

### Evaluative Report of Department of Computer Engineering

**1. Name of the department: Department of Computer Engineering**

**2. Year of Establishment: 1984**

**3. Names of Programmes / Courses offered:**

Sr. No	Name of the programme	Year of Establishment	Intake
1	UG- BE Computer Engineering	1984	1984 to 2000 : 60 , From 2001 : 120
2	PG –ME Computer Engineering	2010	18
3	Ph.D.	2013	-

**4. Names of Inter disciplinary courses and the departments/units involved: Nil**

**5. Annual/ semester/choice based credit system (programme wise)**

Sr. No	Name of the programme	Pattern/System(Annual/semester/choice based credit system)
1	BE Computer Engineering	Semester wise credit based system (From AY 2015-16)
3	ME Computer Engineering	Semester wise credit based system (From AY 2013-14)
4	Ph.D.	----

**6. Participation of the department in the courses offered by other departments**

Sr. No	Name of the Department	Class	Name of the Course
1	All Departments	FE	1. Fundamentals of Programming Language I (Semester I) 2. Fundamentals of Programming Language II (Semester II)

**7. Courses in collaboration with other universities, industries, foreign institutions, etc.:**

Certificate/Course Name	Collaborating Institution /Industry/Universities etc.
Workshop on IOT	Cognifront, Nashik

**8. Details of courses/programmes discontinued (if any) with reasons: Nil**

**9. Number of Teaching Posts**

UG

	Sanctioned	Filled
Professors	4	1
Associate Professors	7	1
Asst. Professors	20	30

PG

	Sanctioned	Filled
Professors	1	1
Associate Professors	1	0
Asst. Professors	1	1
Visiting Faculty	-	1

**10. Faculty profile with name, qualification, designation, specialization,(D.Sc. /D.Litt. /Ph.D. / M. Phil. etc.,)**

Sr. No	Name	Qualification	Designation	Specialization	No. of Years of Experience (A+B)*	No. of Ph.D. Students guided for the last 4
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1.	Dr.Shirish S. Sane	Ph.D.	Professor	Comp Engg.	29y 7m +10m	8(Ongoin
2.	Nitin M. Shahane	ME	Associate Professor		26y 7m	NA
3.	Dr.Snehal M. Kamlapur	Ph.D.	Professor		19 y 9m	NA
4.	Preeti P. Vaidya	ME	Assistant Professor		12y 3m	NA
5.	Suruchi M. Malao	ME			12y 3m+ 4 m	NA
6.	Satish S. Banait	ME			11y 6m +2y7m	NA
7.	Shital S. Bhandare	ME			11y 6m	NA
8.	Rutuja H. Jadhav	ME			9y 9m	NA
9.	Priyadarshini I.	ME			10y + 1y	NA
10.	Jyoti R. Mankar	M.Tech			9y 11m + 1y	NA
11.	Neha G. Sharma	ME			10y 4m +1y 1m	NA
12.	Wasudev W. Pingle	ME			9y 5m	NA
13.	Monali P. Mahajan	ME			9y 6m	NA
14.	Chaitali R. Patil	ME			9y 6m	NA
15.	Dhananjay M. Kanade	ME			8y 9m	NA
16.	AnandV. Kolapkar	ME			9y 2m	NA
17.	Seema K. Gondhalekar	M.Tech			4y 10m	NA
18.	Nilesh S. Sonawane	ME			5y 8m + 3m	NA
19.	Smita T. Patil	ME			5y 6m + 6y 4m	NA
20.	Ashwini V. Taware	M.Tech			5y 9m + 4y 6m	NA
21.	Jyoti N. Thakur	ME			14y 7m	NA
22.	Vinay N. Surywanshi	M.Tech			4y+8m +3 y	NA
23.	Lalit A. Patil	ME			6y 8m+3m	NA
24.	Kushal P. Birla	ME			6y 4m + 1y 8m	NA
25.	Megha J. Patil	ME			4y 5m + 9m	NA
26.	Sandhya P. Solunke	ME			3y 7m + 6y 3m	NA
27.	Sumedha K. Chumble	ME			4y 10m + 1y	NA
28.	Namrata M. Pagare	ME			2y 2m	NA
29.	Shyam A. Gade	ME			1y 6m + 5y 3m	NA
30.	Shweta D. Jadhav	ME			1y 4m	NA
31.	Geeta R. Gupta	ME			1y 4m	NA
32.	Madhuri N. Shinde	ME			1y 4m	NA
33.	Maninder V.Kaur	ME			9m+3y	NA
34.	Pushpalata M. Badhane	ME	9m		NA	

\*A – Teaching Experience in K.K. Wagh Education Society

\*B – Teaching Experience in Other institute + Industry

#### 11. List of senior visiting faculty

Years	Total number of senior visiting faculty	Name of faculty
2010 to till date	1	Dr. Shashikant A. Kelkar

#### 12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary Faculty

A.Y	Semester	Sr No.	Class	Lect Delivered By temp faculty/Total Lectures for the class (A/B)	Practicals Handled by temp faculty/Total Practical Handled for the class (C/D)	Total (A+C)/(C+D)	Percentage
2017-2018	II	1	FE	128/465	51/86	179/551	32.48
		2	SE	Nil	Nil	Nil	Nil
		3	TE	Nil	Nil	Nil	Nil
		4	BE	Nil	Nil	Nil	Nil
		5	ME	Nil	Nil	Nil	Nil
	I	1	FE	120/444	23/143	143/587	24.36
		2	SE	Nil	Nil	Nil	Nil
		3	TE	Nil	Nil	Nil	Nil
		4	BE	Nil	Nil	Nil	Nil
		5	ME	Nil	Nil	Nil	Nil
2016-2017	II	1	FE	124/434	44/101	168/535	31.40
		2	SE	38/433	Nil	38/433	8.77
		3	TE	Nil	Nil	Nil	Nil
		4	BE	61/256	44/195	105/451	23.28
		5	ME	Nil	Nil	Nil	Nil
	I	1	FE	33/391	212/235	245/626	39.13
		2	SE	44/498	Nil	44/498	8.83
		3	TE	122/381	Nil	122/381	32.02
		4	BE	Nil	Nil	Nil	Nil
		5	ME	Nil	Nil	Nil	Nil

Sr.No	Class	Lect Delivered By temp faculty/Total Lectures conducted or the class (A/B)	Practicals Handled By temp faculty/Total Practical Handled for the class (C/D)	Total (A+C)/(B+D)	%
1	FE	201/249	291/385	492/634	77.60
2	SE	094/498	120/349	214/847	25.27
3	TE	199/381	071/254	270/635	42.52
4	BE	054/340	103/232	157/572	27.45

### 13. Student -Teacher Ratio (programme wise)

	2017-18	2016-17	2015-16	2014-15	2013-14
UG	17.73	21.92	22.42	21.95	19.69
PG	11.05	10.73	09.88	09.95	10.04

### 14. Number of academic support staff (technical) and administrative staff

Sr. No	Type of Staff	Sanctioned	Filled
1	Support Staff (Technical)	--	8

### 15. Qualifications of teaching faculty with D.Sc/ D.Litt/ Ph.D/ MPhil / PG

<b>Ph.D.</b>	<b>PG</b>
02	32

**16. Number of faculty with on-going projects**

a) National: 1

b) International: Nil

**17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR and total grants Received**

Sr. No	Projects funded by	Duration	Principal Investigator	Title	Grant sanctioned inRs.
1	University (BCUD)	2016-2018	Smita T.Patil	A Visual Motivational AID For Periodontitis Patients	Rs.1,00,000
2	University (BCUD)	2009-2011	Snehal M. Kamalapur	Parameters variation impact on Particle Swarm Optimization Performance	Rs. 3,00,000
3	IITB	2010-2011	Dr. ShirishS. Sane	Research Grand in Agriculture Sector	Rs. 2,90,000
4	AICTE (MODROB)	2007-2009	Dr. Shirish S. Sane	Enhancement of the Project Lab	Rs. 8,49,520
5	University (BCUD)	2006-2008	Varsha H. Patil	Adaptive Techniques For Reconstruction of Super Resolution Image from Low Resolution Images	Rs. 3,00,000
6	University (BCUD)	2006-2008	Vidya R. Khapli	Effective CBIR Technique for Web based Image Searches	Rs. 1,00,000
				Total	Rs. 19,39,520

**18. Research Centre /facility recognized by the University**

Research Centre in Computer Engineering of Savitri Bai Phule Pune University, Pune

Letter no: CA/4062dated 03/12/2012

**19. Publications:**

Number of paper published in peer reviewed journal (Staff and Student): 103 + 97=200

Number of publication listed in international database: 9

Books with ISBN Number /ISSN Number with detail of publisher:

1. Data Structures and Files in C by Shirish S. Sane, Neeta Deshpande, Technical Publication, Pune 2007 , ISBN 8184311672, 9788184311679
2. Theory of Computer Science by Shirish S. Sane, Technical Publication 2007, Pune ISBN 8189411314, 9788189411312
3. Distributed System, Neeta Deshpande, Snehal Kamalapur, Technical Publications; 1 edition 1 March 2014, ISBN-10: 9350993759, ISBN-13: 978-9350993750
4. Course Material on Operating system by Snehal Kamalapurfor WAWASAN Open university, Malaysia 2007
5. Chapter in Handbook of Research on Soft Computing and Nature-Inspired Algorithms, Snehal Kamalapur, Varsha Patil, IGI Global, International Publisher of Information Science and Technology Research, USA, ISBN 9781522521280 Release Date : June 2017
6. Data Structures by Seema K. Gondhalekar, Vaishali Tidke, Nirali Publication, Pune, 2009 ISBN 938006492-6
7. Data Structures & Files by Seema Gondhalekar, Vaishali Tidke, Nirali Publication, Pune 2009

8. Course Material for 'Data Structures in Java', Neeta Deshpande, Seema K. Gondhalekar for WAWASAN Open university, Malaysia, 2007
9. Computer Networks by Latit A. Patil, Satish Wagh, Vishkarma Publication, Pune, ISBN 9788383572618

Name of Faculty	Number of paper published in peer reviewed journal	Number of publication listed in international database	Citation Index	H -index	Impact Factor
Dr. Shirish S.Sane	17	4	40	3	3.2
Nitin M.Shahane	13	--	11	2	5.9
Dr.Snehal M.Kamalapur	28	5	177	4	3.13
Priti P.Vaidya	2	--	2	1	1.2
Suruchi M. Malao	1	--	--	--	
Satish S. Banait	10	--	2	1	3.2
Shital S. Bhandare	3	--	1	1	1.6
Rutuja H. Jadhav	1	--	5	1	
Priyadarshini I.	2	--	5	1	3.3
Jyoti R.Mankar	7	--	3	1	2.39
Neha G. Sharma	2	--	0	0	1.69
Wasudev W. Pingle	1	--	--	--	
Monali M. Metkar	2	--	--	--	
Chaitali R. Patil	3	--	--	--	3.2
Dhananjay M. Kanade	1	--	3	1	1.02
Anand V. Kolapkar	2	--	--	--	1.2
Seema K. Gondhalekar	2	--	36	2	
Smita T. Patil	1	--	--	--	
Kushal P. Birla	1	--	3	1	
Megha J. Patil	1	--	--	--	
Sumedha K. Chumble	1	--	--	--	
Shyam Gade	1	--	2	1	
Geeta R. Gupta	2	--	4	1	3.82

**20. Areas of consultancy and income generated** – Consultancy work being carried out currently for 'Sanket Innovations'. The work is related to extraction of online data from government websites useful for lawyers.

## **21. Faculty as members in**

### **a) National Committees:**

Sr. No.	Name of the Faculty	Name of the Committee
01.	Prof. Dr. S. S. Sane	Regional Vice President, Computer Society of India,(Region-VI), Maharashtra & Goa and Member of Executive committee, CSI

### **b) International Committees: (Reviewers of journal, transactions)**

- 1) Prof. Dr. S. S. Sane – International Journal of Business Intelligence and Data Mining

### **c) Editorial Boards - Nil**

### **d) Any other committee:**

### **Prof. Dr. S. S. Sane worked as**

- 2000-2015 -Chairman of BoS in Computer Engg., Pune University, Member of Academic Council , BUTR & RR

- 2000-till date - Member of BoS in Computer Engg., Member of Faculty of Engg SPPU, Pune & NMU , Jalgoan, Member of BoS in Computer , Govt. Poly., YCMOU, Nashik, Member of Technical Advisory committee YCMOU, Nashik, Member of BoS in Computer Engg, VIT Pune & Cummins Woman's college, Pune (Both Autonomous Institute), Member of AdhocBoS in IT, BAMU Pune & in Biotechnology, SPPU Pune
- Worked as Member of MC, IE(I) & IETE Nashik local centre, Member of Technical Advisory committee NMC, Nashik, Chairman, Vice chairman, Secretary, treasurer CSI Nashik, Member of NITA

## 22. Student projects

Academic Year	UG		PG	
	% of students who have done in-house projects	% projects in organization outside the Institute	% of students who have done in-house projects	% projects in organization outside the Institute
2017-18	81.58	18.42	100	0
2016-17	75.67	24.32	100	0
2015-16	74.41	25.58	100	0
2014-15	86.84	13.15	100	0
2013-14	87.50	12.50	100	0

## 23. Awards / Recognitions received by faculty and students

Academic Year	Total Number of students awards	Total Number of Faculty awards	Recognitions received by faculty
2017-18	34	02	07
2016-17	54	00	06
2015-16	11	01	12
2014-15	45	03	08
2013-14	40	04	08

Sr. No	Academic Year	Class	Name of student	University rank	Percentage
1	2014-15	B.E.	Patil Vishakha	10	77.00
2	2013-14	S.E	Karade Himani	04	80.73
3	2011-12	B.E	Lamba Anisha	02	77.93

## 24. List of eminent academicians and scientists / visitors to the department

Sr. No	Date	Name of visitors	Designation, Name of Affiliated Institute/ Company
A.Y. 2017-18			
1	25/04/2018	Praveen Pathak	General Manager Bosch Ltd, Bangalore
2	27/03/2018	Arun Sharma	Associate Director, NTT Data, USA
3	23/03/2018	Mahesh Jadhav	Sr.Programmer, TCS, Pune
4	21/03/2018	Hasit Kaji	Vice president, Special Initiatives Tata Consultancy Services
5	24/01/2018	Ankitkumar Singh	Security Task Force Member Mozilla
6	28/08/2017	Pankaj Muthe	Program Manager, Academic Program, APAC Qlik, Mumbai
7	22/08/2017	Sanjay Acharya	Senior Management Consultant, IBM North Carolina Area USA

8	19/08/2017	Prathamesh Karmalkar	Senior data Scientist at Genpact Smart Decision Lab Bangalore
9	27/07/2017	Mahesh Deostali	MPM Consultant, Pune
A.Y.2016-17			
10	10/03/2017	Padmashree Dr. D. B. Pathak	Professor, Department of Computer Science and Engineering, IIT Bombay
11	22/12/2016	Ravindra Singhal	Commissioner of Police, Nashik
12	23/09/2016	Shreekant Dashputra	IT Head, Bosch, Nashik
13	23/09/2016	P. Rajshekhar	Director, Motivity Labs, Hyderabad
14	17/06/2016	Atul Kahate	Industry Professional and Technical Author, Pune
A.Y.2015-16			
15	11/03/2016	Dipti Kulkarni	Vice President, Bank of America in New Jersey
16	17/03/2016	Suchit Tiwari	Director, Congnifront Pvt. Ltd Nashik
17	09/02/2016	Dr. Anirban Basu	President Computer Society of India, Bangalore
18	09/02/2016	Sanjay Mohapatra	Hon. Treasurer Computer Society of India, Odisha
19	22/02/2016	Dr. A. P. Khedkar	Professor, Matoshree COE, Nashik
20	05/10/2015	Dr. S.D. Agashe	Principal Investigator, Virtual Lab COEP, Pune
21	18/06/2015	Ashwin Kandoi	Co-founder, Winjit Technologies, Nashik
22	15/03/2015	Anil Goel	Vice President, Acceture Ltd., Mumbai
23	10/01/2015	Rahul Nene	CEO, Aries Software Nashik
24	19/09/2015	Rajeshkhar Waje	Software engineer, TCS, Pune
25	28/07/2015	Parag Kulkarni	Chief Scientist and CEO, EKLaT Research, Pune
A.Y.2014-15			
26	26/06/2015	Jaideep Patankar	Expert Trainer, Testout Certifications, Mumbai
27	25/06/2015	Colonel Rajesh	Software Engineer, CDAC Pune
28	23/01/2015	Lavanya Adepalli	Research Scholar, INRIA-Paris
29	09/08/2014	Anurag Kenge	CEO, Cybage Solution, Nashik
A.Y.2013-14			
30	28/06/2014	Anuja Kulkarni	CEO, Boot Simply Solution, Pune
31	18/03/2014	GSR Prasad	DGM, HAL, Nashik
32	23/07/2013	Arun Sharma	CRM Consultant, CRM Consultant, Pune
33	07/09/2013	Aditya Abhyankar	Dean, Faculty of Technology, University of Pune
34	07/09/2013	Manasi Patwardhan	Professor, VIT, Pune
35	07/09/2013	Dr. M. S. Joshi	Professor, Govt. COE, Aurangabad

## 25. Seminars/ Conferences/Workshops organized & the source of funding

Sr No	Year	Name of Seminars/ Conferences/Workshops	Level	Source of Funding
1	2017-18	Equinox 18	National	Self-Financed
2	2017-18	Workshop on “Hands on Android Application Development”	Institute	Self-Financed
3	2017-18	Two days State Level Workshop on “Internet of Things”	State	Self-Financed
4	2017-18	Workshop on “Bootstrap & PHP”	Institute	Self-Financed



5	2016-17	Equinox 17	National	Self-Financed
6	2016-17	Workshop on “Computer Forensics”	Institute	Self-Financed
7	2016-17	Workshop on “Google Android”	Institute	Self-Financed
8	2016-17	ETC 2016	National	Self-Financed
9	2015-16	ETCSIT 2015	National	Self-Financed
10	2015-16	Equinox 16	National	Self-Financed
11	2014-15	FDP on Digital Signal Processing	University	Self-Financed
12	2014-15	Equinox 15	National	Self-Financed
13	2013 -14	Workshop on Research Methodology	University	Self-Financed
14	2013-14	Equinox 14	National	Self-Financed
15	2012-13	Equinox 13	National	Self-Financed
16	2011-12	ETCSIT 2012	National	Self-Financed

## 26. Student profile programme/course wise:

Academic Year (Graduation)	UG- Computer Engg						PG- Computer Engg					
	Selected (Admission in F.E.)			Enrolled		Pass %	Selected (Admission in M.E.I)	Enrolled		Enrolled		Pass %
		*CAP	Institute Level	*M	*F			*CAP	Institute Level	*M	*F	
2017-2018	125	87	38	76	49	NA	11	10	1	0	11	NA
2016-2017	127	103	24	60	67		08	6	2	1	8	
2015-2016	127	104	23	58	69		16	14	4	0	16	
2014-2015	128	104	24	50	78		18	17	1	3	15	
2013-2014	127	104	23	56	71		17	14	4	0	17	

\*CAP Centralised admission process governed by DTE

\*M = Male \*F = Female

## 27. Diversity of Students

Name of the program : UG- Computer Engg

Name of the Course	Year	% students from same state	% students from other state	% students from abroad
UG- Computer Engg	2017-2018	98.4	1.6	0
UG- Computer Engg	2016-2017	99.19	0.81(01 student)	0
UG - Computer Engg	2015-2016	93.70	6.29(8 students)	0
UG - Computer Engg	2014-2015	92.96	7.03(9 students)	0
UG - Computer Engg	2013-2014	98.42	1.57 (2 students)	0

Name of the program: PG- Computer Engg

Name of the Course	Year	% students from same state	% students from other state	% students from abroad
ME - Computer Engg	2017-2018	100	0	0
ME - Computer Engg	2016-2017	100	0	0
ME - Computer Engg	2015-2016	100	0	0
ME - Computer Engg	2014-2015	100	0	0
ME - Computer Engg	2013-2014	100	0	0

## 28. How many students have cleared national and state competitive examinations such as NET, SET, GATE, Civil services, Defence services, etc.?



Sr. No.	Academic Year	Number of students			
		GRE	TOEFL	GATE	CAT
1	2017-18	04	02	08	-
2	2016-17	01	01	-	02
3	2015-16	03+2	03+2	0+3	-
4	2014-15	04+4	05+3	02+6	02
5	2013-14	02+2	03+1	0+8	0+1

**29. Student progression**

Student progression/ Year	2017-18	2016-17	2015-16	2014-15	2013-14
UG to PG	1.92%	2.72%	4.79%	4.61%	4.38%
PG to M.Phil.	NA	NA	NA	NA	NA
PG to Ph.D.	Nil	5.55%	Nil	Nil	Nil
Ph.D. to Post-Doctoral	Nil	Nil	Nil	Nil	Nil
Employed- Campus Selection	50.64%	59.18%	54.49%	65.78%	51.09%
Employed- Other than campus recruitment	Nil	Nil	9.58%	13.16%	21.90%
Entrepreneurship/Self-employment	.64%	2.72%	1.20%	1.97%	0.73%

**30. Details of Infrastructural facilities****a) Departmental Library**

	Total No. of Books	Total No. of Titles
UG	1111	946

	Total No. of Books	Total No. of Titles
PG	174	136

**b) Internet facilities for Staff & Students:**

Shared 155 Mbps Leased line internet connections for Staff & Students.

Additional 10 Mbps leased line is available as back-up.

**c) Class rooms with ICT facility: 6 ICT enabled classrooms and 2 seminar halls available****d) Laboratories**

Sr.	Room	Laboratory Name	Area	Equipment Cost till
1	E308-II	Object Oriented Programming Lab	105.00 Sq. m	Rs.46,96,093.45
2	E306-I	Research Laboratory	105.00 Sq. m	Rs.82,19,492.60
3	E303-I	Database System Laboratory	87.50 Sq. m	Rs. 82,28,348.43
4	E303-II	System Software Laboratory	87.50 Sq. m	
5	E403-I	Microprocessor Laboratory	105.00 Sq. m	Rs. 43,38,545.04
6	E408-I	System Security Laboratory	87.50 Sq. m	Rs. 36,69,083.18
7	E408-II	Project Laboratory	87.50 Sq. m	
8	F404	Post Graduate Laboratory-I	119.77 Sq. m	Rs.08,76,214.50
9	E503-I	Programming Laboratory I	87.50 Sq. m	Rs.49,87,886.57
10	E503-II	Programming Laboratory II	87.50 Sq. m	
11	E506-I	Post Graduate Laboratory-II	87.50 Sq. m	Rs. 37,89,786.50
12	E506-II	Business Intelligence Laboratory	87.50 Sq. m	

There are 12 well equipped Laboratories with total equipment cost Rs. 3,88,05,450.27

**31. Number of students receiving financial assistance from college, university, government or other agencies**

Academic Year	SC Scholrship	OBC Scholrship	VJNT Scholrship	SBC Scholrship	ST Scholrship	SC Freeship	OBC Freeship	VJNT Freeship	SBC Freeship	ST Freeship	EBC
2017-18	27	72	22	0	7	26	71	15	2	7	54

2016-17	24	71	23	0	8	24	65	18	3	8	47
2015-16	28	64	26	2	11	24	57	16	1	7	34
2014-15	25	66	28	3	13	23	63	11	0	8	33
2013-14	29	65	22	3	6	26	61	16	0	9	35

**32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts : 57** different expert talks were arranged in department in last 3 Years. Few are listed as follows

Sr. No	Date	Topic lectures / workshops	Name of Expert/Organization
1	24-03-2018	State level Workshop on IOT	Dr.R.S.Tiwari,
2	23-03-2018	Current Trends	Mahesh Jadhav
3	18 -03-2018	Workshop on Bootstrap and PHP	Shubham Bhokare, Weoto Labs,
4	17 -03-2018	Workshop on “Hands on Android	Nikhil Shahane, Bluesky Nasik.
5	10-03-2018	Coding Standards	Ashwini Bidwaik
6	24-01-2018	Are You Safe Online	Ankitkumar Singh
7	28-08-2018	Data Analytics and Qlik	Pankaj Muthe
8	22-08-2018	Design and architectural Thinking	Sanjay Acharya
9	28-07-2018	Career,Relevance and Life	Manish Varma
10	27/07/2018	Microsoft Project Management Tool	Mahesh Deostali
11	25-02-2017	NVIDIA as a gaming platform and OpenGL & Parallel Programming and	Hrishikesh Manohar
12	09-02-2017	Secure Socket Layer-SSL	Sanjeev Mishra
13	19-01-2017	Applications of Beagle bone	Ashish Bhopale
14	17-09-2016	Storage Technology	ChandrashekhraDahale
15	13-09-2016	Customer Relationship Management	Sanjiv Mishra
16	08-08-2016	Network Design	DhananjayPatankar
17	18-07-2016	Computer Forensic and Cyber	Tanmay S Dikshit
18	13-07-2016	Cyber Crime & Security	Shoeb Patel
19	23-03-2016	Goggle technology and Chrome Book	ShashankTodwal
20	11-03-2016	The Agile way	DiptiKulkarni
21	22-02-2016	Control Unit Design	Dr.AnaghaKhedkar
22	09-01-2016	Python Programming- fast lanes	AnubhavYadav
23	30-12-2015	IOT Technology and Programming	Dr.R .S. Tiwari
24	19-12-2015	Software Engineering	Dr. S. A. Kelkar
25	05-10-2015	Workshop on “Virtual LAB”	Dr. S. D. Agashe
26	04-10-2015	Grooming and Skill Development	Dr. R. S. Tiwari
27	21-09-2015	Introduction to Data Science	PrathmeshKarmalkar
28	10-09-2015	Introduction to BigData, Hadoop&	PrayankWaluskar
29	06-09-2015	Effective Technical Writing	ShrikantKarode
30	03-09-2015	IBM Blue Mix	YukteshChintamadaka
31	22-07-2015	Expert Talk on Soft Skills	AshwiniDeshpande
32	28-07-2015	Smart System and Artificial	ParagKulkarni
33	25-07-2015	Ethical Hacking	Mahesh Pawar

### 33. Teaching methods adopted to improve student learning

1. Discussion of questions from GATE
2. Use of MOOCS. (MECR/NPTEL etc.)

3. Discussing content beyond syllabus
4. Code review and debugging activity
5. Conducting Session by Expert faculty.
6. Mini project
6. Flipped learning
8. Crossword
9. gitHub

### 34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Sr.No	Activity	No of Participants
1	Session for House Wives on 'How to use smart phones? And its application'	20
2	Session for senior citizens on epayments	40
2	Hackathon - Finding Solution for Govt.Problems (AICTE) (from Academic Year 2017)	3 teams (each of 6 )
4	Cyber Security Cell – Cyber Security Awareness Program (from Academic Year 2016)	20 + 1 Faculty
	Kumbhathon 2015-16 (Students from KKWIEER developed several important Mobile Apps that are very useful to native citizens as well pilgrims visited Nashik during Kumbhmela.)	39
5	CSI Golden Tech Bridge Programme conducted by Student Branch of CSI KKWIEER, Nashik for Awareness of IT for Housewives and Senior Citizen on 9 <sup>th</sup> Aug 2014	30 Senior Citizens, Housewives & 30 from Students Ashramshala

### Participation in NSS activities

Sr. No	Academic Year	No. of students worked		
		Male	Female	Total
1	2017-18	14	24	38
2	2016-17	14	22	36
3	2015-16	23	21	44

Sr. No	Academic Year	No. of students worked		
		Male	Female	Total
4	2014-15	25	20	45
5	2013-14	23	23	46

### 35. SWOC analysis of the department and Future plans

<b>Strengths</b> <ul style="list-style-type: none"> <li>Motivated and experienced faculty</li> <li>State of the art laboratories and infrastructural facilities</li> <li>Excellent teaching &amp; learning environment</li> <li>Decent placement record</li> <li>Active participation of students in curricular and extracurricular activities</li> <li>Excellent internet bandwidth and campus Wi-Fi facility</li> <li>The alumni at coveted positions both in India &amp; abroad and strong bonding and liaison with them</li> </ul>	<b>Weakness</b> <ul style="list-style-type: none"> <li>Less number of faculty with Ph.D. qualification</li> <li>Fundraising for research</li> </ul>
<b>Opportunities</b> <ul style="list-style-type: none"> <li>Establish stronger relationships with R&amp;D agencies and get funding from them</li> <li>To encourage students for Start-ups</li> <li>Skill development programs from government</li> <li>Incubation centre</li> </ul>	<b>Challenges</b> <ul style="list-style-type: none"> <li>To maintain and further improve Placements</li> <li>Growing competition in educational field</li> <li>Adaptability to industrial requirements</li> </ul>
<b>Future plans</b> <ol style="list-style-type: none"> <li>To further strengthen industry-institute interactions</li> <li>To promote research</li> </ol>	