Income Generated = 0

Sr. No.	Year	Name of Patent	Date Of Patent	Patent Number	Granted or Filled	No. Of Faculty
1.	2017-18	Elimination Of Tokenization System Using Smart Iot Based Rfid-Nfc	9/5/2018	201821017406	Filled	08
		Digital Security System For Door Using Iot	28/03/2018	201821011557	Filled	01
		Disease Prediction System Using Neural Networks	25/04/2018	201821015565	Filled	04
		Intelligent Traffic Control System And Emergency Vehicle Clearance Using Iot	9/5/2018	201821017406	Filled	
2.	2016-17	Smart folder locking system	11/07/2017	201721022747	Filled	05
		System for managing personal health	29/06/2017	201721022775	Filled	

		Improved Security System	29/06/2017	201721022786	Filled	05
		Smart Public Toilets	29/06/2017	201721022792	Filled	05
3.	2014-15	Managing Grain Storage	19/06/2014	1980/MUM/2014	Filled	01
4.	2013-14	Automatic Vehicle park management system using wireless sensor network	29/04/2014.	1500/MUM/2014	Filled	01

8. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels. **NIL**

9. Details of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.(participant, presented paper, chaired the session) (*Last 5 Years*):

Name of Faculty	Year	FDP/STTP/Workshop Title	Start Date	End Date
Mrs. Suvarna Patil	2015	Workshop on “Cisco Networking and Implementation”	08-09-2015	09-09-2015
		Two Week ISTE STTP workshop on “Introduction to Design of Algorithms”	25-05-2015	30-05-2015
	2016	FDP on "Internet of Things"	28-11-2016	02-12-2016
		STTP on "Outcome Based Approach to Teaching, Learning and Assessment in Engineering Education for Accreditation"	13-12-2016	17-12-2016
		FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016
		State Level Workshop on “ Advanced Techniques to write and present Research Paper and Patent"	09-07-2016	09-07-2016
		One Day Faculty Development Program on “Object Oriented Programming”	14-06-2016	14-06-2016
		Two day State Level Workshop on “ Cloud Computing”	18-02-2016	19-02-2016
		State Level Workshop on “Android Application Development”	22-01-2016	23-01-2016
	2017	Android Apps Developemnt	12/6/2017	17/06/2017
		Project Competition CODEX	29/03/2017	29/03/2017
		One week STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017

Mrs. Pooja Mishra	2015-16	One Day Workshop on Cyber Security	10-9-2016	10-9-2016	
		Workshop on “Cyber Security and Forensic Tools”	6-10-2016	8-10-2016	
		FDP on "Internet of Things"	13-12-2016	17-12-2016	
		STTP on "Outcome Based Approach to Teaching, Learning and Assessment in Engineering Education for Accreditation"	13-12-2016	17-12-2016	
		One Day Faculty Development Program on “Fundamentals of Programming”-2	30-12-2016	30-12-2016	
		FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016	
		Advanced Techniques on write and Present Research paper and Patent	09-07-2016	9-7-2016	
	2017	One week STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017	
		One week FDP on Embedded System And IoT	18-12-2017	23-10-2017	
	2018	FDP on Foundation On ICT for Educatio	08-03-2018	12-04-2018	
		Peadogogy for Online and Blended Teaching Learning Process.	08-03-2018	12-04-2018	
		NAtional Level Seminar on IOT	30-1-2018	31-1-2018	
		Security Analyst by Nasscom	15-06-2018	19-06-2018	
		Iot by NAsscom	24-07-2018	28-07-2018	
	Mr.Nareshkumar R.M	2015	Two Days Workshop on CISCO IBNC networking	08-09-2015	09-09-2015
		2016	State Level Workshop on “ Advanced Techniques to write and present Research Paper and Patent"	09-07-2016	09-07-2016
State Level Workshop on “Android Application Development”			22-01-2016	23-01-2016	
FDP on “Big Data Analytics Using Hadoop”			06-12-2016	10-12-2016	
Advanced Trends in Engineering & Education			14-06-2016	16-06-2016	
2017		Software Testing Using Open Source Tool	06-06-2017	10-06-2017	
		Project Competition CODEX	29/03/2017	29/03/2017	
		Practical Exposure on Software Testing Using Open Source Tools	12/1/2017	13-01-2017	
		Android Apps Developemnt	12/6/2017	17/06/2017	
Mrs. Mily Lal		2015-2016	FDP on Computer Laboratory I	02/07/2015	03/07/2015
	FDP on Software Design Methodologies & Testing		11/12/15	12/12/15	
	Workshop on CISCO Networking & Implemenation		8/9/15	9/9/15	
	State Level Workshop on Cloud Computing		18/2/2016	19/2/2016	
	2016-2017	State Level Workshop on “ Advanced Techniques to write and present Research Paper and Patent"	09-07-2016	09-07-2016	

		FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016
		FDP on "Internet of Things"	28/11/2016	2/12/2016
		FDP on Object Oriented Programming	14/06/2016	14/06/2016
	2017-2018	Android Apps Developemnt	12/06/2017	17/06/2017
		Python Programming	21/12/2017	21/12/2017
		One week STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017
		Introduction to COE-Core Practice	03/08/2017	04/08/2017
		FDP on Foundation Program in ICT	8/3/2018	12/04/2018
Anilkumar Hulsure	2017	TEQIP Sponsered STTP ON Network System Administration &Security	08-03-2017	12-03-2017
		One week STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017
	2016	FDP onAdvance Trends in Engineering & Education	14-06-2017	16-06-2017
		FDP onSoftware and Application Development	27-08-2017	27-08-2017
		FDP on Internet of Things	28-11-2017	02-12-2017
		State Level Workshop on “ Advanced Techniques to write and present Research Paper and Patent"	09-07-2016	09-07-2016
		FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016
Mohini Avatade	2014	FDP on Programming Language - III	26-12-2014	27-12-2014
	2015	Two Days Workshop on CISCO IBNC networking	08-09-2015	09-09-2015
	2016	FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016
		FDP on Microprocessor Theory	13-12-2016	13-12-2016
		FDP on Microprocessor Laboratory	23-12-2016	23-12-2017
	2017	Project Competition CODEX	29/03/2017	29/03/2017
		One week AICTE-ISTE Approved STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017
		One Week Workshop on Android Apps Developement	12/6/2017	17/06/2017
		Sate Level Workshop on "Research Proposal, Paper, IPR & Patent Drafting"	8/12/2017	9/12/17
		Three Days SPPU sponsered FDP on " Web Technology"	13/12/17	15/12/17
p.p.shevatekar	2014	workshop on Qt opensource framework	15 /02/2014	15/02/2014
	2014	OSA FDP		
	2015	Two Days Workshop on CISCO IBNC networking	08-09-2015	09-09-2015
	2016	state level workshop on cloud computing	18/02/2016	19/02/2016
	2016	State Level Workshop on “ Advanced Techniques to write and present Research Paper and Patent"	09-07-2016	09-07-2016
		State Level Workshop on “Android Application Development”	22-01-2016	23-01-2016

		FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016
	2017	One week STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017
		Project Competition CODEX	29/03/2017	29/03/2017
		Android Apps Developemnt	12/6/2017	17/06/2017
Mrs. Nalini Yadav	2015	FDP on Computer Laboratory I	02/07/2015	03/07/2015
		Two Days Workshop on CISCO IBNC networking	08-09-2015	09-09-2015
	2016	State Level Workshop on “ Advanced Techniques to write and present Research Paper and Patent”	09-07-2016	09-07-2016
		State Level Workshop on “Android Application Development”	22-01-2016	23-01-2016
		FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016
		Two days National Workshop on Accreditation Process for Technical Institutions	15-12-2016	16-12-2016
		FDP on "Internet of Things"	28-11-2016	02-12-2016
	2017	One week STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017
		Project Competition CODEX	29/03/2017	29/03/2017
		Android Apps Developemnt	12/6/2017	17/06/2017
		FDP On Database Management System Laboratory	16/6/2017	16/06/2017
	Akanksha Goel	2015	workshop on "Smart System Programming"	24/7/2015
Two Days Workshop on CISCO IBNC networking			08-09-2015	09-09-2015
one day FDP on "Smart System Design &Application			17/7/2015	17/7/2015
State Level Workshop on “ Advanced Techniques to write and present Research Paper and Patent”			09-07-2016	09-07-2016
2016		State Level Workshop on “ Advanced Techniques to write and present Research Paper and Patent”	09-07-2016	09-07-2016
		State Level Workshop on “Android Application Development”	22-01-2016	23-01-2016
		FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016
		STTP on "R programming and data analytics"	14-11-2016	18-11-2016
		TEQIP on "Cyber security and forensic tools"	6-10-2016	8-10-2016
		FDP on "object oriented programming	14-06-2016	14-06-2014
2017		One week STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017
		Project Competition CODEX	29/03/2017	29/03/2017
		Android Apps Developemnt	12/6/2017	17/06/2017
		FDP on "practical exposure on Software Testing Using Open Source Tool	12-1-2017	13-1-2017
Mrs. Tanuja Lonhari		2015	Workshop on “Cisco Networking and Implementation”	08-09-2015

	2016	FDP on "Internet of Things"	28-11-2016	02-12-2016	
		STTP on "Outcome Based Approach to Teaching, Learning and Assessment in Engineering Education for Accreditation"	13-12-2016	17-12-2016	
		FDP on "Big Data Analytics Using Hadoop"	06-12-2016	10-12-2016	
		State Level Workshop on "Advanced Techniques to write and present Research Paper and Patent"	09-07-2016	09-07-2016	
		FDP on "Advanced Trends in Engineering and Education"	14-06-2016	16-06-2016	
		Two day National Workshop on "Accreditation Process for Technical Institutions"	15-12-2016	16-12-2016	
		State Level Workshop on "Android Application Development"	22-01-2016	23-01-2016	
	2017	One week STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017	
		FDP On Database Management System Laboratory	16/6/2017	16/06/2017	
Mrs. Shivganga Gavhane	2015	FDP on TE-Computer Networks	02-01-2015	04-01-2015	
		Workshop on "Cisco Networking and Implementation"	08-09-2015	09-09-2015	
		Network Programming and Protocol Analysis in LINUX (FDP)(MIT Alandi)	02-12-2015	04-12-2015	
	2016	FDP on "Recent Trends in Cryptography and Network Security" (COEP, Pune)	18-01-2016	22-01-2016	
		FDP on "Ethical Hacking using Kali Linux" (RMD Sinhgad COE, Pune)	15/2/16	16/2/16	
		FDP on "Advanced Trends in Engg. Education"	14-06-2016	16-06-2016	
		FDP on "Big Data Analytics Using Hadoop"	06-12-2016	10-12-2016	
		State Level Workshop on "Advanced Techniques to write and present Research Paper and Patent"	09-07-2016	09-07-2016	
		"One day workshop on cyber security"	10-09-2016	10-09-2016	
		TE QIP sponsored Workshop on "Cyber Security and Forensic tools"	06-10-2016	08-10-2016	
		FDP on "Internet of Things"	28-11-2016	02-12-2016	
	2017	One week STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017	
		National Summer Internship Program on "Android Application Development"	12-06-2017	17-06-2017	
	Mr Gaurav Gupta	2015-16	FDP on Digital electronics & logic design	18-06-2016	21-06-26
			FDP on "Big Data Analytics Using Hadoop"	06-12-2016	10-12-2016
State Level Workshop on "Advanced Techniques to write and present Research Paper and Patent"			09-07-2016	09-07-2016	
FDP on "Internet of Things"			28-11-2016	02-12-2016	

		One Day Faculty Development Program on “Fundamentals of Programming”-2	30-12-2016	30-12-2016
		FDP on Object Oriented Programming	21/12/2016	23/12/2016
	2016-17	One week STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017
		Project Competition CODEX	29/03/2017	29/03/2017
		Android Apps Developemnt	12/6/2017	17/06/2017
	2017-2018	FDP on Laboratory Praactice-II B.E (Comp) 2015 -Pattern	16/07/2018	18/07/2018
		FDP on Security Analyst QP in Association with NASSCOM	15/06/2018	19/06/2018
		FDP on IOT using Python	11/06/2018	15/06/2018
		One week Refresher Course on Machine learning	04/06/2018	09/06/2018
Dr. P.P. Halkarnikar	2016-17	FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016
	2017-18	Android Apps Developemnt	12/6/2017	17/06/2017
		FDP on "Mango DB and PL/Sql"	23/07/2017	
		scila implementation and hands on practice for engineers	18/12/2017	22/12/2017
Mrs.Sandhya Gundre	2015-16	Workshop on “Cisco Networking and Implementation”	08-09-2015	09-09-2015
	2016-17	FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016
		State Level Workshop on “ Advanced Techniques to write and present Research Paper and Patent"	09-07-2016	09-07-2016
		FDP on "Internet of Things"	28-11-2016	02-12-2016
		One Day Faculty Development Program on “Fundamentals of Programming”-2	30-12-2016	30-12-2016
		FDP on "Advanced Trends in Engineering&Education"	14/06/2016	16/06/2016
		One week National Level FDP on NS2&NS3	07/10/2016	11/06/2016
	2017-18	One week STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017
		Project Competition CODEX	29/03/2017	29/03/2017
		Android Apps Developemnt	12/6/2017	17/06/2017
		Five days FDP on Mathematical Modeling And Statistical Analysis in Engineering	20/06/2017	24/06/2017
Mrs. Abha Jain	2013	FDP ON Data Structure & Problem SolvingS.E.(Computer)	10/07/2013	10/07/2013
		FDP on leadership and life reinvention strategies	31/08/2013	01/09/2013
		FDP on Object Oriented and multicore Programming	14/12/2013	
	2014	Workshop on Qt opensource framework	15 /02/2014	15/02/2014
		Workshop on Soft Skills:A Tool for Personal & Professional Competence	19/06/2014	20/06/2014
	2016	state level workshop on cloud computing	18/02/2016	19/02/2016

		State Level Workshop on “ Advanced Techniques to write and present Research Paper and Patent”	09-07-2016	09-07-2016	
		STTP on "R programming and data analytics"	14-11-2016	18-11-2016	
		FDP on Advance Data Structure	15-12-2016	15-12-2016	
		FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016	
		FDP on "Advanced Trends in Engineering&Education"	14/06/2016	16/06/2016	
		FDP on Data Structure & Algorithm	11/06/2016	11/06/2016	
	2017	One week STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017	
		Project Competition CODEX	29/03/2017	29/03/2017	
		Android Apps Developemnt	12/6/2017	17/6/2017	
		FDP on Python Programming	21/12/2018	21/12/2018	
Ketaki Bhoyar	2014	FDP on Data Communication and Wireless Sensor Network	4/7/2014	5/7/2014	
		FDP on Network Programming and Protocol Analysis in Linux	2/12/14	4/12/14	
		Workshop on Wireless Sensor Network: Modelling and Simulation	07/08/14	09/08/14	
		FDP on Forensics and Cyber Applications	26/08/2014	26/08/2014	
	2015	Workshop on "Networking and cyber security"	26/06/2015	28/06/2015	
		Workshop on “Cisco Networking and Implementation”	08-09-2015	09-09-2015	
		Network Programming and Protocol Analysis in LINUX (FDP)(MIT Alandi)	02-12-2015	04-12-2015	
	2016	FDP on “Ethical Hacking using Kali Linux” (RMD Sinhgad COE, Pune)	15/2/16	16/2/16	
		FDP on "Advanced Trends in Engg. Education"	14-06-2016	16-06-2016	
		FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016	
		State Level Workshop on “ Advanced Techniques to write and present Research Paper and Patent”	09-07-2016	09-07-2016	
		"One day workshop on cyber security"	10-09-2016	10-09-2016	
		TE QIP sponsered Workshop on “ Cyber Security and Forensic tools”	06-10-2016	08-10-2016	
		FDP on "Internet of Things"	28-11-2016	02-12-2016	
	2017	One week STTP on Software Testing Using Open Source Tool	06-06-2017	10-06-2017	
		National Summer Internship Program on “Android Application Development”	12-06-2017	17-06-2017	
		Android Java Programming & Mobile Application Development	12-06-2017	16-06-17	
		Research Proposal, Paper, IPR & Patent Drafting	08-12-2017	09/12/2017	
	Ishwar Kalbandi	2015-16	Two Days Workshop on CISCO IBNC networking	08-09-2015	09-09-2015

	2016-17	State Level Workshop on “ Advanced Techniques to write and present Research Paper and Patent"	09-07-2016	09-07-2016
		State Level Workshop on “Android Application Development”	22-01-2016	23-01-2016
		FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016
		Advanced Trends in Engineering & Education	14-06-2016	16-06-2016
	2017-18	Software Testing Using Open Source Tool	06-06-2017	10-06-2017
		Project Competition CODEX	29/03/2017	29/03/2017
		Practical Exposure on Software Testing Using Open Source Tools	12/1/2017	13-01-2017
Android Apps Development		12/6/2017	17/06/2017	
Shilpi Arora	2016	One Day Faculty Development Program on “Fundamentals of Programming”-1		
		State Level Workshop on “ Advanced Techniques to write and present Research Paper and Patent"	09-07-2016	09-07-2016
		FDP on “Big Data Analytics Using Hadoop”	06-12-2016	10-12-2016
		FDP on "Internet of Things"	28-11-2016	02-12-2016
	2017	One Day Faculty Development Program on “Fundamentals of Programming”-2	30-12-2016	30-12-2016
		Software Testing Using Open Source Tool	06-06-2017	10-06-2017
		National Summer Internship Program on “Android Application Development”	12-06-2017	17-06-2017
Amol Dhakne	2013-2014	CSI sponsored Two Days Workshop on “Network Security” in association with SERCO as a knowledge partner organized by dept. of CSE at Deogiri Institute of Engineering and Management Studies, Aurangabad on 10th and 11th January, 2014	10-1-2014	11-1-2014
		Workshop on “Android Application Development” conducted by Geeks lab Technologies Pvt. Ltd. at Jawaharlal Nehru Engineering College, Aurangabad on 4th -5th April 2014.	4-4-2014	5-4-2014
	2014-2015	IETE Sponsored One Week Short Term Training Program on “Big Data Analytics” organized by Department of Information Technology at P.E.S. College of Engineering, Aurangabad during 2nd – 6th June, 2014	2-6-2014	6-6-2014
	2015-2016	Two Days Training Program on “Microsoft Multiple Faculty Connect Training on Microsoft Azure” organized by Government College of Engineering, Amravati and Microsoft India on 18th and 19th March, 2016.	18-3-2016	19-3-2016
	2016-2017	One Day Workshop on “Patents and Innovations” organized by Government College of Engineering under TEQIP-II on 2nd July 2016.	2-7-2016	2-7-2016

		Program Secretary for Two days National Level Seminar going held on “Machine Learning Algorithms for Big Data Analytics” (Approved by SPPU under QIP) at Flora Institute of Technology, Pune during 19th -20th March 2017. (Attended and Organized)	19-3-2017	20-3-2017
		Two days National Level Seminar on “Qualitative Research Methodology with Standard Mathematical Modeling and its Real Time Applicability” at RMD Sinhgad School of Engineering, Pune on 20th and 21th January 2017.	20-1-2017	21-1-2017
Manisha Bhende		Software Testing Using Open Source Tool	06-06-2017	10-06-2017
	2017	National Summer Internship Program on “Android Application Development”	12-06-2017	17-06-2017
Rachana Mudholkar	2017-18	1 week FDP on "Image Processing :Advances And Research Challenges" at Sinhgad College of Engineering , Vadgaon (Bk), Pune	11/12/2015	11/12/2017
	2017-18	Python Programming	21/12/2017	21/12/2017
Mr. Vishal Wagh	2015-16	FDP on "Design and Analysis of algorithm"	8/6/2015	12/6/2015
		FDP on "Research Trends in Computer Engineering"	3/11/2015	7/11/2015
	2016-17	FPD on "Computer Organization and Architecture"	24/6/2016	24/6/2016
		FDP on "Microprocessor Laboratory"	23/12/2016	23/12/2016
	2017-18	FDP on "Advanced Java Programming and Mobile Application Development"	12/06/2017	16/06/2017
		FDP on "Embedded system and Internet of Things"	18/12/2017	23/12/2017

10. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (give details):

- **Chairman - 02**
- **Paper Setter-02**
- **External Examiner-50**
- **Assessor-32**
- **Moderator-01**

11. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Sr. No.	Academic Year	Name of Faculty	Award Received (National, State level by Govt. Bodies/ any recognized bodies)
1	2015-16	Mrs. P. P. Shevatekar	Session chair of national conference NCRTTT-2015 on 22nd & 23rd january 2015
2	2016-17	Mr. Ishwar Kalbandi	Awarded as Reviewer Team member for IJRISE

3	2016-17	Nareshkumar R. M	Awarded as Editorial Team member for IJRISE
4	2016-17	Dr.Mrs. Manisha Bhende	Certificate of Reviewing awarded (The Editors of VEHICULAR COMMUNICAIONS)
5	2017-18	Dr.Mrs. Manisha Bhende	Invitation as a Session Chair for the 3rd International Conference on Computing Communication Control and Automation - ICCUBEA 2017
6	2018-19	Mrs. P. P. Shevatekar	Contributed as Resource Person in "Faculty Orientation Workshop" on the Subject "Artificial Intelligence" held on 13th 2018
7	2018-19	Mrs. P. P. Shevatekar	ICCUBEA-2018 Letter of Appreciation as a Reviewer
8	2018-19	Mr. Ishwar Kalbandi	Certificate of Excellence in Reviewing in recognition of an outstanding contribution to the quality of the Journal "Journal of Advances in Mathematics and Computer Science" Certificate No.SDI/HG/PRE/CERT/39635/ish
9	2018-19	Mrs.Pooja Mishra	Selected as a reviewer for Majlesi Journal of Electrical Engineering
10	2018-19	Amol R. Dhakne	Reviewer for Open Computer Science Journal (SCOPUS Indexed and ESCI Indexed International Journal)
11	2018-19	Dr.Mrs. Manisha Bhende	ICCUBEA-2018 Letter of Appreciation as a Reviewer (4th International Conference on Computing Communication Control and Automation - ICCUBEA 2018)
12	2018-19	Dr.Mrs. Manisha Bhende	Invitation as a Session Chair for the 4th International Conference on Computing Communication Control and Automation - ICCUBEA 2018
13	2018-19	Dr.Mrs. Manisha Bhende	Regarding cinduction of session for AICTE-ISTE Induction/Refresher course

12. Awards / Prizes and recognitions received by teachers at university, state, national and international level: **Yes**

Academic Year	Name of Faculty	Award Received (National, State level by Govt. Bodies/ any recognized bodies)
----------------------	------------------------	--

2017-18	Nareshkumar R. M	Awarded as Certified Trainer on Android Application Development by N.S.D.C National Skill Development Corporation & Skill India organized by Telecom Sector Skill Council, at Google, Gurgaon, Haryana. QP No.: TEL/Q2300.
2017-18	Mrs. P. P. Shevatekar	Has uploaded review for ONLINE MARKET RECOMMENDATION FOR FARMER
2017-18	Dr.Mrs. Manisha Bhende	Invitation as a Session Chair for the 3rd International Conference on Computing Communication Control and Automation - ICCUBEA 2017
2017-18	Dr.Mrs. Manisha Bhende	GCKE-2017, Qingdao, China. (Speech on about Smart Computing and Information Technology at GCKE-2017

Academic Year	Name of Faculty	Award Received (National, State level by Govt. Bodies/ any recognized bodies)
2016-17	Mily Lal	Elite Certified for Programming, Data Structures and Algorithms using Python (NPTEL, IIT Madras)
2016-17	Suvarna Patil	Awarded in Top 5 % topper list with Elite certificate for successfully completion of the course on “Wireless Ad Hoc and Sensor Networks” by NPTEL Online Certification.
2016-17	Mr. Ishwar Kalbandi	Awarded as Reviewer Team member for IJRISE
2016-17	Nareshkumar R. M	Awarded as Editorial Team member for IJRISE
2016-17	Dr.Mrs. Manisha Bhende	Certificate of Reviewing awarded (The Editors of VEHICULAR COMMUNICAIONS)

Academic Year	Name of Faculty	Award Received (National, State level by Govt. Bodies/ any recognized bodies)
2015-16	Mr. Amol Dhakne	GATE EXAM QUALIFIED in March 23,2016
2015-16	Mily Lal	Certified Python Basics Professional (26 th April,2016)
2015-16	Mrs. P. P. Shevatekar	Session chair of national conference NCR TTT-2015 on 22nd & 23rd january 2015

Academic Year	Name of Faculty	Award Received (National, State level by Govt. Bodies/ any recognized bodies)
2014-15	Ms. Ketaki Bhoyar	Awarded the best paper award for paper titled “Feature level Fusion Based Multibiometric cryptosystem using Fuzzy vault for wired network”
2014-15	Mr. Amol Dhakne	Admitted to the full time Phd Prgrams under TEQIP-II.
2014-15	Mr. Amol Dhakne	GATE EXAM QUALIFIED in March 27,2015
2014-15	Mrs. Suvarna Patil	Appreciation Letter- Session chair for Web & Android Application, Image processing & Bio-informatics on 22nd and 23rd January 2015 in DYPCOE, Pune

13. Awards and Prizes received by students at university, state, national and international level:

Academic Year	Name of Student	Branch	Achievements
2014-15	Saad Memon	Computer	Rank 1 for Best Project competition organized by CSI
	Saad Memon	Computer	All India Rank 2 in National Project Competition conducted by CSI
	Saad Memon	Computer	All India Rank 1 in NATIONAL Project Competition conducted by Sandip Foundation Nashik
2015-16	Saad Memon	Computer	All India Rank 1 in National Project Competition conducted by IETE
	Saad Memon	Computer	Created Mini Super Computer During Engineering
	Saad Memon	Computer	Representative of SPPU in inter-University Research Competition “Avishkar 2016”
	Tanisha Sarraf	Computer	Secured 5 th Rank in SPPU Merit List
2016-17	Team: ITRIX, Team CODUX	Computer	Got 2 nd Runner up and won Certificate of honor in “IOT using Arduino” Held at IIT Roorkee
		Computer	
	2 Teams	Computer	Participated in “Smart India Hackathon 2017”
	Akash Jadhav	Computer	Created “Smart Attendance app” and got consolation prize in national project competition, nashik
2017-18	Akshada Babar	Computer	Team Got First Prize in Tech Innovita 2017 organized by Barclays
	Pragati Naikare	Computer	Silver medal in 10m Air rifle women final in 34 th Maharashtra State Shooting Championship
	Pragati Naikare	Computer	Bronze medal in 10m-12m rifle women final in 34 th Maharashtra State Shooting Championship
	4 Teams	Computer	Participated in “Smart India Hackathon 2018”
2018-19	Pragati Naikare	Computer	Secured First Position in Zonal Rifle shooting organized by SPPU
	Abhi Singh	Computer	Got Selected In TCS with 7 lakhs package (Scored in top 5 Rankers all over india)

14. Details of Seminars/ Conferences/Workshops/FDP organized at university, state, national and international level and the source of funding with details:

Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	University/State/National/ International	Dates
Three days Faculty Development Program on "Web Technology"	BCUD	70	University	13/12/2017 to 15/12/17
Two day Training Program on Introduction on COE-CORE Practice	-	12	-	03/08/17 to 04/08/17
AICTE & ISTE Approved one week STTP Programme	-	56	National	06/06/17 to 10/06/17
One Week National Summer Internship Programme on Android App Development	-	46	National	12/06/17 to 17/06/17
Two days National Level Workshop on "Internet of Things"using Arduino	-	62	National	03/01/17 to 04/01/17
Big Data Analytics using Hadoop	-	57		06/12/16 to 10/12/16
One day State Level Workshop on Advanced Techniques to write and Present Research Paper and Patent	--	72	State	9/7/2016
One day Workshop on Mobile Repairing	--	80		06/01/15

Two days Workshop on Latex	--	32		17/2/14 to 18/2/14
One day Workshop on PC Assembly		30		27/7/13

15. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D.Lit.: **02**

16. Curricular Aspects:

- Does the department offer program with sufficient no. of electives options. **Yes**
- While framing curriculum, is feed-back taken from stakeholder's viz. Students/Alumni/Parents/Employers considered? **Yes**
- Number of teachers preparing & following Academic Teaching plan: **21**
- Do you offer Bridge/Remedial courses? If yes, Give details. **Yes.**

17. What is the method for conducting internal evaluation?

Unit Test1 and Unit Test2, Prelim, Insem/Online, Attendance, Presentation/Oral/Mock

18. Teacher Performance:

- Whether the performance of the teacher assessed by the students? If yes, are the feedback reports analysed and suggestions communicated to teachers? **Yes**
- Whether suggestion boxes are kept in the department to get suggestions from students on infrastructural facilities available in the department? **Yes**
- Do teachers submit Self-Appraisal Reports? Are these reports appraised by HOD and forwarded to the Principal with comments? **YES**
- What is the Departmental average Appraisal Score ____? How many teachers have Appraisal Score or Grade Excellent, Very Good, Good and Satisfactory?

Departmental Average Appraisal Score is **Excellent.**

No. of Teachers Scored Excellent = **18**

No. of Teachers Scored Very Good = **01**

19. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Activities organized by the department for the Students

Year	Seminar/Webinar	Guest Lectures	Industrial Visit	Orientation Program	Workshop
2013-14	-	3	-	-	2
2014-15	1	9	3	1	1
2015-16	-	7	3	1	3
2016-17	1	14	3	1	-
2017-18	-	18	2	1	2
2018-19	-	8	1	1	4

B. ADMINISTRATIVE AUDIT

20. Department-wise Student Teacher Ratio (*Last 5 Years*):

Academic Year	Ratio
2017-18	1:20
2016-17	1:17
2015-16	1:15
2014-15	1:12
2013-14	1:10

21. Number of teaching posts sanctioned, filled and vacant (*Last 5 Years*):

Academic Year	Number of Teachers	Sanctioned	Filled
2018-19	21	21	21
2017-18	24	24	24
2016-17	24	24	24
2015-16	19	19	19
2014-15	12	12	12
2013-14	07	07	07

22. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary) (*Last 5 Years*):

Sr. No.	Name of Staff Member	Designation	Qualification	Teaching Experience
1	Mrs. P. P. Shevatekar	Asst.Prof.	M.E.	24
2	Dr. P P Halkarnikar	Asso.Prof.	Ph.D	27
3	Dr. Mrs. Manisha S Bhende	Asso. Prof.	Ph.D	18
4	Mrs. Shivganga Gavhane	Asst.Prof.	M.E.	7
5	Miss. Ketaki Bhoyar	Asst.Prof.	M.E.	3
6	Mrs. Akanksha Goel	Asst.Prof.	M.Tech	4
7	Mr. Ishwarappa R kalbandi	Asst.Prof.	M.Tech	7
8	Mrs. Suvarna A Patil	Asst.Prof.	M.E.	12
9	Mrs. Tanuja Lonhari	Asst.Prof.	M.E.	7
10	Mrs. Mily Lal	Asst.Prof.	M.Tech	6.5
11	Mr. Naresh Kumar	Asst.Prof.	M.Tech	9
12	Mrs. Sandhya Gundre	Asst.Prof.	MTech	2
13	Mrs. Nalini Yadav	Asst.Prof.	M.E.	2.6
14	Mr. Anil Kumar Hulsure	Asst.Prof.	M.Tech	6
15	Mrs. Abha Jain	Asst.Prof.	M.Tech	9
16	Mrs. Amruta Chore	Asst.Prof.	M.E.	4
17	Mrs. Mohini Avatade	Asst.Prof.	M.E.	5
18	Mrs. Neha R Tiwari	Asst.Prof.	M.Tech	3
19	Mrs. Pooja A Mishra	Asst.Prof.	M.E.	9
20	Mrs. Shilpi Arora	Asst.Prof.	M.E.	2
21	Mr. Gaurav Gupta	Asst.Prof.	M.Tech	4
22	Mr. Amol R Dhakane	Asst.Prof.	M.E.	6.1
23	Mr. Tanmoy Hazra	Asst.Prof.		4
24	Ms. Rachana Mudholkar	Asst.Prof.	M.Tech	2.1

23. Number of academic support staff (technical) and administrative staff sanctioned, filled and vacant:

Sr. No.	Posts	Sanctioned posts	Filled	Actual
1	Laboratory Assistant	06	06	06
3	Laboratory Attendant	-	-	-
4	Peon	06	01	01

24. Student profile programme-wise at UG (*Last 5 Years*):

UG/PG	Year	Total
UG	2017-18	430
UG	2016-17	347
UG	2015-16	286
UG	2014-15	142
UG	2013-14	73

25. Year-wise results of students at UG:

UG	Year	Appeared	Passed	Pass %
B.E	2017-18	125	124	99.2
B.E	2016-17	67	65	97.01
B.E	2015-16	63	62	98.41

26. Student progression/ placement record: Number/ percentage of students proceeded for higher studies Number/percentage of students placed:

Year	% proceeded for higher studies	% of students placed
2017-18	5	68
2016-17	3	82
2015-16	3.22	90

27. Present details of departmental infrastructural & other facilities with regard to

- a) Details about Library Committee : Mr. Gaurav Gupta
- a) Central Library Books and Journals, etc, relevant to Department: 276
- b) Online (books, journals etc.) Subscribed : NIL
- c) Computers and Internet facilities for staff : Yes, 63 Mbps
- d) Total number of class rooms : 5
- e) Class rooms with ICT facility : 05
- f) Students' laboratory : 12
- g) Research laboratories : NIL
- j) Any other facility LCDs, : Yes

28. Number of students cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give Category wise data.

Year	GATE	Other Exams	Total
2017-18	02	03GRE	05
2016-17	02	-	02
2015-16	-	02GRE	02

29. Diversity of Faculty:

Teaching faculty	%
from the same university	57.14
from other universities within the State	0.047
from other States	38.09
from outside the country	00

Declaration by the Head of the Department

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.


Head of Department HEAD
 Department of Computer Engineering
 Dr. D.Y. Patil Institute of Engineering,
 Management & Research, Akurdi, Pune - 411 04

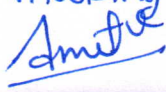
Date:



Auditor 1

1. Excellent academic results.
2. Centre of excellence is present & good track record of placement.


Auditor 2

1. To promote student application based skill, model making competition shall be organised.
2. Faculty and students NPTEL participation is good. 

Dr. D. Y. Patil Pratishthan's



**DR. D. Y. PATIL INSTITUTE OF ENGINEERING,
MANAGEMENT & RESEARCH**

Approved by A.I.C.T.E, New Delhi , Maharashtra State Government, Affiliated to
SavitribaiPhule Pune University

Sector No. 29, PCNTDA ,NigidiPradhikaran, Akurdi, Pune 411044. Phone: 020-27654470, Fax: 020-
27656566

Website :www.dypiemr.ac.in Email : principal.dypiemr.ac.in

ACADEMIC & ADMINISTRATIVE AUDIT REPORT

ACADEMIC YEAR: 2017-2018

(Provide information for last five years from 2013-14 to 2017-18)

A. ACADEMIC AUDIT

1. Name of the Department: **Electronics and Telecommunication Engineering**
2. Year of establishment: **2012**
3. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify: **Choice Based Credit System**
4. Participation of the department in the curriculum development for courses offered by the University.- **Yes**
5. Information about research grants, projects completed and ongoing from National funding agencies (like BCUD, UGC, DST)(*Last 5 Years*):**Nil**
6. Publications (*Last 5 Years*):

Academic Year	SCOPUS, Web of Science Indexing Papers	Citations	<i>h</i> -index	Impact factor range/Average Impact factor
2017-18	2	5	46	4.19
2016-17	0	6	20	4.91
2015-16	0	2	3	4.47
2014-15	0	0	0	0
2013-14	0	0	0	0

7. Details of patents filed & granted and revenue income generated:

Sr. No.	Name of the Patents Filed	Year
1	TESLA ROOM	2017-18
2	AUTOMATIC BABY SLEEPING CRADLE	

8. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at state, national and international levels.-

Sr. No.	Name of the teacher	Name of Refresher courses, Orientation courses, guest lectures, Seminars, Workshops, Conferences	Place	Date
1	Mrs.Priya charles	Analog CMOS Design, guest lecture	PG,DYPCOE	25/4/18
2	Mrs. Amruta chore	Tour to Socket Programming, Guest Lecture	Computer dept. DYPIEMR	10/09/2018
3	Mrs. Amruta chore	Judge for CN Model/Video making competition	Computer dept. DYPIEMR	22/09/18
4	Mrs Sandhya Shinde	Judge for Project Competition	DYPP	27/1/2017

9. Details of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.(participant, presented paper, chaired the session)(Last 5 Years):

Refresher courses, Orientation courses, Seminars, Workshops, FDP attended:

Conference participation details: 35

Sr. No.	Year	Count of Participated in conference
1	2018	14
2	2017	1
3	2016	16
4	2015	3
5	2014	1

FDP/Workshop/Training /Orientation Courses Attended : 227

Sr. No.	Year	Count of Participated FDP
1	2017-18	111

2	2016-17	79
3	2015-16	13
4	2014-15	14
5	2013-14	10

Seminar: 11

Sr. No.	Year	Count of Participated Seminar
1	2017-18	11

10. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (give details)

Sr. No.	Name of the teacher	University level/State level, National level/International level bodies	Role	year
1	Mrs. Priya Charles	University	Paper setter	2017-18

11. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels:

Sr. No.	Name of the teacher	University level/State level, National level/International level	Role	year
1	Mrs. Priya Charles	University	Reviewer	2017-18
2.	Mrs. Amruta Chore	International	reviewer	2018-19

12. Awards / Prizes and recognitions received by teachers at university, state, national and international level:Nil

Sr. No.	Name of the teacher	University level/State level, National level/International level	Name of the award	year
1	Mrs. Lakshmipraba Balaji	National level	NPTEL Certification "ELITE"	2017-18
2	Mr. Lokesh Giripunje	National level	NPTEL Certification "ELITE"	2017-18
3	Mrs. Amruta Chore	National level	NPTEL Certification "ELITE"	2017-18
4	Mrs. Prajakta Jadhav	National level	NPTEL Certification "ELITE"	2017-18

5	Mrs. Dnyanda Hire	National level	NPTEL Certification “ELITE”	2017-18
---	-------------------	----------------	--------------------------------	---------

13. Awards and Prizes received by students at university, state, national and international level:

Sr. No.	Name of the Student	University level/State level, National level/International level	Name of the award	year
1	Kamlesh Kale Jayesh Ramane Juned Mulani	State level, Gadgetron 2K18 in association with IETE Students Forum	Project competition 3 rd prize	2017-18

14. Details of Seminars/ Conferences/Workshops/FDP organized at university, state, national and international level and the source of funding with details:

Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	University/State/National/ International	Dates
FDP on Image Processing Using Raspberry Pi and Robotics	Pantech Pro ed Ltd	45	State	5th June to 9th June 2017
FDP on Human Values and Professional Ethics (STTP)	ISTE	48	National	11 th to 15 th December 2017
FDP on IOT Using Python	Microsoft Imagine Academy	50	State	11 th to 15 th June 2018
FOW on Faculty Orientation Workshop on BE (E&TC/Elex) Revised Syllabus 2015 course under the aegis of BoS Electronics, Savitribai Phule Pune University	SPPU	41	University	13th July 2018

15. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D.Lit.: **Nil**

16. Curricular Aspects:

- a) Does the department offer program with sufficient no. of electives options. - **Yes**
- b) While framing curriculum, is feed-back taken from stakeholder's viz. Students/Alumni/Parents/Employers considered? - **Yes**

c) Number of teachers preparing & following Academic Teaching plan – 12

d) Do you offer Bridge/Remedial courses? If yes, Give details.

Year	Attendee	Subjects
2013-14	SE	SE subjects
2014-15	SE,TE	SE,TE subjects
2015-16	SE,TE,BE	SE,TE ,BE subjects
2016-17	SE,TE,BE	SE,TE ,BE subjects
2017-18	SE,TE,BE	SE,TE ,BE subjects

17. What is the method for conducting internal evaluation?

Roll No	Name of Students	Attendance	Assign 1	Assign 2	UT1	UT 2	Prelim	mock	Avg
Mark s									

18. Teacher Performance:

- Whether the performance of the teacher assessed by the students? If yes, are the feedback reports analysed and suggestions communicated to teachers? **Yes**
- Whether suggestion boxes are kept in the department to get suggestions from students on infrastructural facilities available in the department? **Yes**
- Do teachers submit Self-Appraisal Reports? Are these reports appraised by HOD and forwarded to the Principal with comments? **Yes**
- What is the Departmental average Appraisal Score **Excellent** How many teachers have Appraisal Score or Grade A, B, C and D?

Grade	Total no. of Faculty
Excellent	10
Very Good	1

19. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Guest Lectures: 38

Sr. No.	Year	Count of Conducted Guest Lecture
1	2017-18	17

2	2016-17	13
3	2015-16	01
4	2014-15	04
5	2013-14	03

Workshop: 10

Sr. No.	Year	Count of Conducted Workshop
1	2017-18	6
2	2016-17	4

Seminar : 15

Sr. No.	Year	Count of Conducted Seminar
1	2017-18	04
2	2016-17	03
3	2015-16	04
4	2014-15	04

B. ADMINISTRATIVE AUDIT

20. Department-wise Student Teacher Ratio (*Last 5 Years*):

Academic Year	No.of Students	No.of Faculties	Student Teacher Ratio
2017-18	207	11	1:19
2016-17	204	11	1:19
2015-16	214	10	1:21
2014 –15	145	8	1:18
2013-14	76	5	1:15

21. Number of teaching posts sanctioned, filled and vacant (*Last 5 Years*):

Number of Teachers	Filled
--------------------	--------

2017-18	12
2016-17	12
2015-16	11

22. Faculty profile with name, qualification, designation, experience, nature of appointment(confirmed/ probation/temporary)(Last 5 Years):

Name	Designation	Qualifications	Teaching/Research Experience
Mrs. Priya Charles	Assistant Professor	ME	18 yrs
B.Lakshmipraba	Assistant Professor	ME	14 yrs
Amruta Chore	Assistant Professor	ME	7.5 Years
Sandhya Shinde	Assistant Professor	ME	7.7 Years
Prajakta Jadhav	Assistant Professor	ME	7.4 Years
Amruta Nikam	Assistant Professor	ME	7.8
Shweta Suryawanshi	Assistant Professor	ME	6.4
Neha Tiwari	Assistant Professor	M Teech	5.9
Lokesh Giripunje	Assistant Professor	ME	6.5
Mrs. D. N. Hire	Assistant Professor	ME	6

23. Number of academic support staff (technical) and administrative staff sanctioned, filled and vacant:

Sr. No.	Posts	Filled
1	Laboratory Assistant	04
3	Laboratory Attendant	00

4	Peon	01
---	------	----

24. Student profile programme-wise at UG (*Last 5 Years*):NT

A.Y 2013-14

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total	Year
UG	76	76	60	39	37	76	2013-14

A.Y 2014-15

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total	Year
UG	76	76	60	39	37	76	2014-15
UG	69	69	60	37	32	69	2014-15

A.Y 2015-16

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total	Year
UG	76	76	60	51	25	76	2015-16
UG	69	69	60	34	35	69	2015-16
UG	68	68	60	36	32	68	2015-16

A.Y 2016-17

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total	Year
UG	75	75	60	43	32	75	2016-17
UG	58	58	60	28	30	58	2016-17

25.

26.

A.Y 2017-18

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total	Year
-------	-----------------------	--------------------------	-----------------	------	--------	-------	------

UG	67	67	60	41	26	67	2017-18
UG	75	75	60	41	34	75	2017-18
UG	65	65	60	38	27	65	2017-18

27. Year-wise results of students at UG: AC

UG	Year	Appeared	Pass	% Pass
BE	2017-18 (Sem 1)	65	45	69.23
	2017-18 (Sem 2)	65	58	89.23
	2016-17 (Sem 1)	58	40	68.96
	2016-17 (Sem 2)	58	1	98.27
	2015-16 (Sem 1)	68	67	98.52
	2015-16 (Sem 2)	68	63	92.64
	2014-15 (Sem 1)	--	--	--
	2014-15 (Sem 2)	--	--	--
	2013-14 (Sem 1)	--	--	--
2013-14 (Sem 2)	--	--	--	

28. Student progression/ placement record: Number/ percentage of students proceeded for higher studies Number/percentage of students placed:

Year	% proceeded for higher studies	% of students placed
2016	7.35	66.17
2017	12.06	72.41
2018	1.53	26.15

29. Present details of departmental infrastructural & other facilities with regard to
a) Details about Library Committee:

The undersigned is pleased to appoint the departmental library committee for effective functioning of departmental library for academic Year 2018-19.

SR.NO.	NAME	DESIGNATION	DEPARTMENT
1	Mrs. Amruta Chore	Coordinator	E&TC
2	Mrs. Pallvi Dond	Co-Coordinator	E&TC
3	Mr. Himanshu Sarkar	Member (BE)	E&TC

4	Mr. Vijay Karewar	Member (BE)	E&TC
5	Mr. Vishal Naphade	Member (TE)	E&TC
6	Ms. Pratiksha Mane	Member (TE)	E&TC
7	Mr. Abhishek Jadhav	Member (SE)	E&TC
8	Mr. Chaitnya Harde	Member (SE)	E&TC

b) Central Library Books and Journals, etc, relevant to Department:

Journal: 06

Books: Titles-284, Volumes-1441

Journal Name	Pub	Frq
Journal of Electronic Network devices and field	Enriched pub	3
Journal of Microwave Engineering and technologies	STM Journal	3
International journal of Electrical power system and technology	Journals Pub	2
International journal of Broadband cellular communication	Journals Pub	2
International journal of Micro and Nano electronics, circuits and system	Serials Pub	2
Journal of High performance communication System and Networking	Serials Pub	2

c) Online (books, journals etc.)Subscribed:

Journal Name	Count
IEEE	169
JGATE	576
Science Direct	62
Springer	78
Total	832

- d) Computers and Internet facilities for staff : 46
e) Total number of class rooms : 2
f) Class rooms with ICT facility : 2
g) Students' laboratory : 9
h) Research laboratories :1
j) Any other facility LCDs, :3

30. Diversity of Students : (Year-wise)NT

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
UG				

31. Number of students cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give Category wise data. **LG**

Year	NET/SET	GATE	Other Exams	Total
2016	0	1	0	1
2017	0	0	0	0
2018	0	0	0	0

32. Student progression/ placement record: Number/ percentage of students proceeded for higher studies Number/percentage of students placed:

Year	% proceeded for higher studies	% of students placed
2016	7.35	66.17
2017	12.06	72.41
2018	1.53	26.15

33. Diversity of Faculty:

Teaching faculty	%
from the same university	28%
from other universities within the State	63%
from other States	9%
from outside the country	-

Declaration by the Head of the Department

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Declaration by the Head of the Department

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Praveencharles

Head of Department

HEAD

Department of E & T. C. Engineering
Dr. D.Y. Patil Institute of Engineering
Management & Research, Akurdi, Pune - 41

Date:



Auditor 1

1. Well equipped laboratory
2. Participation of faculty, students in NPTEL courses & F.D.P.

SS
Dr. S.S. Kore

Auditor 2

1. As understanding about electronic ckt is very important, student shall prepare their required ckt and for experiments.
2. More Pedagogical activities shall be planned for better subject understanding.

Amit U
(A.M. Umbrajkar)

Dr. D. Y. Patil Pratishthan's



DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT & RESEARCH

Approved by A.I.C.T.E, New Delhi , Maharashtra State Government,

Affiliated to SavitribaiPhule Pune University

Sector No. 29, PCNTDA ,NigidiPradhikaran, Akurdi, Pune 411044. Phone: 020-27654470, Fax: 020-27656566 Website : www.dypiemr.ac.in Email : principal.dypiemr.ac.in

ACADEMIC & ADMINISTRATIVE AUDIT REPORT

ACADEMIC YEAR: 2017-2018

(Provide information for last five years from 2013-14 to 2017-18)

A. ACADEMIC AUDIT

1. Name of the Department: First Year Engineering
2. Year of establishment: 2012
3. Examination System: Credit and Grading system

Sr. no.	Year	Examination system
1	2017-18	Credit and Grading system
2	2016-17	Credit and Grading system
3	2015-16	Credit and Grading system
4	2014-15	Semester
5	2013-14	Semester

4. Participation of the department in the curriculum development for courses offered by the University. Nil
5. Information about research grants, projects completed and ongoing from National funding agencies (like BCUD, UGC, DST) (*Last 5 Years*):

Research fund/Academic Year	Name of the Principal Investigator	Title of the project	Funding agency, Duration & date of sanction	Amount(Lakh)
2016-17	Dr Minaz Alvi	Low cost natural draft cooling Tower	BCUD SPPU Pune	Total :1,40000Rs 70000Rs
2017-18				70000Rs

6. Publications (*Last 5 Years*):

Year	Web of Science	UGC Approved	Google Scholar	National Journal	International Conference	Total
2018-19	01	--	---	--	--	01
2017-18	03	--	04	01	--	03
2016-17	04	--	07	--	01	04
2015-16	10	--	--	--	01	10
2014-15	10	--	--	--	--	10
2013-14	4	--	--	--	01	4

7. Details of patents filed & granted and revenue income generated: 01

Sr. No.	Applicant / Inventor Name	Title	Application Number	Date of Application	Status (Filed/Published/Granted)
1	Prof S H Pawar And Dr V M Khot	Preparation of nanofluid based on core-shell ferrimagnetic nanoparticles	2252/MUM/2014	July 2014	Published

8..Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Academic Year	Name of Faculty	Details
2016-17	Dr Vandana B patil	Invited in Rayat Inspire workshop in Mahatma Phule arts commerce science college pimpri Pune

9 .Details of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.(participant, presented paper, chaired the session) (*Last 5 Years*):

Academic Year 2013-14

Sr. No.	Name of the staff	Name of the FDP/STTP/Workshop Attended	Date & Days
1	Mr. B.S. Gujar	Leadership and life reinvention strategy	31 st August to 1 st September 2013 (2 days)

2	Mrs. Swati Joshi	Faculty orientation workshop on IC	2-7 Dec 21013
3	Mrs. Swati Joshi	Faculty orientation workshop on IC	2-7 Dec 21013
4	Mrs. Swati Joshi	Leadership and life reinvention strategies	31 st August to 1 st September 2013 (2 days)
5	Ms. Vandana Patil	International conference on advanced nanomaterial and nanotechnology	24-26 July 2017
6	Dr. Shilpi Sahana	Leadership and life reinvention strategies	31 Aug 2013
7	Dr.Neha Sharma	Leadership and life reinvention strategies	31 Aug 2013

Academic Year 2014-15

Sr. No.	Name of the staff	Name of the FDP/STTP/Workshop Attended	Date & Days
1	Dr. Shilpi Sahana	Soft Skills workshop	19-20 June 2014
2	Dr.Neha Sharma	Soft Skills workshop	19-20 June 2014

Academic Year 2015-16

Sr. No.	Name of the staff	Name of the FDP/STTP/Workshop Attended	Date & Days
1	Ms.Vandana Patil	International conference on Functional materials	9-11 March 2015
2	Ms.Vandana Patil	State level Avishkar by SPPU	14 sep 2015 and 22 Oct 2015

Academic Year 2016-17

Sr. No.	Name of the staff	Name of the FDP/STTP/Workshop Attended	Date & Days
1	Mr.B.S. Gujar	National Teachers congress Inspiring teachers strengthening Generations	23 rd September to 25 th September 2106 (3 days)
2	Mrs.Swati joshi	Arduino Concepts in Pogramming	16-17 Dec 2016
3	Mrs.Swati joshi	Revised Syllabus On ECM	9-11 June 2016
4	Mrs.Swati joshi	Syllabus Detailing of EEE	5 oct 2016
5	Mrs.Neha Urkude	Arduino Concepts in Pogramming	16-17 Dec 2016
6	Mrs.Neha Urkude	Revised Syllabus On ECM	9-11 June 2016
7	Mrs.Neha Urkude	Syllabus Detailing of EEE	5 oct 2016
8	Mrs.Krishna Raut	Advanced Techniques to Write and Present	9 th July 2016

		Research Paper and Patent	
9	Dr (Mrs) V R Daddi	one day workshop on “Teaching strategies and Syllabus discussion on Engineering Mathematics III” for S.E.(Sem-I 2015 credit course) organized by Dr. D. Y. Patil Institute of Engineering and Technology, Pimpri, Pune in association with Board of Studies, Engineering Sciences, SPPU on.	25 th June, 2016
10	Dr (Mrs) V R Daddi	Advanced Techniques to Write and Present Research Paper and Patent	9 th July 2016
11	Dr (Mrs) V R Daddi	Two days National workshop on “Accreditation Process for Technical Institutions” organized by D. Y. Patil School of Engineering, Pune held on 15 th and 16 th December, 2016.	15 th and 16 th December, 2016.
12	Ms.Vandana Patil	Advanced functional materials and technology	14Feb 2016
13	Ms.Vandana Patil	Advanced Techniques to Write and Present Research Paper and Patent	9 th July 2016
14	Mr.Sachin Jamadar	Teaching strategies and Syllabus discussion on Engineering Mathematics III	25 th June, 2016
15	Mr. Sachin Jamadar	Advanced Techniques to Write and Present Research Paper and Patent	9 th July 2016

Academic Year 2017-18

Sr. No.	Name of the staff	Name of the FDP/STTP/Workshop Attended	Date & Days
1	Mr.B.S. Gujar	Role of Mathematical Modeling and Statistical analysis in Engineering	20 th June to 24 th June (1 week)
2	Mr.B.S. Gujar	NPTEL Awareness Workshop	19 th January 2017 (1 day)
3	Mrs.Swati joshi	Role of Mathematical Modelling and Statical Analysis in Engineering	20-26 June 2017
4	Mrs.Swati joshi	Image Processing Using Raspberry Pi and Robotics	5 June 2017
5	Mrs.Swati joshi	Enhance Learning Through Various Audits In Electrical Engineering	24-30 April 2017
6	Mrs.Neha Urkude	Role of Mathematical Modelling and Statical Analysis in Engineering	20-26 June 2017
7	Mrs.Neha Urkude	Enhance Learning Through Various Audits In Electrical Engineering	24-30 April 2017
8	Mrs.Krishna Raut	Role of Mathematical Modeling and Statistical analysis in Engineering	20-26 June 2017
9	Dr (Mrs) V R Daddi	Role of Mathematical Modeling and Statistical analysis in Engineering	20-26 June 2017
10	Ms.Vandana Patil	International conference on nanoscience and nanotechnology	11-14 July 2017
11	Dr.Neha Sharma	Role of Mathematical Modeling and Statistical analysis in Engineering	20-26 June 2017
12	Mr. Sachin Jamadar	Teaching strategies and syllabus discussion on Engineering Mathematics III (Mechanical	
13	Mr. Sachin Jamadar	Role of Mathematical Modeling and Statistical analysis in Engineering	20-26 June 2017

14	Mr. Sudhir N. Narale	Teaching strategies and syllabus discussion on Engineering 15 Mathematics III (Mechanical)	
15	Mr. Sudhir N. Narale	Role of Mathematical Modeling and Statistical analysis in Engineering	20-26 June 2017
16	Miss. Sumedha S. Rajeshirke	Teaching strategies and syllabus discussion on Engineering Mathematics III (Mechanical)	
17	Miss. Sumedha S. Rajeshirke	Role of Mathematical Modeling and Statistical analysis in Engineering	20-26 June 2017
18	Mr. Amit Khandagale	Role of Mathematical Modeling and Statistical analysis in Engineering	20-24 June 2017
19	Dr. Vishwajeet Khot	Role of Mathematical Modeling and Statistical analysis in Engineering	20-24 June 2017
20	Dr. Vishwajeet Khot	Material science research pof societal relevance	25-26 2017
21	Sandeep Patil	Role of Mathematical Modeling and Statistical analysis in Engineering	20-24 June 2017

Academic Year 2018-19

Sr. No.	Name of the staff	Name of the FDP/STTP/Workshop Attended	Date & Days
1	Mr. B.S. Gujar	Foundation Program in ICT for Education	8/3/2018-12/4/18
2	Mrs. Swati Joshi	Foundation Program in ICT for Education	8/3/2018-12/4/18
3	Mrs. Swati Joshi	IOT Using Python	11/06/018-15/06/18
5	Mrs. Sarika Satpute	Foundation Program in ICT for Education	8/3/2018-12/4/18
6	Mrs. Sarika Satpute	IOT Using Python	11/06/018-15/06/18
7	Dr. Vishwajeet Khot	Foundation Program in ICT for Education	8/3/2018-12/4/18
8	Dr. Minaz Alvi	Foundation Program in ICT for Education	8/3/2018-12/4/18
9	Mr. Sandeep Patil	Foundation Program in ICT for Education	8/3/2018-12/4/18
10	Dr. Vanita Daddi	Foundation Program in ICT for Education	8/3/2018-12/4/18
11	Dr. Shilpi Sahana	Foundation Program in ICT for Education	8/3/2018-12/4/18
12	Dr. Shilpi Sahana	IOT Using Python	11/06/2018-15/06/18
13	Dr. Shilpi Sahana	Advances in Wastwater Teatment	28/05/2018-02/06/18

11. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (give details)

Sr. No.	Name of Faculty	Academic Activity	University/State/national/International
1	Mr. B.S. Gujar	External Exam Senior supervisor	University Level
2	Dr. V.M. Khot	External Exam Senior supervisor	University Level

12. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Sr. No.	Name of Faculty	Nominated on Editorial Board/Reviewers	University/State/national/International
1	Dr. Minaz Alvi	Editorial Board	International Journal

13. Awards / Prizes and recognitions received by teachers at university, state, national and international level: NIL

14. Awards and Prizes received by students at university, state, national and international level:

- Naikare Pragati Anil Secured 2nd Place in inter colligative 10 meter -Air Rifle tournament in academic year 17-18

15. Details of Seminars/ Conferences/Workshops/FDP organized at university, state, national and international level and the source of funding with details:

Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	University/State/National/ International	Dates
Role of mathematical modeling and Statical Analysis	Self	50	State level	20/06/18-24/06/18

16. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D.Lit.: **06**

Sr. No	Name of Faculty	Year of Completion
1	Dr. Vanita Daddi	2015
2	Dr. Vandana Patil	2017

17. Curricular Aspects:

a) Does the department offer program with sufficient no. of electives options.

(NA)

b) While framing curriculum, is feed-back taken from stakeholder's viz. Students/Alumni/Parents/Employers considered?

(NA)

c) Number of teachers preparing & following Academic Teaching plan

(ALL)

d) Do you offer Bridge/Remedial courses? If yes, Give details.

NO

18. What is the method for conducting internal evaluation?

Ans :-Internal Evaluation is done Progressively based on performance in

- 1) Unit Test:- The two unit tests are conducted in semester.
- 2) Prelim Examination: - One Prelim Examination is conducted in semester
- 3) Assignments
- 4) Progressive Assessment of Term work

19. Teacher Performance:

a) Whether the performance of the teacher assessed by the students? If yes, are the feedback reports analysed and suggestions communicated to teachers?

YES

b) Whether suggestion boxes are kept in the department to get suggestions from students on infrastructural facilities available in the department?

YES

c) Do teachers submit Self-Appraisal Reports? Are these reports appraised by HOD and forwarded to the Principal with comments?

YES

d) What is the Departmental average Appraisal Score

B (very good)

How many teachers have Appraisal Score or Grade A, B, C and D?

Grade	A (Excellent)	B (very good)	C (satisfactory)	D
No of teachers	3	7	2	

**3 faculties were not evaluated due to their late Joining and resignation*

20. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Year	Name Of Topic	Name Of Guest	Date Of Conducting Activity	Duration (from- to)	Number Of Participants
2013-14	Guest Lecture on Soft Skills	Dr.Veena Doss	13/07/2013	13/07/2013	58
2013-14	Guest Lecture on Green Chemistry and Spectroscopy	Mrs. Manisha Jail	14/07/2013	14/08/2013	60
2016-17	Guest Lecture on FPL	Mr. Chaitanya A.Patil	08/10/16	08/10/16	500
2018-19	Session on Engineering Better World	Mr.K.V. Kokil	27/07/2018	27/07/2018	100
2018-19	Guest Lecture on FPL	Mr. Chaitanya A.Patil	04/10/18	04/10/18-05/10/18	500

B. ADMINISTRATIVE AUDIT

21. Department-wise Student Teacher Ratio (*Last 5 Years*):

AY/Student Faculty ratio	Student Faculty ratio	Intake
2013-14	1:15	300
2014-15	1:15	420 (* 60 Intake for Mechanical II nd Shift)
2015-16	1:15	540
2016-17	1:15	540
2017-18	1:20	540
2018-19	1:20	540

22. Number of teaching posts sanctioned, filled and vacant (*Last 5 Years*):

AY /no of teaching post sanctioned of FE Phy/Chem./Maths/Ele	No. of teaching post sanctioned	No of teaching post filed
2013-14	14	12
2014-15	14	11
2015-16	16	16
2016-17	16	17
2017-18	16	19
2018-19	15	13

23. Faculty profile with name, qualification, designation, experience, nature of appointment (confirmed/ probation/temporary)

Faculty List 2017-18

Sr. No.	Name of the Faculty	Designation	Qualification	Experience
1	Dr. Mrs. Minaz Alvi	Associate Professor	M.Sc., Ph.D	Teaching: 17.6 years, Industrial: Nil, Research: 8 years
2	Mr. B S Gujar	Assistant Professor	M.Tech (Electrical Power System)	Teaching: 10 years, Industrial: 1.5 years, Research: Nil
3	Dr. Mrs. Manisha Tanwar	Assistant Professor	M.Sc., Ph.D	Teaching: 8 years, Industrial: Nil, Research: 3 years
4	Dr. Mrs. V. B. Patil	Assistant Professor	M. Sc.	Teaching: 7.5 years, Industrial: Nil, Research: 4.5 years
5	Dr. Vishwajeet Khot	Assistant Professor	M. Sc. Ph. D.	Teaching: 2 years, Industrial: Nil, Research: 2 years
6	Dr. Mrs. Neha Sharma	Assistant Professor	M. Sc. Ph. D. (Mathemati	Teaching 7.2 years

			cs)	
7	Dr. Mrs. Vanita R Daddi	Assistant Professor	M. Sc. Ph. D. (Mathematics)	Teaching 17 years
8	Dr. Mrs. Shilpi Sahana	Assistant Professor	M.Sc., Ph.D	Teaching: 7 years, Industrial: Nil, Research:3 years
9	Mr. Amit Khandagale	Assistant Professor	M. Sc.	Teaching:7.5 years, Industrial: Nil,
10	Mr Sandip V Patil	Assistant Professor	M. Sc.	Teaching:4 years,
11	Mrs Neha Urkude	Assistant Professor	M.Tech(ID C) BE(Electrical)	Teaching: 3.5 years
12	Mrs Mukta Gaur	Assistant Professor	M.Tech(ID C) BE(Electrical)	Teaching: 3.5 years
13	Mr. Sachin N Jadhav	Assistant Professor	M.A. English,	Teaching: 7.5 years
14	Mr. Sachin Jamadar	Assistant Professor	M. Sc. (Mathematics)	Teaching 3.5 years
15	Mr. Sudhir Narale	Assistant Professor	M. Sc. (Mathematics), SET	Teaching 1/2 years
16	Mrs Sumedha S Rajshirke	Assistant Professor	M. Sc. (Mathematics),	Teaching 1/2 years
17	Mrs. Krishna V Raut	Assistant Professor	M. Sc. (Physics)	Teaching 1 Years
18	Mrs. Swati Joshi	Assistant Professor	M.Tech(Micro Elex& VLSI Design) B.E(Electronics)	Teaching: 5 years
19	Mrs. Sarika S.Satpute	Assistant Professor	M.Tech (Electrical Power System)	Teaching: 7.5 years
20	Mr. Ramesh Rodalbandi	Assistant Professor	M. Sc. (Mathematics), SET	Teaching: 7.5 years

24. Number of academic support staff (technical) and administrative staff sanctioned, filled and vacant:

Sr. No.	Posts	Sanctioned posts	Filled
1	Laboratory Assistant	04	04
2	Laboratory Attendant/peon	01	01

25. Student profile programme-wise at UG (*Last 5 Years*):

UG/PG	Applications Received	No. of students Admitted	Seats Available	Male	Female	Total	Year
UG	CAP	526	540	409	117	526	FE 2017-18
UG	CAP	502	540	399	103	502	FE2016-17
UG	CAP	567	540	445	123	568	FE 2015-16
UG	CAP	507	540	403	104	507	FE 2014-15
UG	CAP	445	420	353	92	445	FE 2013-14

26. Year-wise results of students at UG:

UG	Year	Appeared	Passed	Pass %
FE	2017-18	500	202	40.40
FE	2016-17	494	212	42.91
FE	2015-16	563	153	27.18
FE	2014-15	478	173	36.19
FE	2013-14	433	218	50.30

27. Student progression/ placement record: Number/ percentage of students proceeded for higher studies Number/percentage of students placed:

NA

28. Present details of departmental infrastructural & other facilities with regard to

a) **Details of Library Committee:**

- b) **Central Library Books and Journals relevant to department:** Books: 589 volumes,
Journal: 04
- c) **Online (books ,journal etc) Subscribed :** 59
- d) **Computer and Internet facilities for staff:** Yes (computer: 09)
- e) **Total no. of class rooms:** 07 (Room No: 6,7,8,9,10,11,30)
- f) **Class room with ICT facilities:** Yes
- g) **Student Laboratory:** 04
- h) **Research Laboratory:** Nil
- i) **Other facilities:** LCD -04, Printer-03

29. Diversity of Students : (Year-wise)

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
FE2018-19	246/517= 47.58%	221/517= 42.74%	50/517= 9.67%	nil
FE 2017-18	210/526= 39.92%	249/526= 47.33%	67/526= 12.73%	nil
FE 2016-17	258/502= 51.39%	187/502= 37.25%	57/502= 11.35%	nil
FE 2015-16	265/567= 46.73%	205/567= 36.15%	97/567= 17.10%	nil
FE 2014-15	261/507= 51.47%	148/507= 29.71%	98/507= 19.32%	nil
FE 2013-14	221/445= 49.66%	139/445= 31.23%	85/445= 19.10%	nil

30. Number of students cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give Category wise data.

NA

31. Student progression/ placement record: Number/ percentage of students proceeded for higher studies Number/percentage of students placed:

NA

from the same university	10
from other universities within the State	70
from other States	20
from outside the country	NIL

Declaration by the Head of the Department

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

MVA
 Head of Department
Dean Academics
 Dr. D. Y. Patil Institute of Engineering
 Management & Research
 Date: Akurdi, Pune - 411 044



1. Teaching techniques shall be involved with more of ICT based.
2. To understand engineering overview, at least one industry visit shall be planned.

Auditor 1

Amit
 (Umbrajkar A.M)

1. More efforts are needed to improve results.
2. Modern teaching techniques may be used for better understanding

Auditor 2

[Signature]

Dr. D. Y. PatilPratishthan's



**DR. D. Y. PATIL INSTITUTE OF ENGINEERING,
MANAGEMENT & RESEARCH**

Approved by A.I.C.T.E, New Delhi , Maharashtra State Government, Affiliated to
SavitribaiPhule Pune University

Sector No. 29, PCNTDA ,NigidiPradhikaran, Akurdi, Pune 411044. Phone: 020-27654470, Fax: 020-27656566

Website :www.dypiemr.ac.in Email : principal.dypiemr.ac.in

ACADEMIC & ADMINISTRATIVE AUDIT REPORT

ACADEMIC YEAR: 2017-2018

(Provide information for last five years from 2013-14 to 2017-18)

A. ACADEMIC AUDIT

1. Name of the Department: Mechanical Engineering Dept.
2. Year of establishment: 2012
3. Examination System: Semester
4. Participation of the department in the curriculum development for courses offered by the University.

Suggestions given by course coordinator to BOS members

5. Information about research grants, projects completed and ongoing from National funding agencies (like BCUD, UGC, DST)(*Last 5 Years*):

Sr. No.	Name of the Principle Investigator	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
01	Mr. Vikas Dive	Development of a NDT Technique for Through Thickness Measurement of Non Uniform Residual Stresses in Metallic Materials	ISRO	10	Ongoing

6. Publications (*Last 5 Years*):

Sr. No.	Academic Year	Papers published in peer reviewed journals	SCOPUS, Web of Science Indexing Papers	Total Citations	Impact factor range/Average Impact factor
1	2017-18	3	2	16	1.42
2	2016-17	1	1	1	2.38
3	2015-16	4	1	3	0.7
4	2014-15	1	1	32	3.39
5	2013-14	2	2	219	5.56

7. Details of patents filed & granted and revenue income generated:

Sr. No.	Academic Year	No. of Patent filed	No. of Patent Published	No. of Patent Granted	Revenue generated if any
1	2017-18	6	4	In Process	NA
2	2016-17	1	1	In Process	NA
3	2015-16	0	0	0	0
4	2014-15	0	0	0	0
5	2013-14	0	0	0	0

8. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.

Nil

9. Details of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.(participant, presented paper, chaired the session)(*Last 5 Years*):

Sr. No.	Academic Year	No. of Faculty attended
1	2017-18	40
2	2016-17	75
3	2015-16	15
4	2014-15	09
5	2013-14	12
Total=		151

10. Participation of teachers in various academic activities as members of committees at University level, State level, National level, International level bodies. (give details)

Sr. No.	Academic year	Subject Chairman	CAP	External	Internal
01	2018-19	Dr. Sunil G Dhambare (02) Dr. Sandeep S. Kore (01)	-	-	-
02	2017-18	-	07	33	14
03	2016-17	-	08	19	29
04	2015-16	-	11	03	08
05	2014-15	-	01	-	-
Total=			27	55	51

11. Details of teachers appointed/nominated on Editorial Boards/Reviewers at university, state, national and international levels.

Academic Year	Details	Name of Faculty
2013-14	Reviewer to review manuscript number HMT-D-13-02130 for International Journal of Heat and Mass Transfer	Dr. Pramod Salunke
2013-14	Reviewer to review manuscript number RSER-D-14-00061 for Elsevier	Dr. Pramod Salunke
2013-14	Reviewer to review manuscript number RSER-D-13-01015 for Elsevier	Dr. Pramod Salunke
2014-15	Reviewer to review manuscript number HMT-D-15-00850 for International Journal of Heat and Mass Transfer	Dr. Pramod Salunke
2015-16	Published the Manuscript at ICAEST - 2016 titled "Vapour Compression System Design Model : A Review"	Mr. V. R. Solapure
2017-18	External reviewer at MITCOE and VIIT, Pune	Dr. S S kore

12. Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Nil

13. Awards and Prizes received by students at university, state, national and international level:

Year	Name of the award/Medal	National / International	Sports/ Cultural	Name of the student
2017	California Institute of Tech: His research work was recognized	International	Technical	Mr. Akash Patil
2015	Limka Book of Record: Marshal Art (Women's Day Record)	International	Sports	M/s. Kothi Prarthana Prasad
2015	Geet Prathma	National	Cultural	M/s. Kothi Prarthana Prasad
2014	15 th SQAY Maharashtra state level championship 2014	State	Sports	M/s. Kothi Prarthana Prasad
2014	10 th National MATSOGI-DO Championship 2014	International	Sports	M/s. Kothi Prarthana Prasad
2012	26 th Maharashtra state Kickboxing championship 2012	National	Sports	M/s. Kothi Prarthana Prasad

14. Details of Seminars/ Conferences/Workshops/FDP organized at university, state, national and international level and the source of funding with details:

Name of Conference/ Seminars / Workshops/FDP	Funding agency	No. of Participants	University/State /National/ International	Dates
One week Faculty Development Program on "Vibration Measurement and Analysis"	Self Finance	48	University	04/06/2018 to 09/06/2018
One week Faculty Development Program on "Scilab Implementation and Hands on Practice for Engineers"	Self Finance	47	University	18/12/2017 To 22/12/2017
One week Faculty Development Program on "Practical Finite Element Analysis"	Self Finance	34	University	08/06/2017 to 13/06/2017
One week State Level Workshop on "Computational Fluid Dynamics"	SPPU funded	60	State	06/12/2016 to 10/12/2016

15. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D.Lit.: Nil

16. Curricular Aspects:

- a) Does the department offer program with sufficient no. of electives options. :**Yes**
- b) While framing curriculum, is feed-back taken from stakeholder's viz. Students/Alumni/Parents/Employers considered? **Yes**
- c) Number of teachers preparing & following Academic Teaching plan : All
- d) Do you offer Bridge/Remedial courses? If yes, Give details.

Remedial classes:

Academic Year	Class	Subject	No of hrs Remedial lecture	No of days	No of student present
2015-2016	SE	SOM	4	4	128
	TE	NMO	5	5	9
	TE	DME II	10	5	52
2016-2017	TE	TOM II	4	2	19
	BE	RAC	3	1	13
	BE	RAC	1	1	17
2017-2018	SE	SOM	11	3	77
	TE	MQC	2	1	79
Total Students					394

Bridge Courses:

Academic Year	Title	Agency/ Resource Person	Date & Duration	No of Students
14-15	ANSYS (APDL and Workbench)	IFS Academy, Pune	3/3/2015 to 27/3/2015	41
15-16	Engineer employblity Course	Engieering Cluster, Pune Mr. Vikas Bhavsar, Mechanical Engineer, Ex - Country Manager, Cuttinng Products (Advani- Oerlikon)	16/12/2015 to 17/1/2016	26
15-16	ANSYS (APDL and Workbench)	IFS Academy, Pune	15/7/2015 to 3/9/2015	14
17-18	ANSYS (APDL and Workbench)	Mr. ApoorvaBapat,Founder & CEO, Eleation, Element Simulation Academy	28/10/2017 (Duration 2 months)	48
18-19	ANSYS (APDL and Workbench)	Mr. ApoorvaBapat,Founder & CEO, Eleation, Element Simulation Academy	15/7/2018	48

17. What is the method for conducting internal evaluation?

Internal assessment is done throughout the semester by subject teachers and the performance of students in this assessment is communicated to the students regularly. Continuous internal assessment sheets are maintained by the faculty and shown to the students as and when necessary. Marks obtained by the students in various tests are displayed on notice boards. Answer sheets of these tests are shown to the students and suggestions for improvement are given. Teacher Guardians monitor the performance of the students and discuss it with students during their meetings. Overall performance of students is also communicated to their parents by the concerned TGs as well as during Parent Teacher Meeting (PTM).

18. Teacher Performance:

a) Whether the performance of the teacher assessed by the students? If yes, are the feedback reports analysed and suggestions communicated to teachers?

Yes

b) Whether suggestion boxes are kept in the department to get suggestions from students on infrastructural facilities available in the department?

Yes

c) Do teachers submit Self-Appraisal Reports? Are these reports appraised by HOD and forwarded to the Principal with comments?

Yes

d) What is the Departmental average Appraisal Score _____? How many teachers have Appraisal Score or Grade A, B, C and D?

Appraisal score is Good.

19. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Sr.No.	Guest Lectures	Industrial Visit	FDP	Workshop
2013-14	4	2		
2014-15	5	3		
2015-16	4	4		
2016-17	1	5		1
2017-18	3	6	2	

B. ADMINISTRATIVE AUDIT

20. Department-wise Student Teacher Ratio : 19.28

21. Number of teaching posts sanctioned, filled and vacant:

Number of Teachers	Sanctioned	Filled
32	32	32

22. Faculty profile with name, qualification, designation, experience, nature of appointment(confirmed/ probation/temporary)(Last 5 Years):

Sr. No.	Name of the full time Faculty	Designation	Qualification	Total years of Experience (Years)
1.	Mr. K. M. Narkar	Asso. Prof.	ME	34
2.	Dr. Sunil Dambhare	Professor	Ph D	21
3.	Dr. Mr. Pramod Salunke	Asso. Prof.	PhD	2
4.	Dr. Sandeep S. Kore	Asso. Prof.	PhD	21
5.	Mr. A. M. Umbrajkar	Asst. Prof.	ME	21
6.	Mrs. A. V. Adwant	Asst. Prof.	ME	10
7.	Mr. S. S. Gaikwad	Asst. Prof.	ME	5
8.	Mr. S B Solepatil	Asst. Prof.	ME	5
9.	Mr. A B Kolekar	Asst. Prof.	ME	4
10.	Mr. Paresh Kulkarni	Asst. Prof.	ME	5
11.	Mr. V. P. Dive	Asst. Prof.	M Tech	7
12.	Mr. A. S. Mali	Asst. Prof.	ME	7
13.	Mr. Chetan R. Pawar	Asst. Prof.	ME	4
14.	Mr. N. S. Motgi	Asst. Prof.	ME	5
15.	Mr. Prafull Nalawade	Asst. Prof.	ME	8
16.	Mr. Keval Nikam	Asst. Prof.	ME	3

17.	Mr. A. H. Dhumal	Asst. Prof.	ME	8
18.	Mr. Siddharth Shete	Asst. Prof.	ME	3
19.	Mr. V. M. Bansode	Asst. Prof.	ME	2
20.	Mr. S. G. Khedkar	Asst. Prof.	ME	4
21.	Mr. M. J. Rajale	Asst. Prof.	ME	4
22.	Mr. Nitesh Kumar	Asst. Prof.	ME	2
23.	Mr. Prakash Tripathi	Asst. Prof.	ME	6
24.	Mrs. K. V. L. Bhuvanewary	Asst. Prof.	ME	5
25.	Mr. Ganesh M Kerkal	Asst. Prof.	ME	4
26.	Mr. Yogesh N Jangale	Asst. Prof.	ME	6
27.	Mr. Krishna T Pawale	Asst. Prof.	ME	2
28.	Mr. Vishvanath R Solapure	Asst. Prof.	ME	5
29.	Mr. Vaibhav Phalak	Asst. Prof.	ME	5
30.	Mrs. Pradnya A. More (Mahale)	Asst. Prof.	M Tech	1
31.	Mr. Pathan Firozkhan J.	Asst. Prof.	ME	2
32.	Mr. Sharad R Kakad	Asst. Prof.	ME	3

23. Number of academic support staff (technical) and administrative staff sanctioned, filled and vacant:

Sr. No.	Posts	Sanctioned posts	Filled	Actual
1	Laboratory Assistant	04	04	04
2	Laboratory Attendant/Peon	01	01	01

24. Year-wise results of students at UG:

UG	Year	Appeared	Passed	Pass %
BE	2017-18	178	152	85.39

BE	2016-17	109	91	83.48
BE	2015-16	69	63	91.10

25. Student progression/ placement record: Number/ percentage of students proceeded for higher studies Number/percentage of students placed:

Academic year	No. of students placed	Students progression to higher studies
2015-16	60	08
2016-17	62	07
2017-18	63	03

26. Present details of departmental infrastructural & other facilities with regard to

a) Details about Library Committee :

a) Central Library Books and Journals, etc, relevant to Department:

Books	Titles: 326
	Vol: 2567
Journals	National Print:14
	E Journals/Int.: 519

b) Online (books, journals etc.) Subscribed

National (Print)	14
E-Journals/International	519 (ASME: 28, SD:63, JGATE:428)

c) Computers and Internet facilities for staff : 52.63mbps

d) Total number of class rooms : 08

e) Class rooms with ICT facility : 04

f) Students' laboratory : 10

g) Research laboratories :01

j) Any other facility LCDs, :04

27. Number of students cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give Category wise data.

Year	MPSC/UPSC	GATE	Other Exams	Total
2015-16	01	01	01	03

2016-17	--	03	04	07
2017-18	--	--	--	00

28. Student progression/ placement record: Number/ percentage of students proceeded for higher studies Number/percentage of students placed:

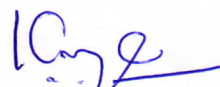
Year	No of proceeded for higher studies	No of students placed
2015-16	08	60
2016-17	07	62
2017-18	03	63

29. Diversity of Faculty:

Teaching faculty	Nos	%
from the same university	14	43.75
from other universities within the State	17	53.12
from other States	01	03.12
from outside the country	Nil	


Declaration by the Head of the Department

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.


Head of Department
Department of Mechanical Engineering
 Dr. D.Y. Patil Institute of Engineering
 Date: _____



Remark :- Department should ~~start~~ ^{increase} Add on courses, field projects.


 Auditor 1
 (Dr. S. G. Dambhare)

Auditor 2. ^{MSB}
 (Dr. Mrs. Bhande)