



Pravara Rural Education Society's

SIR VISVESVARAYA INSTITUTE OF TECHNOLOGY, NASHIK

A/P. - Chincholi - 422102, Tal. Sinnar, Dist - Nashik (M.S.)

"Affiliated to University of Pune" Letter No. CA/1379 dt. 18/08/1998

Approved by AICTE, New Delhi Letter No. F-740-89-308(E) / ET/96 dtd. 15/10/1996

University ID No. 052

Institute Code 5125

Ref. No.

Date : / /

Ref. SVIT/IQAC/2017-18/

Date: 26/4/2018

ACADEMIC AND ADMINISTRATIVE AUDIT OF THE DEPARTMENT

Year - 2017-2018

1. Name of the Department: Chemical Engineering
2. Year of establishment: 1998
3. Courses offered: UG, PG, M. Phil., Ph.D., Integrated Masters

Year	UG	PG	Ph.D.	Integrated Masters
2017-18	Yes	NO	No	No

4. Courses introduced during last 4 years:
NO
5. Does the department have Academic flexibility? If yes since when?
Yes from AY 1998
6. Interdisciplinary programs offered and departments involved:
NO
7. Courses conducted in collaboration with other universities and Institutions:
Yes, Workshop and spoken tutorial certificate course conducted in Academic year 2017-18
8. Details of programs discontinued, if any, with reasons:
NO
9. Examination System: Annual/ Semester/Choice Based Credit System/ Credit and Grading system/ any other system, specify:
Semester system
10. Details of participation of the department in the curriculum development for courses offered by the Departments.
NO



11. Does the department have different syllabus than the one used by university for UG and PG courses?

Only run the UG course.

12. Number of teaching posts sanctioned, filled and vacant,

Designation	Required as per norms	Sanctioned	Filled	Vacant	Approved	Non Approved
Professor	01	01	01	00	00	00
Associate Professor	02	02	06	00	02	04
Assistant Professor	06	06	02	00	04	02
Total	09	09	09	00	06	02

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

a) Appointed on Government Sanctioned Post.

Name	Designation	Qualifications	Teaching/Research Experience	Nature of appointment
Dr.B.L.Pangarkar	Associate Professor	PhD, ME	17 yrs 05 month	Full Time
Dr.S.B.Parjane	Associate Professor	PhD, ME	16 yrs 05 month	Full Time
Prof.R.M.Abhang	Associate Professor	MTech, PhD (Purshuing)	12 yrs 05 month	Full Time
Dr.G.B.Shinde	Associate Professor	PhD, ME	17 yrs 05 month	Full Time
Dr.V.D.Talnikar	Associate Professor	PhD, ME	04 yrs 04 month	Full Time
Prof.G.Mahendra	Associate Professor	ME, PhD (Purshuing)	11 yrs 03 month	Full Time
Dr.D.K.Chandre	Associate Professor	PhD, MTech	15 yrs 09 month	Full Time



Prof.R.D.Patil	Assistant Professor	ME, PhD (Pursuing)	04 yrs 04 month	Full Time
Prof.N.S.Patil	Assistant Professor	ME	00 yrs 10 month	Full Time

14. List of Visiting Fellows/Teachers, Adjunct and Emeritus Professors, (for last 01 years).

Sr. No.	Name of Visiting Fellows/Teachers, Adjunct and Emeritus Professors.	Designation / Address
1	Mrs. Pooja Krishna,	Chairman & MD, Oyster HR Solutions Pvt. Ltd. Mumbai.
2	Mr. Rahul Gorwadkar	Managing Director, Sactech India Pvt Ltd, Pune
3	Mr. Amol Roundal,	AIEHS, Expert & Consultant, Nashik 7798775203
4	Mr. Hemant Sadafale, & Mr. Narendra Thatte	Asian Academy of professional training, 5 th floor, A- Wing, Office No. 74 to 79 Dhankawadi, Pune
5	Mr. Satish Palde,	Sr. Engineer, Graphite India Pvt. Ltd. Nashik, 9922361297
6	Mr. Srjrao Chopde	Principal Consultant Engineer, Aspen Tech India Pvt. Ltd., Pune
7	Dr. S. Murty Shekhar	Professor & HOD, Chemical Engg. Dept., Siddganga Institute of Technology, Tumkur, Karnataka
8.	Dr. Ratnadeep Joshi	Professor, Petrochemical Engg. Dept., MIT Pune
9	Mr. Gautham Pradhan	Asia Pasific Buisness Director, Wood Group, Mumbai
10	Mr. Chandu Babu	Sr. Manager, HRD, RCF Chembur, Mumbai

15. Percentage of classes taken by temporary/visiting faculty (program- wise information):
No visiting faculty appointed for classes.
16. Programme-wise Student Teacher Ratio
Student -Teacher ratio: 19.9 :1
17. Number of academic support staff (technical) and administrative staff sanctioned, filled and vacant:



Sr. No.	Posts	Sanctioned posts	Filled	Actual
1	Laboratory Assistant	03	03	03
2	Clerk (office)	00	00	00
3	Laboratory Attendant	00	00	00
4	Peon	01	01	01
5	Other	00	00	00

18. Details of physical facilities provided to the students.

Yes, Laboratory equipments, computer, Internet facility

19. Provide the Area statement details of the department with layout.

Sr. No.	Name of Laboratory	Area (m2)
1	Mass Transfer I & II	175.38
2	Chemical Reaction Engineering	79.64
3	Mechanical Operation	105.51
4	Process Dynamics & Control	77.63
5	Instrumentation & Instrumental Analysis	99.13
6	Project Lab	79.38
7	Computer lab	71.48
Total		688.15
Other Area		
1	Office	15.71
2	HOD Cabin	37.09
3	Dept. Library	49.91
4	Dept. Store	44.78
5	Class Room -I	74.03
6	Class Room- II	69.66
7	Class Room-III	80.76
Total		371.94
Amenities Area		62.82
Total		1122.91



20. Provide consolidated list of equipment available laboratory wise in the department.

Sr. No.	Name of Item Equipment/Instrument/	Make & Size	Qty	Cost per Nos	Total Cost	Name of Lab
1	Mixing & Agitation	Suresh Traders	1	45000	45000	Mechanical Operation
2	Jaw Crusher	Datacone	1	38100	38100	
3	Plate & Frame Filter Press	Datacone	1	62400	62400	
4	Rotary Drum Filter	Datacone	1	40200	40200	
5	Froth Flotation Cell	Datacone	1	34800	34800	
6	Cyclone Separator	Datacone	1	51400	51400	
7	Ball Mill	Datacone	1	26700	26700	
8	Sieve Shaker	Datacone	1	37053	37053	
9	Drag Coefficient Apparatus	K.C. Enginners	1	52780	52780	
10	Reactive Distillation	Borosil glass	1	132325	132325	Chemical Reaction Engineering
11	Plug Flow Reactor	Datacone	1	51202	51202	
12	Batch Reactor	Datacone	2	51215	102431	
13	CSTR	Datacone	1	45378	45378	
14	CSTR in Series	Datacone	1	55547	55547	
15	Combined flow Reactor (CSTR+ PFR)	Mass International	1	71676	71676	
16	RTD Studies in Plug Flow Reactor	K.C. Enginners	1	49902	49902	Process Instrumentation & Control
17	Thermocouple Calibration Test Rig	Datacone	1	15660	15660	
18	calibration of bimetallic Thermometer	Datacone	1	14647	14647	
19	Digital pH Meter	Vijay Traders	1	4282	4282	
20	Characteristics of Control Valves	Scintific corporation	1	57096	57096	
21	Hair Hygrometer	Research lab	1	1450	1450	
22	Hand Refractometer	Research lab	1	1340	1340	
23	Water Analyser Kit	Datacone	1	20250	20250	
24	pH Electrode glass	Vijay Traders	1	1688	1688	
25	pH Electrode glass	Vijay Traders	1	1800	1800	
26	Systronics Water Analyser Kit	Systronics	1	78238	78238	
27	Digital Tachometer contact type	Yammuna	1	1766.45	1766	
28	RTD with Multimeter	Yammuna	1	25538	25538	Process Dynamics & Control
29	Two tank System (Interacting)	Datacone	1	33588	33588	
30	Two tank System (Non-Interacting)	Datacone	1	33588	33588	
31	Computerised Cascade Control System	Datacone	1	186660	186660	
32	ON-OFF Temperature Controller	Datacone	1	7795	7795	
33	First Order System	Datacone	1	14493	14493	



34	Temp. Control Trainer	K.C. Enginners	1	210268.45	210268	Mass Transfer
35	First order & second order system	Apex	1	43819	43819	
36	Absorption in bubble Column	Datacone	1	107000	107000	
37	Absorption in Packed column with air compressor	Datacone	1	81972	81972	
38	Wetted Wall Column	Datacone	1	44496	44496	
39	Diffusion coefficient of CCl4 in air	Datacone	1	37152	37152	
40	Rotary Dryer	Datacone	1	95000	95000	
41	Tray Dryer	Datacone	1	63135	63135	
42	Solid Dissolution	Datacone	1	39088	39088	
43	Humidification and dehumidification apparatus	K.C. Enginners	1	159748	159748	
44	Uv Spectrophotometer	SHEMAZDU Make DEV Science	1	585000	585000	
45	Distillation at Total Reflux	Datacone	1	63720	63720	
46	Extraction Column	Scintific cooperation	1	46116	46116	
47	Bubble Cap Distillation Column	Datacone	1	119000	119000	
48	Batch Crystallizer	Datacone	1	21000	21000	
49	Simple Steam Distillation	Datacone	1	20000	20000	
50	Digital Weighing Machine (0-500 gm) & 0-5000 gm	Datacone	2	44469	44469	
51	Rectangular thermostatic water bath	Vijay Traders	1	6500	6500	
52	Distillation Apparatus electrically heated	Vijay Traders	1	15750	15750	
53	Orbital Shaking Incubator	Remi Make	1	202700	202700	
			55		3402706	

61	Stabilizer-7.5 KVA	Tejas Elect.	1	11000	11000	Process Modeling and Simulation
67	Web Camera	Intex	1	1235	1235	
54	UPS - 500VA	Champion	2	4200	4200	
5	LCD projector	Sony	1	54990	54990	
56	Printer Epson LQ 1150	Epson	1	12075	12075	
59	Laserjet Printer	HP	1	7150	7150	
			2	19225		
60	D-Link Switch	16 ports	1	3900	3900	
65	D-Link Switch	10/100mbps	2	6900	6900	
			3	10800		
57	Computer HP make	HP	11	313499	313499	
58	Computer Acer Make	Acer	20	725440	725440	



62	Computer P IV	HCL	2	49000	49000	
63	Computer HP Desktop	Hp	4	51600	51600	
64	Computer P IV	HCL	1	25800	25800	
66	Computer P IV	HP	1	26800	26800	
			39		1293589	
Total Cost					4696295	

22. Membership details of faculty

Sr. No.	Name of faculty	Membership details	Remark
1	Dr. B.L. Pangarkar	LM60434	
2.	Dr. S.B. Parjane	LM60435	
3.	Prof. R.M. Abhang	LM60433	
4.	Dr. G.B. Shinde	LM60440	
5.	Prof. M.V. Guddad	LM60437	
6.	Dr. V.D. Talnikar	LM48920	
7.	Dr. D.K. Chandre	LM60436	
8.	Prof. R.D. Patil	LM120366	
9.	Prof. N.S. Patil	-----	

23. Thrust areas of research as identified by the department

Yes

24. Information about research grants, projects completed and ongoing during the period of last 5 years

From National funding agencies (like UGC, CSIR, DST, DBT/other etc):

Sr. No.	Name of the Principle Investigator (CO-investigator)	Title of the Project	Funding Agency, Duration & date of sanction	Amount (in Lakh)	Remarks if any
1	Prof.R.M.Abhang	Removal Of Heavy Metals From Electroplating Waste Water Using Nano-Filtration Membranes	BCUD, University of Pune, 2011-2013 (02 yrs)	1.8 Lakh	Completed
2	Prof.R.M.Abhang	Studies on Chemical Process Separation	AICTE, New Delhi, 2013-14	6 Lakh	Completed



		by Using Porous Membrane	(01 yr)		
3	Prof. S.B.Parjane	Hydro phonic soilless farming	BCUD, University of Pune, 2013-15 (02 Yrs)	2 lakh	Completed
4	Dr. B.L. Pangarkar	Design & development of multi-effect membrane distillation process for pesticide wastewater treatment	BCUD, Savitribai Phule Pune University, 2016-18 (02 yrs)	2.5 lakh	Ongoing

25. Research facilities available in the department and recognition received, if any?
NO
26. Special research laboratories sponsored by / created by industry or corporate bodies.
NO
27. Details of teachers invited as resource persons for Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.
Nil
28. Details of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.(participant, presented paper, chaired the session)

Sr.No	Name of Staff	Title of the SDP/Seminar/Workshop/STTP/Training Program	Name of Organizing Institute	Place	Level	Date
1	Prof.D.K.Chandré	Asia-Oceania Sonochemical Society International Conference	SRM research Institute, SRM University	Chennai	International	14/09/2017 to 16/09/2017
2	Prof. R.M. Abhang	Int. Conf. on Global trends in Engg., Tech., & Magt.	College of Engg. & Tech, Bambhori, Jalgaon	Jalgaon	International	22/12/2017 to 24/12/2017
3	Prof. R.M. Abhang	Wprkshp on Academic and Administrative Audit	MET's Institute of Management, MET BKC, Nashik	Nashik	State	12/14/2017
4	Dr. B.L. Pangarkar	FDP on Recent Trends in Process Intensification	PREC Loni & sponsored by AICTE	Loni	National	01/12/2017 to 14/12/2017
5	Prof. M.V. Guddad	FDP on Recent Trends in Process	PREC Loni & sponsored by	Loni	National	01/12/2017 to



		Intensification	AICTE			14/12/2017
6	Prof. R.D. Patil	FDP on Recent Trends in Process Intensification	PREC Loni & sponsored by AICTE	Loni	National	01/12/2017 to 14/12/2017
7	Prof. R.M. Abhang	FDP on Recent Trends in Process Intensification	PREC Loni & sponsored by AICTE	Loni	National	01/12/2017 to 14/12/2017
8	Dr. B.L. Pangarkar	Conf. on Advance design and optimization Techniques in Engg. Applications	SVIT, Chicholi, Nashik	Nashik	National	18/01/2018 to 19/01/2018
9	Prof. M.V. Guddad	Conf. on Advance design and optimization Techniques in Engg. Applications	SVIT, Chicholi, Nashik	Nashik	National	18/01/2018 to 19/01/2018

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

Year	Name of Teachers participated	Name of the body in which full time teacher participated	Total Number of teachers
2017-18	Dr. B.L. Pangarkar	1. BOS Chemical Engineering : Chairman of B.E. Chemical subject of Advance Material. 2. BOS Chemical Engineering : Chairman of B.E. Chemical subject of Advanced Separation Processes	05
	Prof. R.M. Abhang	BOS Chemical Engineering : Chairman of B.E. Chemical subject of Chemical Process Synthesis	
	Dr. V.D. Talnikar	1. BOS Chemical Engineering : Chairman of M.E. Chemical subject of Advanced Reaction Engg. 2. BOS Chemical Engineering : Chairman of M.E. Chemical subject of Mathematical & Statistical method	
	Dr. G.B. Shinde	BOS Chemical Engineering : Chairman of B.E. Chemical subject of Bio Process Engineering	
	Prof. M.V. Guddad	1. BOS Chemical Engineering : Chairman of T.E. Chemical subject of Process Instru & Control	

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

NIL



31. Awards / Prizes and recognitions received by teachers at university, state, national and international level:
NIL
32. Awards and Prizes received by students at university, state, national and international level:
33. Details of Seminars/Conferences/Workshops organized at local, university, state, national and international level and the source of funding with details:

Name of Conference/ Seminars / Workshops	Funding agency	No. of Participants	Local/University/State/ National/ International	Dates
Effective Communication Skill	Self Finance	37	Local	27/01/2018
Two days state level workshop on "Application of computer aided chemical process simulator"	Savitribai Phule Pune University	109	State	09/02/2018 to 10/02/2018
Research Paper Writing and Publication	Self Finance	42	Local	16/03/2018
Industrial Economics	Self Finance	42	Local	22/03/2018
Gate Induction Program	Self Finance	56	Local	12/01/2018
Workflow in process industry	Self Finance	109	Local	31/08/2017
Empowering Your Engineer	Self Finance	44	Local	06/10/2017
Business communication skill	Self Finance	43	Local	12/08/2017
Fire and Safety	Self	62	Local	20/07/2017



	Finance			
Two days workshop on Piping Engineering and Design	Self Finance	69	LOCAL	05/10 2017 & 06/10/2017

34. Details of industrial visits organized.

Name of Company	Class	No. of Participants	Outcomes of the visits	Dates
Eurotas Infrastructure Ltd. (Cement Division), Musalgaon, Sinnar	BE	29	Studied Cement Production	25/07/2017
R. K. Plast, Musalgaon, Sinnar	SE	43	Studied plastic Molding Process.	01/09/2017
Catapharama Ltd. Malegaon Sinnar	BE	30	Unit operations related to curriculum viz. distillation, evaporation etc studied.	23/09/2017
Distillery Unit of Sahakari Sakhar Krkhana Pvt. Ltd., Pravaranagar.	SE	29	Studied the distillery plant operation in details	
Health Care Agro, Chandwad, Nashik	TE	32	Students studied manufacturing process of Agro products.	26/02/2018

35. Year-wise results of students at UG and PG (last five yrs):

UG/PG	Year	Appeared	Passed	Pass %	Grade %			
					O	A	B	C
UG	2017-18	41	38	92.63	78.02	14.63	--	--

36. Information about M.E. program:

Year	Applications	No. of	Male	Female	Total
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	Received	students admitted			
NA					

37. 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	
	UG to PG	PG to Ph.D./ M.Phil/other	In campus	Off campus
2017-18	4.8%	---	4.8%	21.95%

38. Diversity of Faculty:

Teaching faculty	%
from the same university	77.78
from other universities within the State	11.11
from other States	11.11
from outside the country	00

39. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. / D.Lit.: (separate tables)

Sr. No.	Name of Faculty	Specialization	Month/Year of degree awarded
1.	Dr. B.L. Pangarkar	Chem Tech	2017
2	Dr. V.D. Talnikar	Chem Engg.	2016
3	Dr. G.B. Shinde	Chem Tech.	2013
4	Dr. D.K. Chandre	Chem Engg.	2018

40. Present details of departmental infrastructural & other facilities with regard to Departmental Library (Vol., books, journals etc.) :



Books	Journals
Title :71	Hardcopy: --
Volume:71	e-journal: --

- c) Computers and Internet facilities for staff : Yes
- d) Total number of class rooms : 03
- e) Class rooms with ICT facility : Yes
- f) Students' laboratory : 07
- g) Research laboratories : 01
- h) Seminar Hall : 01
- i) Smart class room : 00
- j) Any other facility LCDs, : 01
41. Number of post graduate students getting financial assistance from the university/state / central government : NA
42. **Curricular Aspects:**
- a. Does the faculty take initiative in curriculum development process?:
Yes, Feedback received by the teacher on the curriculum in every semester
- b. Is curriculum suitable to make students globally competitive in the subject? If yes, demonstrate.
Yes
- c. Does the department offer program with sufficient no. of electives options.
Yes
- d. While framing curriculum, is feed-back taken from stakeholder's viz. Students/Alumni/Parents/Employers considered?
Yes
- e. What is the frequency of curriculum revision? (3/4/5 years or more)
5 years
- f. Does the curriculum have emerging thrust areas, including interdisciplinary areas? (If yes, elaborate).
Yes, Environmental Engg., Chemical Science, Management
43. **Teaching-Learning, Evaluation:**
- a. Number of teachers preparing & following Academic Teaching plan
09 ALL
- b. How many teachers use the following teaching methods:



- c. Interactive lecture method using blackboard, Group discussions, Problem solving, Seminars.

All, 09

- d. Use ICT methods to support lectures.

Yes

- e. Does the Department have Peer review processes? If yes, are the suggestions effectively used to improve the teaching quality?

NO

- f. Does the department have any mechanism to ensure that entire syllabus is completed?

Yes, Syllabus Review taken at every month

- g. Do you offer Bridge/Remedial courses? If yes, Give details.

Yes, Arranged some expert lectures & workshops

- h. What is the method for conducting internal transparent evaluation? If yes write in 100 words.

Assessment is done at the time of practical session and filled the continuous assessment sheet. The weightage of marks allotted to the every head like theory & [practical attendance, class test, assignment, events organized & attended, participations etc. This will be conveying to all the students in advance i.e. at the starting of the semester.

44. 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. Number of teachers getting a) Very Good ____ b) Good ____ c) Average ____ remarks from students.

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

Yes

- d. Are the suggestions received from students used for improvement of facilities?

No,

- e. Do teachers submit Self-Appraisal Reports? Are these reports appraised by HOD and forwarded to the authorities with comments?

Yes



- f. Does department have monitoring system of classes conducted. If yes submit report in the tabular format.

Yes

- g. Give details of "beyond syllabus scholarly activities" of the department.

1. Organized the state level workshop which was sponsored by the Savitri Bai Phule Pune University.
2. Organized the Industrial visits of every class.
3. Organized the quiz competitions by CHESA
4. Organized the social program on "Save Water" at Mohu Village
5. Organized National level "Chemcoalease 2k18" Event by CHESA
45. List the distinguished alumni of the department (maximum 10)

List of Top Alumni

S.R	Name of	Designation	Name of Organization/Company
1	Ratti Pukar	Executive System Director of Research	CHRISTUS Health, Irving, Texas
2	Ansari Ubaidullah Abdul Latif	Senior HSE Consultant	DNV GL, Abu Dhabi
3	Baig Firoz	Technical Manager	Baker Hughes, a GE company, Dhahran
4	Logade Aslam	Founder	Zara P Care - MELIKA, Khopoli, Mumbai
5	Parvatikar Pravin Vithal	Director	Bindu Tech Flow Solutions Pvt Ltd., Mumbai
6	Dharmadhikari Pravin	Director	TNBI Industries Pvt. Ltd., Pune
7	Chopade Sarjerao	Sr. Consultant	Global Professional Services Aspen Tech., Pune
8	Yadav Harinath Bihari	General Manager	Inoue-Nissei Engineering Pte Ltd., Thane
9	Bornare Janardhan Bhikaji	Development Engineer	Hoganas India Pvt Ltd., Pune
10	Jadhav Pravin Sadashiv	GM Projects	Camlin Fine Sciences Ltd., Thane
11	Mahulkar Amit Vinod	Asst. Manager	Reliance Industries Mumbai, Navi Mumbai
12	Mahabal Sachin Pandurang	Assistant Plant Manager	Gharda Chemicals Ltd., Ratnagiri
13	Sanap Pravin	Sr. Manager	Reliance Industries Mumbai
14	Deshmukh Rahul	Sr. Consultant	Infosys Ltd., Sweden
15	Walunj Sachin	Tech Mahindra Americas, USA	Sr. Tech. Manager



16	Ghelani Amit	Manager	Business Development and Sales, CommTel Networks Pvt. Ltd., Mumbai
17	Pawar Abhijit Bhalchandra	Asst. General Manager	Project Planning, Ratan India Pvt. Ltd. Mumbai
18	Magar Laxman	Sr. Process Engineer	Petrokon Utama Sendirian Berhad, Brunei Darusaalam (Asian Country)

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

All covered in point No. 36

47. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

After result analysis attainment level & CIS sheet submitted by each staff

48. Highlight the Special facilities (if, any) of the Department.

1. Water Analysis Kit

2. UV-Spectrophotometer

49. Highlight the unique features of the department.

1. More number of PhD faculty available

2. Highly experience staff available in the department.

50. State the Innovative practices adopted in the department.

1. Technical Event "Chemcoalease" organized in every year

2. Mentoring of the students

3. Teaching-learning method

4. Use one side used papers for printing

50. Highlight the participation of students and faculty in extension activities.

51. Other Details of smooth running of the department:

a. Does the department have mentoring scheme? Give the details in consolidated Statement of issues resolved. : Yes

b. Provide the details in consolidated statement about parents meets conducted by the Department.: 02 parents meet in year

c. Provide the students coaching/ counseling details for higher studies.: Motivation to BE students in mentoring meeting

d. List of social activities conducted in last five years in tabular format.

Sr. No.	Year	Name of Program	Date
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1	2017-18	Save Water awareness Program at Mohu Village	19/01/2018
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52. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

STRENGTHS

1. Faculty is young, energetic, hardworking and committed
2. Faculty retention is good.
3. 05 PhD faculty available
4. Every year receive the grants for research project
5. Students mentoring and teachers feedback systems
6. Adequate computing facility
7. Industry participation in students training

WEAKNESS

- Lacking in the Industry-Institute association
- More research, publication and consultancy work needs to be improvement.
- Admission of low merit students

OPPORTUNITIES

- Tie-up with national research labs.
- Innovation and Incubation center
- To improve the soft skills of the students to make them ready to face interviews, appear for the different competitive exams.
- Industry sponsored projects addressing the practical problem

CHALLENGES:

- Development of the modern facility in the department.
- To improve the merit ranking of low merit students admitted to the department.
- Improving the soft skills / training programs and to develop the communication skills of students.
- To improve the Industry-Institute interaction for providing opportunities to the students in practical based learning.

53. Future plans of the department:

a. Long term plans-

1. Accreditation (NBA) of the department
2. Start the PG Program in the department
3. Start the PhD research center in the department

b. Short term plans-

1. NAAC of the institute
2. Increase the placement ratio and institute-industry interaction



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.

Date: 30/5/2018


Head of Department
Head Of Department
Department of Chemical Engineering
S. V. J. T, Chincholi,
Tal. Sinnar, Dist., Nashik-422101 (M.S.)

Academic and Administrative Audit Team:

Name
1. Prof. R.B. Abhang
2. Prof. Mahendra Guddad
3. Dr. B.L. Pangarkar

Sign with Date


16/5

20/5

CC to:

1. IQAC
2. Principal
3. Est Sec
4. HOD

