



ANNUAL ACTIVITIES REPORT

AY 2018-19



Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women, Pune

(An Autonomous Institute affiliated to Savitribai Phule Pune University)

**MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S
CUMMINS COLLEGE OF ENGINEERING FOR WOMEN
KARVENAGAR, PUNE 411052**

**ANNUAL ACTIVITY REPORT
ACADEMIC YEAR: 2018-19**

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**MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S
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Vision:

To be globally renowned institute for imparting quality education and to develop women leaders in engineering and technology.

Mission:

To develop women professionals who are academically and technically competent with strong professional ethics.

1] Members of Governing Body 2018-19

1	Mr. Promoad Gorhe Chairman, MKSSS	Chairman, Management Committee of Maharshi Karve Stree Shikshan Samstha (MKSSS)
2	Mr. Anant Talaulicar Vice President - Cummins Inc. Chairman & Managing Director, Cummins Group India	Member - Industrialist Nominated by the Management of MKSSS
3	Dr. Arpana Beniwal Vivekanand College New Delhi	University Grant Commission (UGC) Nominee
4	Dr. V.B. Gaikwad Director, BCUD, SPPU	Nominee of Savitribai Phule Pune University
5	Dr. G.T. Thampi, Principal Thadomal Sahani College of Engineering, Mumbai.	Nominated by concerned Regional Committee as nominee of the Council, out of the panel approved by the Chairman of AICTE.
6	Dr. Abhay E. Wagh Director, DTE, Mumbai	State Government Nominee (Ex-Officio)
7	Prof. N.D. Patil Vice Chairman, MKSSS	Member – Nominated by MKSSS

8	Mr. Jayant Inamdar Management Committee Member, MKSSS	Member – Nominated by MKSSS
9	Mr. Rajendra Jog Management Committee Member, MKSSS	Member – Nominated by MKSSS
10	Dr. P.V.S. Shastry Secretary, MKSSS	Member – Nominated by MKSSS
11	Mr. Udayan Vithal Phadke Scan Electronics Systems Pune	Member - Entrepreneur
12	Dr. Ravindra Ingle Dean Academics	Member
13	Prof. Ashutosh Muchrikar Dean Students Affair & Alumnae	Member
14	Dr. Madhuri Khambete Director, CCOEW	Member – Secretary MKSSS's Cummins College of Engineering for Women

2] Members of College Development Committee

SN	Name	Affiliation
1	Mr. Promoad Gorhe	Chairperson of the Management MKSSS's Cummins College of Engineering for Women
2	Prof. N.D. Patil	Local Members Nominated by the Management in the field of Education / Industry / Research / Social Service
3	Mr. Jayant Inamdar	
4	Mr. Rajendra Jog	
5	Mr. Vilas Potdar	
6	Dr. P.V.S. Shastry	Secretary of the Management (MKSSS)
7	Dr. Supriya Kelkar	Representative elective among women
8	Dr. Ajit Bhosale	Three Elected Teachers
9	Dr. Vikram Athalye	
10	Dr. Atul Joshi	
11	Mr. Sangram Dalvi	Elected Nonteaching Employee
12	Miss. Aishwarya Landekar	Cultural Secretary
13	Miss. Sakshi Patil	Treasurer
14	Dr. Madhuri Khambete	Principal of the College - Member Secretary

3] Members of Academic Council 2018-19

1	Dr. Madhuri Khambete Director, MKSSS's Cummins College	Chairman
2	Dr. Varsha Patil Matoshree Education Society's Matoshree College of Engineering & Research Centre At Post: Eklahare, Dist: Nashik-423 005.	Three nominees of the Savitribai Phule Pune University nominees
3	Dr. B.S. Karkare Vishwakarma Institute of Information Technology, S.N. 3&4, Kondhwa (Bk), Pune	
4	Dr. Kalyani Joshi Principal, Progressive Education Society's Modern College of Engineering, Pune.	
5	Dr. Vikram Gadre Professor, IIT, Bombay.	Governing Body Nominees
6	Dr. Anuradda Ganesh Director, Research & Innovation Ex-Professor, IIT Bombay, Cummins Technologies India Ltd. Pune	
7	Mr. Datta Kuvalekar Director- Technology & Engineering Forbes Marshall Ltd. Pune	
8	Dr. Sachin Lodha Principal Scientist, TCS (TRDDC), Hadapsar, Pune	
9	Prof. A.N. Muchrikar	Four teachers of the college representing different categories of teaching staff by rotation on the basis of seniority of service in the college.
10	Dr. Sunita Jahirabadkar	
11	Dr. Vikram Athalye	
12	Dr. Anita Patil	
13	Dr. Prachi Mukherji	Chairman, BoS, Electronics & Telecommunications
14	Dr. Supriya Kelkar	Chairman, BoS, Computer Engineering
15	Dr. Anagha Panditrao	Chairman, BoS, Instrumentation & Control
16	Dr. Anagha Kulkarni	Chairman, BoS, Information Technology
17	Dr. Ajit Bhosale	Chairman, BoS, Mechanical Engineering
18	Dr. Madhuri Purandare	Chairman, BoS, Basic Sciences & Humanities
19	Dr. Ravindra Ingle Dean Academics	A faculty member nominated by the Principal (Member Secretary)

4] Members of Internal Quality Assurance Cell

SN	Post	Name	Designation
1	Chairperson	Dr. Madhuri Khambete	Principal
2	Administrative Officers	Ms. Revat Gore	Registrar
		Mr. Prashant Vaichal	Office Superintendent
3	Teachers	Dr. Ravindra Ingle	Dean, Academics
		Prof. A.N. Muchrikar	Dean, Student Affairs & Alumnae
		Dr. Ajit Bhosale	Dean, Examination
		Dr.Sunita Jahirabadkar	Dean, Research & Development
		Dr. Prachi Mukherji	HoD, E&TC
		Dr. Supriya Kelkar	HoD, Computer Engg.
		Dr. Anagha Panditrao	HoD, Instru. & Control
		Dr. Anagha Kulkarni	HoD, Info. Tech.
4	Member from Management	Mr. Promoad Gorhe	Chairman, Management Committee of MKSSS
		Mr. Rajendra Jog	Member, Management Committee of MKSSS
		Dr. P.V.S. Shastry	Secretary, Management Committee of MKSSS
5	Nominee from Student	Miss. Urja Deshpande	Operations Secretary
		Miss. Aishwarya Landekar	Cultural Secretary
	Nominee from Alumnae	Mrs. Preeti Nagarkar	<u>Axonet-emsys</u>
		Mrs. Sudhakshina Girish	Wiksate
	Nominees from Employers / Industrialists	Mr. C'. Shekhar Dhamankar	Forbes Marshall
Stake Holder & Community Representative	Dr. Uday Khedkar	Professor, IIT Bombay	
6	Coordinator	Dr. Vikram Athalye	Dean, Quality Assurance

5] Academics (Programmes and intake) and Enrolment of First Year Students –

The college offers five undergraduate programmes (B.Tech.) in Electronics & telecommunication, Computer engineering, Instrumentation & control engineering, Information technology and Mechanical engineering with total intake of 540 students along with three post-graduate courses (M.Tech.) in E&TC - Artificial Intelligence, Instru – Automation and Mechanical Engineering Design with total intake of 66 students. In A.Y. 2018-19 total students admitted for B.Tech. Courses and for M.Tech. Courses as given in below table.

Programme name	Programme Code	Number of seats sanctioned	Number of Students admitted
B Tech. Electronics and Telecommunication	EC	180	186
B. Tech Computer Engineering	CE	180	194
B. Tech Instrumentation and Control Engineering	IN	60	41
B. Tech Information Technology	IT	60	66
B. Tech. Mechanical Engineering	ME	60	59
M. Tech. E&TC - Artificial Intelligence	ECAI	18	11
M. Tech. Instru - Automation	INA	18	0
M. Tech. Mech - Mechanical Engineering Design	MED	30	22
		606	579

6] Summary of Graduating Students passing

Following is the summary of students graduating from all departments with passing details.

	Total Number of Students	First class with distinction	First Class	Higher Second Class	Fail
Final Year BTECH MECH	69	34	28	2	5
Final Year BTECH INSTRU	58	31	24	0	3
Final Year BTECH IT	71	55	13	2	1
Final Year BTECH COMP	202	158	37	5	2
Final Year BTECH E&TC	204	122	66	6	10

7] Student Achievements

‘Cummins Meritorious student award’

Program toppers i.e. UG students with the highest CGPA in each program received ‘Cummins Meritorious student award’. The award is in the form of Rs.10, 000/- cash.

Recipients of ‘Cummins Meritorious student award’. For the 2018-19 are

1. Viraja Shivbhakta (E&T/C)
2. Rujuta Ghanekar (COMP)
3. Vaidehi Deoskar (Instru)
4. Bhuvaneshwari Iyer (IT)
5. Apurva Dhokey (Mech).

Cummins - Excellence Award for Best Outgoing Student

Final year outgoing students from each department is selected for this Award. Academic performance, achievements in co-curricular / extra-curricular activities, peer group feedback & teachers' feedback are the Criteria for the Best Outgoing. The award is in the form of Rs.10, 000/- cash.

Recipients of ‘Cummins excellence award’. For the 2018-19 are

1. Ritu Sharma (E & T/C)
2. Drishti Jain (Comp)
3. Vaidehi Pawar (Instru)
4. Aarshiya Khandelwal (I.T.)
5. Purva Rajadnya (Mech)

- ☐ Every year students are selected for Cummins Fellowship Program at Purdue University for Master’s Degree. The program allows the sponsorship of two students each year for master’s degree in Mechanical Engineering at Mechanical Engineering School, Purdue University. This year Deepti Gnanaseelan and Radhika Bhopatkar were selected for Purdue program.

8] Student Co-curricular and Extra Curricular Activities

College encourages students to participate in various state, national and international level competitions, workshops, conferences. Our students show remarkable performance in these co-curricular events. To mention important achievements in various co-curricular activities this year are as follows

Student participation in various workshops:

Sr. No .	Name of the Student	Name of workshop	Level	Date	Organizer
1	Mrunal Tambe	Social Entetpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
2	Priyanka Mungale	Workshop on Robotics and Automation	State	29-30th Sept.2018	SKNCOE
3	Priyanka Mungale	Introduction to Android App Development Workshop	State	2018	Quadstudio
4	Gayatri Amrutkar	Social Entetpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
5	Divya Kabra	Social Entetpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
6	Shivani Rege	Workshop on Robotics & Automation	State	29th-30th September 2018	SKNCOE
7	Prachi Patankar	Workshop on Robotics & Automation	State	29th-30th September 2018	SKNCOE
8	Anshuja Kinage	Basic Digital Marketing Workshop	State	5th-6th Oct.2018	DIGISAS Pvt.Ltd.
9	Manali Gaikwad	Basic Digital Marketing Workshop	State	5th-6th Oct.2018	DIGISAS Pvt.Ltd.

10	Apurva Baru	Basic Digital Marketing Workshop	State	5th-6th Oct.2018	DIGISAS Pvt.Ltd.
11	Rachna Relekar	Social Entetrpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
12	Manasi Khandekar	Workshop on Robotics & Automation	State	29th-30th September 2018	SKNCOE
13	Tahiti Dey	Social Entetrpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
14	Shambhavi Deshpande	Social Entetrpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
15	Rakshanda Dhawane	Social Entetrpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
16	Aishwarya Dhone	Social Entetrpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
17	Gayatri Amrutkar	Social Entetrpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
18	Pranali Gadhave	Social Entetrpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
19	Vaideshi Inamdar	Social Entetrpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
20	Ketaki Vidhate	Social Entetrpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
21	Shweta Shinde	Social Entetrpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
22	Divya Sakhare	Social Entetrpreneurship Workshop	State	12th October 2018	EPIC, Symbiosis and IIT Bombay
23	Madhura Kurhadkar	Computer Vision Workshop	National	14 -16 December 2018	IIT Bombay

24	Shreya Upadhyay	Cyber Disease-Ethical Hacking	National	6-7 October 2018	MESCOE Pune, IIT Bombay
25	Kshitija Yeole	Cyber Disease-Ethical Hacking	National	6-7 October 2018	MESCOE Pune, IIT Bombay
26	Shalmalee Chaudhary	Cyber Disease-Ethical Hacking	National	6-7 October 2018	MESCOE Pune, IIT Bombay
27	Pooja Patel	Cyber Disease-Ethical Hacking	National	6-7 October 2018	MESCOE Pune, IIT Bombay
28	Darshita Kumar	Cyber Disease-Ethical Hacking	National	6-7 October 2018	MESCOE Pune, IIT Bombay
29	Mahima Patel	Cloud Computing	National	14-16 December 2018	IIT Bombay
30	Bhavna Mache	Ethical Hacking & Cyber Security Workshop	State	25-26 August 2018	Pune Institute of Computer Technology(ACM Student chapter, Pune)
31	Vaidehee Salunkhe	Basics Digital Marketing Workshop	State	5-6 October 2018	DIGISAS Pvt ltd Pune
32	Soha Anant Porasnis	Workshop Linuxication'18	State	2018	Dept. of Computer engg. MIT,Pune
33	Himani Bokil	Robotics and Automation Workshop	Intercollege	29-30 September 2018	SKN COE, Pune
34	Ruchita Marathe	Robotics and Automation Workshop	Intercollege	29-30 September 2018	SKN COE, Pune
35	Deepali Jogdand	Robotics and Automation Workshop	Intercollege	29-30 September 2018	SKN COE, Pune

36	Ketki Joshi	Robotics and Automation Workshop	Intercollege	29-30 September 2018	SKN COE, Pune
37	Manali Sawant	Drone Making Workshop	National	15-16 September 2018	COE, Pune
38	Anjali Sharma	Artificial Intelligence Workshop	National	9-10 March 2019	COE, Pune
39	Vaishanvi Malakpure	Artificial Intelligence Workshop	National	9-10 March 2019	COE, Pune
40	Sai Kate	Artificial Intelligence Workshop	National	9-10 March 2019	COE, Pune
41	Aditi Surnis	Artificial Intelligence Workshop	National	9-10 March 2019	COE, Pune
42	Mahima Badewar	Artificial Intelligence Workshop	National	9-10 March 2019	COE, Pune
43	Srushti Rajapure	Artificial Intelligence Workshop	National	9-10 March 2019	COE, Pune
44	Ruchita Wani	Artificial Intelligence Workshop	National	9-10 March 2019	COE, Pune
45	Soha Kshirsagar	Artificial Intelligence Workshop	National	9-10 March 2019	COE, Pune
46	Seema Jakapure	Social Entrepreneurship Workshop	National	12 October 2018	EPIC-Pune, SIT- Pune, AbhodayIIT, Bombay

47	Sanchita Pawar	Social Entrepreneurship Workshop	National	12 October 2018	EPIC-Pune, SIT- Pune, AbhodayIIT,Bombay
48	Pradnya Shelar	Tiva C and MSP430 based Embedded System Design Workshop	National	2-4 March 2019	IET,Pune SdGATE,Bangalore COE, Pune

Student participation/ winners in various competitions:

S N	Name of the Student	Competition Title	Level	Date	Organizer	Participation/ winners
1	Pooja Joshi	Completion of Project on Benchmarking of connectivity Control Modules	State	25 June -6 July 2018	Cummins India Ltd.	Participation
2	Simran Gumber	Project on Data Visualisation using Python	State	18 -19 August 2018	Web & Coding Club IIT Bombay, Internet Academy	Participation
3	Aarfa Sheikh	Project on Data Visualisation using Python	State	18 -19 August 2018	Web & Coding Club IIT Bombay, Internet Academy	Participation
4	Apurva Baru	Project on Data Visualisation using Python	State	18 -19 August 2018	Web & Coding Club IIT Bombay, Internet Academy	Participation
5	Komal Shinde	Project on Data Visualisation using Python	State	18 -19 August 2018	Web & Coding Club IIT Bombay, Internet Academy	Participation

6	Rajrajeshwari Kulkarni	Project on Data Visualisation using Python	State	18 -19 August 2018	Web & Coding Club IIT Bombay, Internet Academy	Participation
7	Aeishanee Dash	Project on Data Visualisation using Python	State	18 -19 August 2018	Web & Coding Club IIT Bombay, Internet Academy	Participation
8	Shrushti Jadhav	IETE Innovation-2019 Project competition	State	30 April 2019	IETE Pune, JSPM Wagholi	Participation
9	Anagha Gunjal	IETE Innovation-2019 Project competition	State	30 April 2019	IETE Pune, JSPM Wagholi	Participation
10	Chaitali Handrale	IETE Innovation-2019 Project competition	State	30 April 2019	IETE Pune, JSPM Wagholi	Participation
11	Ankita Bankar	IETE Innovation-2019 Project competition	State	30 April 2019	IETE Pune, JSPM Wagholi	Participation
12	Purva Chikhalikar	IETE Innovation-2019 Project competition	State	30 April 2019	IETE Pune, JSPM Wagholi	Participation
13	Ankita Gawade	IETE Innovation-2019 Project competition	State	30 April 2019	IETE Pune, JSPM Wagholi	Participation
14	Sayali Yadav	Project Competition	State	04 June 2019	AISSMS IOIT	Winner(1st)
15	Raseswari Tingre	Project Competition	State	04 June 2019	AISSMS IOIT	Winner(1st)
16	Aanchal Zanjari	Project Competition	State	04 June 2019	AISSMS IOIT	Winner(1st)

17	Kanchan Waghchavre	Mindspark.18 Fascinus Fandom	State	2018	COEP Pune	Winner(2nd)
18	Tanvi Pardhi	Mindspark.18 Fascinus Fandom	State	2018	COEP Pune	Winner(2nd)
19	Rutuja Waskar	BAJA 2019	National	23-27 Jan 2019	SAE India	Winner
20	Aditi Gaikwad	BAJA 2019	National	23-27 Jan 2019	SAE India	Winner
21	Chanchal Choudhary	BAJA 2019	National	23-27 Jan 2019	SAE India	Winner
22	Himagi Patil	BAJA 2019	National	23-27 Jan 2019	SAE India	Winner
23	Shivani Rajopadhyay	BAJA 2019	National	23-27 Jan 2019	SAE India	Winner
24	Poonam Pingale	Techno Social Project	State	2018-19	COE, Pune	Winner
25	Nilam Londhe	Techno Social Project	State	2018-19	COE, Pune	Winner
26	Tanvi Apte	Virtual BAJA SAEINDIA 2018	National	13th & 14th July 2018	SAE India	Participation
27	Ketki Date	Virtual BAJA SAEINDIA 2018	National	13th & 14th July 2018	SAE India	Participation
28	Poonam Pingale	Techno Social Project Competition	State	2018-19	COE, Pune	Participation
29	Nilam Londhe	Techno Social Project Competition	State	2018-19	COE, Pune	Participation
30	Rutuja Waskar	BAJA 2019	National	23-27 Jan 2019	SAE India	Overall Rank 30, 1St Team position in Cost Award (mBAJA)

31	Aditi Gaikwad	Virtual BAJA 2018	National	13-14 Jul 2018	SAE India	Overall Rank 30, 1St Team position in Cost Award (mBAJA)
32	Chanchal Choudhary	BAJA 2019	National	23-27 Jan 2019	SAE India	Overall Rank 30, 1St Team position in Cost Award (mBAJA)
33	Himagi Patil	BAJA 2019	National	23-27 Jan 2019	SAE India	Overall Rank 30, 1St Team position in Cost Award (mBAJA)
34	Shivani Rajopadhay	BAJA 2019	National	23-27 Jan 2019	SAE India	Overall Rank 30, 1St Team position in Cost Award (mBAJA)
35	Sumedha Mujjo	Mindspark' 18 (Sudoku)	National	28 - 30 September 2018	COEP , Pune	Participation
36	Rahila Mujumwar	Techno Quiz -18	---	2018	I.C.E.	Participation
37	Ketki Joshi	Techno Quiz -18	---	2018	I.C.E.	Participation
38	Aarya Dethe	ROBOCON 2019	National	16 June 2019	IIT Delhi	Participation
39	Rahila Mujumwar	Mistubishi Electric Cup 2019	National	15-16 Feb 2019	Manav Rachana International Institute of Research and Studies, Faridabad	Participation
40	Sanchali Jadhav	Mistubishi Electric Cup 2019	National	15-16 Feb 2019	Manav Rachana International Institute of	Participation

					Research and Studies, Faridabad	
41	Hasita Bachimnchi	Mistubishi Electric Cup 2019	National	15-16 Feb 2019	Manav Rachana International Institute of Research and Studies, Faridabad	Participation
42	Deepali Jogdand	Cedenz'18 (Contraptio)	National	21-23 September 2018	PICT,Pune	Winner(2nd)
	Deepali Jogdand	Mindspark' 18 (Contraptio)	National	2018	COEP , Pune	Winner(1st)
43	Madhura Pimpale	Mistubishi Electric Cup 2019	National	15-16 Feb 2019	Mistubishi ElectricIndia Pvt. Ltd.	Winner(Bronze Cup)
44	Archa Rane	Mistubishi Electric Cup 2019	National	15-16 Feb 2019	Mistubishi ElectricIndia Pvt. Ltd.	Winner(Bronze Cup)
45	Pooja Shinde	Mistubishi Electric Cup 2019	National	15-16 Feb 2019	Mistubishi ElectricIndia Pvt. Ltd.	Winner(Bronze Cup)
49	Sanjivani Barge	Mistubishi Electric Cup 2019	National	15-16 Feb 2019	Mistubishi ElectricIndia Pvt. Ltd.	Winner(Bronze Cup)
47	Madhura Pimpale	Mistubishi Electric Cup 2019	National	15-16 Feb 2019	Mistubishi ElectricIndia Pvt. Ltd.	Most Popular Award
48	Archa Rane	Mistubishi Electric Cup 2019	National	15-16 Feb 2019	Mistubishi ElectricIndia Pvt. Ltd.	Most Popular Award
49	Pooja Shinde	Mistubishi Electric Cup 2019	National	15-16 Feb 2019	Mistubishi ElectricIndia Pvt. Ltd.	Most Popular Award
50	Sanjivani Barge	Mistubishi Electric Cup 2019	National	15-16 Feb 2019	Mistubishi ElectricIndia Pvt. Ltd.	Most Popular Award

51	Noopur Latkar	Convene 2019 (Project competition)	National	29 March 2019	Smt Kashibai Navale College of Engineering, Pune	Winner(1st)
52	Pranita Menavlikar	Convene 2019 (Project competition)	National	29 March 2019	Smt Kashibai Navale College of Engineering, Pune	Winner(1st)
53	Sai Limaye	Convene 2019 (Project competition)	National	29 March 2019	Smt Kashibai Navale College of Engineering, Pune	Winner(1st)
54	Reet Khanchandani	Googler – Prodigium Mindspark 18	National	September 2018	College of Engg.pune	Winner(3rd)
55	Aditi Khose	Googler – Prodigium Mindspark 18	National	September 2018	College of Engg.pune	Winner(3rd)
56	Amita Ranade	Melange	National	2019	VIT,Pune	Winner(1st)
57	Sakshi Bahadekar	Melange	National	2019	VIT,Pune	Winner(1st)
58	Rutwija Kute	Melange	National	2019	VIT,Pune	Winner(1st)
59	Aishwarya Paithankar	Melange	National	2019	VIT,Pune	Winner(1st)

Students Publications in Conferences/Journals:

Students are always encouraged to publish their work which they do in their projects. Following is a list of prominent research papers published by our students in various conferences/ Journals.

List of publications:

Sr. No.	Name of the Student	Paper Title	Name of the Conference/Journal	Date of Event	Name of organizer/Publisher
1	Mansi Narlawar	Detection of Edited Videos and the software and rendering options used for editing	International Journal of Research and Analytical Reviews, vol 6, Issue.2	02 June 2019	IJRAR
2	Shrunali Paygude	Detection of Edited Videos and the software and rendering options used for editing	International Journal of Research and Analytical Reviews, vol 6, Issue.2	02 June 2019	IJRAR
3	Darshana Pondkule	Visual Cryptography and Image Processing Based Approach For Bank Security Applications	International Conference on Computer Networks and Inventive Communication Technologies Journal of Research and Analytical Reviews, vol 6, Issue.2 2019	23 -24 May 2019	IJRAR

4	Rasika Shaha	Visual Cryptography and Image Processing Based Approach For Bank Security Applications	International Conference on Computer Networks and Inventive Communication Technologies Journal of Research and Analytical Reviews, vol 6, Issue.2 2019	23 -24 May 2019	RVS Technical , Coimbatore, India. Springer
5	Apurva Surve	Visual Cryptography and Image Processing Based Approach For Bank Security Applications	International Conference on Computer Networks and Inventive Communication Technologies Journal of Research and Analytical Reviews, vol 6, Issue.2 2019	23 -24 May 2019	RVS Technical , Coimbatore, India. Springer
6	Samridhi Agarwal	Text to Speech synthesis for Hindi Language using Festival Framework	International Research Journal of Engineering and Technology Journal Vol.6,Issue.3	March.2019	RVS Technical , Coimbatore, India. Springer
7	Shabnam Sheikh	Text to Speech synthesis for Hindi Language using Festival Framework	International Research Journal of Engineering and Technology Journal Vol.6,Issue.3	March.2019	IRJET

8	Priya Pitale	Text to Speech synthesis for Hindi Language using Festival Framework	International Research Journal of Engineering and Technology Journal Vol.6,Issue.3	March.2019	IRJET
9	Ankita Bankar	Analysis of VANET Protocols for Urban and Rural Area Using QualNet Simulator	Journal of Telecommunication Study, Vol. 4 ,Issue 1	2019	IRJET
10	Purva Chikhalikar	Analysis of VANET Protocols for Urban and Rural Area Using QualNet Simulator	Journal of Telecommunication Study, Vol. 4 ,Issue 1	2019	MAT Journal
11	Ankita Gawade	Analysis of VANET Protocols for Urban and Rural Area Using QualNet Simulator	Journal of Telecommunication Study, Vol. 4 ,Issue 1	2019	MAT Journal
12	Ankita Bankar	Comparative Analysis of Protocols Applied in Manet and Vanet Using Qualnet Simulator	International Journal of Current Engineering and Scientific Research, Vol.6,Issue.4	2019	MAT Journal
13	Purva Chikhalikar	Comparative Analysis of Protocols Applied in Manet and Vanet Using Qualnet Simulator	International Journal of Current Engineering and Scientific Research, Vol.6,Issue.4	2019	Technical Research Organisation India

14	Ankita Gawade	Comparative Analysis of Protocols Applied in Manet and Vanet Using Qualnet Simulator	International Journal of Current Engineering and Scientific Research, Vol.6,Issue.4	2019	Technical Research Organisation India
15	Ritu Sharma	Internet Traffic Detection using Naive Bayes and K-Nearest Neighbors (KNN) algorithm	International Conference on Intelligent Computing and Control Systems (ICCS)	15-17 May 2019	Technical Research Organisation India
16	Saniya Sheikh	Internet Traffic Detection using Naive Bayes and K-Nearest Neighbors (KNN) algorithm	International Conference on Intelligent Computing and Control Systems (ICCS)	15-17 May 2019	IEEE
17	Krutika Muley	Internet Traffic Detection using Naive Bayes and K-Nearest Neighbors (KNN) algorithm	International Conference on Intelligent Computing and Control Systems (ICCS)	15-17 May 2019	IEEE
18	Deepti Patil	Stress Level Detection from Human Speech Using Machine Learning Techniques	International Journal of Innovative Research in Science, Engineering and Technology, Vol. 8 Issue 3	March.2019	IJRSET

19	Nikita Mhetre	Stress Level Detection from Human Speech Using Machine Learning Techniques	International Journal of Innovative Research in Science, Engineering and Technology, Vol. 8 Issue 3	March.2019	IJRSET
20	Shweta More	Stress Level Detection from Human Speech Using Machine Learning Techniques	International Journal of Innovative Research in Science, Engineering and Technology, Vol. 8 Issue 3	March.2019	IJRSET
21	Deepti Patil	Comparison between five classification techniques for classifying emotions in human speech	Third International Conference on Intelligent Computing and Control Systems	15-17 May 2019	Vaigai College of Engineering, IEEE
22	Shweta More	Comparison between five classification techniques for classifying emotions in human speech	Third International Conference on Intelligent Computing and Control Systems	15-17 May 2019	Vaigai College of Engineering, IEEE
23	Nikita Mhetre	Comparison between five classification techniques for classifying emotions in human speech	Third International Conference on Intelligent Computing and Control Systems	15-17 May 2019	Vaigai College of Engineering, IEEE
24	Vaishnavi Joshi	Multiple Account Access Using Embedded Smart Card	Journal of Emerging Technologies and Innovative Research, Vol.6, Issue 4	April 2019	JETIR

25	Deoyani Joshi	Multiple Account Access Using Embedded Smart Card	Journal of Emerging Technologies and Innovative Research, Vol.6,Issue 4	April 2019	JETIR
26	Poonam Kabra	Multiple Account Access Using Embedded Smart Card	Journal of Emerging Technologies and Innovative Research, Vol.6,Issue 4	April 2019	JETIR
27	Isha Talegaonkar	Real time facial expression recognition using deep learning	International conference on communication and information processing	2019	Elsevier-SSRN
28	Kalyani Joshi	Real time facial expression recognition using deep learning	International conference on communication and information processing	2019	Elsevier-SSRN
29	Shreya valunj	Real time facial expression recognition using deep learning	International conference on communication and information processing	2019	Elsevier-SSRN
30	Rucha kohok	Real time facial expression recognition using deep learning	International conference on communication and information processing	2019	Elsevier-SSRN

31	Snehal Pendharkar	Geospatial Artificial Intelligence: The power of 'Where'	International Conference on Innovations in Communication, computing and Automation	2019	ICICCA
32	Snehal Waswani	Geospatial Artificial Intelligence: The power of 'Where'	International Conference on Innovations in Communication, computing and Automation	2019	ICICCA
33	Yashika Dessai	Geospatial Artificial Intelligence: The power of 'Where'	International Conference on Innovations in Communication, computing and Automation	2019	ICICCA
34	Srishti Sinha	Geospatial Artificial Intelligence: The power of 'Where'	International Conference on Innovations in Communication, computing and Automation	2019	ICICCA
35	E. Rajlaxmi	Implementation of the RnSIR Model	2018 IEEE Punecon	30 Nov- 2 Dec 2018	IEEE
36	Prajakta Kumbhojkar	Implementation of the RnSIR Model	2018 IEEE Punecon	30 Nov- 2 Dec 2018	IEEE
37	Shyamsalinee Rawal	Implementation of the RnSIR Model	2018 IEEE Punecon	30 Nov- 2 Dec 2018	IEEE
38	Masumi Jain	Implementation of the RnSIR Model	2018 IEEE Punecon	30 Nov- 2 Dec 2018	IEEE

39	Prajakta Kumbhojkar	Interface Implementation for Quantifying Information Spread on Social Networks	2018 IEEE 6th International Conference on MOOCs, Innovation and Technology in Education (MITE)	29-30 November 2018	IEEE
40	Masumi Jain	Interface Implementation for Quantifying Information Spread on Social Networks	2018 IEEE 6th International Conference on MOOCs, Innovation and Technology in Education (MITE)	29-30 November 2018	IEEE
41	E. Rajlaxmi	Interface Implementation for Quantifying Information Spread on Social Networks	2018 IEEE 6th International Conference on MOOCs, Innovation and Technology in Education (MITE)	29-30 November 2018	IEEE
42	Shyamsalonee Rawal	Interface Implementation for Quantifying Information Spread on Social Networks	2018 IEEE 6th International Conference on MOOCs, Innovation and Technology in Education (MITE)	29-30 November 2018	IEEE
43	Laxmi Munot	Automatic Pipe Cutting Machine	International Journal of Scientific Research and Review, vol 8, Issue 6	June 2019	IJSRR
44	Nikita Bolbhat	Automatic Pipe Cutting Machine	International Journal of Scientific Research and Review, vol 8, Issue 6	June 2019	IJSRR

45	Pratiksha Lokhande	Automatic Pipe Cutting Machine	International Journal of Scientific Research and Review, vol 8, Issue 6	June 2019	IJSRR
46	Shweta Kharge	Automatic Pipe Cutting Machine	International Journal of Scientific Research and Review, vol 8, Issue 6	June 2019	IJSRR

Professional Society Activities: Student Chapter

1. IEEE (Institute of Electrical and Electronics Engineers) Students' Branch:

Various technical and non-technical activities are conducted under the IEEE student branch. The activities include workshops, industrial visits, guest lectures, webinars, panel discussion, competitions etc. Through these activities, students get exposure to recent trends in the technological field as well as they get the opportunity to work for the society which helps in overall development of the students.

	Activity	
1	Guest Lectures/ Webinars	Project Planning and Implementation'
		Artificial Intelligence & its applications
		Lecture on 'Communication Satellites and ISRO' for E&TC and Instrumentation Faculty
		'Models of Regression'
		'Societal applications of Space Science'
2	Workshops	Two days workshop on 'Python based Artificial Intelligence'
		Basics of Python-with hands on
		Ethical Hacking and Information Security
		Machine Learning and Deep Learning using Matlab
3	Competition	C language coding competition
		Aptitude test for the SY E&TC students
4	Industrial Visits	Avaya India Pvt Ltd., Pune

2. ASME (American Society of Mechanical Engineers) Cummins Student Section:

The section includes student members from core engineering branches of Mechanical, Electronics and Telecommunication, and Instrumentation. A number of events and activities including guest lectures, workshops, and competitions, industrial visits that help students in their professional development and update them with the current trends in technology are organized by the section. It is unique and one of the broadest knowledge-sharing platforms for students of Mechanical and non-Mechanical Engineering.

Sr. No.	Activity
1	Guest Lecture: Touch the sky with glory
2	Guest Lecture: Summary of IC engines and future scope
3	Industrial visit to TATA Motors, Pimpri
4	Design Competition Mechathon'
5	Industrial visit Cummins India Ltd. Plant, Phaltan

3. CSI Student's Chapter:

CSI is an active national organization which stands on the strength of technically sound professionals and students. CSI offers seminars, workshops and technical events on ongoing trends. On this wonderful platform students organize and display the organizational skills and interact with technocrats in a way giving them a versatile exposure.

Sr. No.	Activity
1	Session on "Computer Literacy"
2	Organized Presentation Competition
3	Organized Panel Discussion

4. SWE (Society of Women Engineers) CCEW Affiliate:

SWE CCEW aims at the overall development of a student by organizing events for mentorship, networking, finance, self-learning, and many more. SWE conducts outreach events to promote STEM education in young passionate minds.

Sr. No.	Activity
1	Careers in Satellite Development
2	Science in Everyday Life
3	Poster Exhibition on 'Women who Persisted in Engineering'
4	Talk on 'Inclusion and Diversity'
5	Talk on 'Women's Health Awareness'

5. ISA (International Society of Automation) Student Chapter:

ISA is the professional home for engineers, technicians, leaders and students engaged in industrial automation.

Sr. No.	Activity
1	Student Led Conference
2	Industrial Visit

6. ACM-W Student chapter, CCEW

ACM-W aims to support, celebrate and advocate internationally for the full engagement of women in all aspects of the computing field. The focus of ACM-W is to inspire, motivate and encourage women to join the field of computing and eventually sustain and grow in the profession. Through its various activities, the organization facilitates the progress of women in computing-related work and education.

The activities conducted this year are as follows

Sr. No.	Professional societies/ chapters and organizing engineering events	Date	Resource Person / Organization/Participation	Participation
1	Coding Contest "Code It"	1st September 2018	ACM-W CCEW Chapter	All students of CCEW.
2	Session on "Cloud Computing"	12th September 2018	Ms. Harshda Jivane, Microsoft Hyderabad.	All students of computer department
3	Session on "AI and ML Business and Industry perspective"	28 th Feb 2019	Mr. Bhaswar Goswami, IBM	All TY computer students
4	Panel discussion on "How to build a strong career"	22nd Feb 2019	Mr. Atul Deshpande (Senior Project Manager, Infosys Ltd) Dr. Sandeep Deshmukh (founder at Sadepach Labs, Pvt. Ltd) and Ms. Manisha Temkar (Manager - Engineering at Sailpoint)	All students

Students Clubs:

Entrepreneurship cell:

- To promote entrepreneurship and self-reliance among our students, we have developed a conducive environment with various initiatives related to entrepreneurship
- Following events/ activities were organized this year

	Activity/ Event	Date	No. of Participants
1	E cell team formation	1st July 2018	9
2	Introduction of Basic Entrepreneurship as credit course in curriculum	July 2018	106
3	50 Rs. activity	19th July 2018	106
4	E-cell introductory session for first year students and logo design competition	24 th august 2018	100
5	Innovative business idea competition	5 th Sept 2018	35
6	Hunar 2.0	28 th Sept 2018	2 teams
7	Social Entrepreneurship workshop	12 th Oct 2018	150
8	Business Idea Competition	2 nd Feb 2019	27

- Details of sports and cultural events / competitions organised by the institution and participated:**

Sports Activities:

Our college students participate in different inter college events and also represent our university zonal inter-university sport events.

This year our students participated in an intercollege sport competition organized by SPPU in different events as mentioned below.

- Remarkable achievements of our students**

Sr No.	Name of the Student	Competition Title	Name of the Sport	Level	Date	Organizer	Winner
1	Pradnya Mundargi	Summit 18	Basketball (Women)	National	4 -8 Sept 2018	MIT WPU	Winner (First)
2	Pradnya Mundargi	Pune City Zonal Sports	Basketball	Intercollege	2018	SPPU, Pune	Winner (Second)

3	Handrale Chaitali Gurunath	Pune City Zonal Sports	Football	Intercolle ge	2018	SPPU, Pune	Winner (Frist)
4	Bagal Rachita Sharad	Pune City Zonal Sports	Football	Intercolle ge	2018	SPPU, Pune	Winner (First)
5	Kajal Shrawagi	Zest 19	Vollybal 1 (W)	National	2019	COEP,Pu ne	Winner (Runne r up)
6	Manasi Bhandarkar	Zest 19	Handbal 1	National	2019	COEP,Pu ne	Winner (Frist)
7	Manjushree Jiwane	Zest 19	Volleyb all	National	2019	COEP,Pu ne	Winner (Secon d)
8	Rucha Mehta	Zest 19	Cricket	National	2019	COEP,Pu ne	Winner (Secon d)
9	Rutuja Ghorpade	Zest 19	Football	National	2019	COEP,Pu ne	Winner (Secon d)
10	Dhanshree Kasture	Zest 19	Chess (Classic al)	National	2019	COEP,Pu ne	Winner (Frist)
11	Dhanshree Kasture	Zest 19	Chess (Blitz)	National	2019	COEP,Pu ne	Winner (Frist)
12	Kajal Shrawagi	Elevate 19	Volley ball	Intercolle ge	18-24 Feb 2019	PICT Pune	Winner (Frist)
13	Pradnya Mundargi	Zest 19	Handbal 1	National	2019	COEP,Pu ne	Winner (Frist)
14	Pradnya Mundargi	Zest-19	Basketb all	National	2019	COEP,Pu ne	Winner (Frist)
15	Pradnya Mundargi	PACE 19	Basketb all	Intercolle ge	2019	AIT Pune	Winner (Frist)
16	Darshana Pondkule	Zest 19	Cricket	National	2019	COEP,Pu ne	Winner (Secon d)
17	Sakshi Sonawane	Zest19	Javelin Throw	National	2019	College of Engg. Pune	Winner (First)

18	Sakshi Sonawane	PACE19	Football	Intercollege	2019	Army Institute of Technology Pune	Winner (First)
19	Chaitali Handrale	PACE19	Football	Intercollege	2019	Army Institute of Technology Pune	Winner (First)
20	Prajakta Chavan	Summit 2018	Basketball	National	4th-8th Sept.2018	MIT College of Engineering, Pune	Winner (First)
21	Sushma	PACE19	Football	Intercollege	2019	Army Institute of Technology Pune	Winner (First)
22	Prajakta Chavan	Zest 2019	Basketball	National	2019	College of Engg. Pune	Winner (First)
23	Prajakta Chavan	Zest 2019	Handball	National	.2019	College of engg. Pune	Winner (First)
24	Prajakta Chavan	Pace 19	Basketball	Intercollege	2019	Army Institute of Technology, Pune	Winner (First)
25	Khushboo Chamedia	Zest 2019	Volleyball	National	.2019	College of engg. Pune	Winner (Second)
26	Reet Khanchandani	Zest 2019	cricket	National	.2019	College of engg. Pune	Winner (Second)
27	Anshu Desai	Zest 2019	cricket	National	.2019	College of engg. Pune	Winner (Second)
28	Jare Harshada	Zest 2019	Volleyball	National	2019	College of engg. Pune	Winner (Second)

29	Apurva Bhapkar	Zest 2019	Triple Jump	National	2019	College of engg. Pune	Winner (First)
30	Vedika Bhende	Zest 2019	Table tennis	National	2019	College of engg. Pune	Winner (First)
31	Dhanashree Patil	Zest 2019	Volleyball	National	2019	College of engg. Pune	Winner (Second)
32	Vidushi Mishra	Zest 2019	Volleyball	National	2019	College of engg. Pune	Winner (Second)
33	Prajakta Chavan	Pune City Zonal Sports	Basketball	Intercollege	2018-19	Savitribai Phule Pune University Pune	Winner (Second)
34	Sushma Gopinath	Pune City Zonal Sports	Football	Zonal	2018-19	Savitribai Phule Pune University Pune	Winner (First)
35	Shivani shinde	Pune City Zonal Sports	Chess	Intercollege	2018-19	Savitribai Phule Pune University Pune	Winner (First)
36	Khushboo Chamedia	Elevate 19	Volleyball	Intercollege	18 - 24 Feb.2019	Pune Institute Of Computer Technology , Pune	Winner (First)
37	Jare Harshada	Elevate 19	Volleyball	Intercollege	18 - 24 Feb.2019	Pune Institute Of Computer Technology , Pune	Winner (First)
38	Purva Bhoir	ZEST'2019	Basket Ball	National	2019	COEP, Pune	Winner (First)

39	Purva Bhoir	Summit'18	Basket Ball	National	4-8 Sept 2018	MIT, Pune	Winner (First)
40	Purva Bhoir	Pune City Zonal Sports	Basket Ball	Intercollege	2018-19	SPPU	Winner (Second)
41	Purva Bhoir	PACE'19	Basket Ball	Intercollege	2019	AIT, Pune	Winner (First)
42	Tejaswee Khare	Pune City Zonal Sports	Table tennis	Intercollege	2018-19	Pune City Zonal Committee	Winner (Third)
43	Riya Jail	Badminton Women Tournament	Badminton	Interzonal	2018-19	Board of Sports and Physical Education	Winner (First)
44	Riya Jail	West Zone Inter University Badminton Tournament	Badminton	All India Inter University	2018-19	Vellore	Winner (Second)
45	Anushka Mukherji	Zest 19	Handball	National	2019	COEP	Winner (First)
46	Anushka Mukherji	Zest 19	Basketball	National	2019	COEP	Winner (First)
47	Anushka Mukherji	City Zonal Sports	Basketball	Intercollege	2018-19	Pune city Zonal Sports Committee	Winner (Second)

□ **Cultural activities:**

Our students participate in various prestigious cultural competitions organized at state and intercollege level at individual level as well as in team events.

Sr. No.	Year	Name of the Student	Competition Title	Level	Date	Organizer	Participation/ Winner
1	Manasi Shinde	Largest Lavani Dance	State	23 Dec 2018	High Range Book of World Records	Participation	Manasi Shinde
2	Shweta Shinde	Melange 18 (Snap Hunt)	Intercollege	2018	VIT Pune	Participation	Shweta Shinde
3	Sanskriti Warambhey	Impressions (So Duet)	Intercollege	13 -15 Dec.2 018	COEP Pune	Participation	Sanskriti Warambhey
4	Sanskriti Warambhey	Impressions (Street Forward)	Intercollege	13 -15 Dec.2 018	COEP Pune	Participation	Sanskriti Warambhey
5	Soumya Keshavnath	Kalpataru Festival (National Dance Competition)	National	29 April 2019	Natyalkeshi Academy of Performing Arts Solapur	2nd Prize(Duet-Senior Category)	Soumya Keshavnath
6	Soumya Keshavnath	Indian International Dance Festival	National	26-27 January 2019	Sanskriti Bharatiya Vidya Bhavan and Infosys foundation	Participation	Soumya Keshavnath
7	Suhaseeni Rane	Bhartiya Sanskruti Competition	State	2018	Bhartiy Sanskruti Pariksha	Winner (Third)	Suhaseeni Rane

☐ **Other Activities:**

Sr. No.	Name of the Student	Competition Title	Level	Date	Organizer	Participation
1	Shreya Pate	Mimansa 2019	state	13 January 2019	IISER Pune	Participation
2	Pratiksha Deshmukh	Involved in planning & execution of Half Marathon Women	state	28 October 2018	FICCI FLO	Participation
3	Bhavana Bhonde	Involved in planning & execution of Half Marathon Women	state	28 October 2018	FICCI FLO	Participation
4	Gayatri Kulkarni	MUN 2019 (UNHRC Baharin)	--	15-17 March 2019	VIT Pune	Participation
5	Devika Nair	MUN 2019 (UNHRC Bangladesh)	--	15-17 March 2019	VIT Pune	Participation
6	Sonal Chavan	French free taster course online	---	8 Sept 2018	Udemy	Participation
7	Spruha Pingale	B1 level in German language	International	20 March 2019	Goethe Institute	Participation
8	Ojaswita Lokre	GRE Exam	National	14 sept.2018	Educational Testing Service	Participation
9	Kuhoo Saxena	GRE Exam	National	30 July 2018	Educational Testing Service	Participation
10	Kuhoo Saxena	TOEFL iBT Exam	National	2 Sept 2018	Educational Testing Service	Participation

11	Sushruta Kelkar	GRE Exam	National	23 Nov 2018	Educational Testing Service	Participation
12	Sushruta Kelkar	TOEFL iBT Exam	National	25 Nov 2018	Educational Testing Service	Participation

9] NSS Activities:

The NSS unit of our college conducted various activities for our students, staff and society. Staff and students participated in these activities enthusiastically. List of the activities conducted this year are summarized below.

Sr. No.	Name of the activity	Date
1	NSS orientation	27 th Jul 2018
2	Tree Planation	31 st Jul 2018
3	No Horn Day	12 th Sept 2018
4	Swachha Bhart Abhiyan	24 th Sept 2018
5	Beti Bachao Beti Padoo	22 nd Jan 2019
6	Voters Day	25 th Jan 2019
7	Traffic Awareness and Road Safety	31 st Jan 2019
8	Blood Donation Camp	02 nd Aug 2018, 22 nd Aug 2018, 07 th Mar 2019
9	Eye Check-up Camp	12 th Mar 2019
10	Special Camp	25 Dec 2018 to 31 Dec 2018

10] Training and Placement:

- The training and placement cell of our college plays an integral role in creating the illustrious placement record for the college.
- The cell not only ensures smooth functioning of the placement activities in the campus and virtually but also conducts training activities of the students in pursuing their career interests and also grooms and shapes the students to make them industry ready with necessary skills and training so that they get placements and internships in the best of the companies.
- The cell has very active collaborations with industry. More than 150 reputed National and Multinational companies do visit our institution for campus recruitments annually
- These companies include IT companies such as Microsoft, Amazon, Cisco, Veritas, Persistent, Walmart, Western Digital, Fincorp companies such as Goldman Sachs, Deutsche bank, Well Fargo, Bank of America, RBL, service based companies such as Accenture, Infosys, TCS, Cognizant, Capgemini, Wipro, L & T info Tech, DXC Technology, Automobile companies such as Tata motors, Hero MotoCorp, Caterpillar, JCB, Michelin, Mahindra & Mahindra, Faurecia, manufacturing industries like Alstom, Honeywell, Emerson, Forbes Marshall, Thermax, Eaton, Tetra pack, Boeing, Exxon Mobile, Shell.

Branch	Enrolled	Placed	Percentage
E & T/C	205	126	61.46
COMP	217	157	72.35
Instrumentation	65	34	52.31
Information Tech.	83	59	71.08
Mechanical	77	67	87.01
Total	647	443	68.47

Branch	No of Students Placed	No of Students Placed (%)	Max. Package in Lakhs	Min. Package in Lakhs	Average Package in Lakhs	No. of Company Visited
ENTC	126	61.46	18.57	2.65	5.35	33
Comp	157	72.35	39.5	3.29	8.77	46
Instru	34	52.31	10.13	3.8	5.28	15
IT	59	71.08	39.5	3.25	8.37	46
Mech	67	87.01	10.13	3	5.35	26

11] Industry Interaction (MOU):

Our college has signed a MoU with the following mentioned industries and universities.

S. N.	MoU sign with University/Industry	Date of MoU	Purpose
1	TRIZ Association of Asia	02/08/2018	Training for becoming creative and idea generation
2	BOEING	31/10/2018	Student projects and scholarships
3	Tridiagonal Solutions Pvt. Ltd.	20/05/2019 to 19/05/2024 (5 Yrs.)	Projects and expert sessions
4	Emerson	27/02/2019	Projects
5	Devise Electronics Pvt. Ltd.	15/03/2019	Consultation projects
6	ifm engineering pvt. ltd.	18/06/2019	Internships
7	Centre for Police Research, Pune	23/05/2019	Student / Faculty Projects

12] Alumnae Association:

Interactions with Alumni on various fronts through respective departments was a practice that continued in the year 2018-19. An annual Alumni meet was organized for 2018-19 (on 13 jan 2018), Alumni from different batches were present. Departments were also encouraged to organize discussions with their alumni with faculty on the same day. Alumni also have started connecting with college / placement offices/ departments using emails, social media too. We also believed that alumni interactions with current students was inspiring, and important for students, and can significantly contribute to college growth. It was decided to initiate the formal formation of an alumni association. departmental alumni representatives were assigned to support alumni interactions.

3] Library:

College library is well furnished with large no. of titles related to engineering courses, basic sciences and also titles for preparation of GRE, Tofil, MBA and many other competitive examinations. Every year new titles are added as per the demand by faculty and students.

The library has organized various activities for staff and students this year which are as follows—

Sr. No.	Activities	Participants
1	1st January to 15th January 2019 - Marathi Bhasha sanvardhan Pandharwada.	-
2	14th January 2019 - Lecture on the topic '1947 to AK 47'. Speaker Colonel Arvind Joglekar	56
3	15th January 2019 - Marathi Book Exhibition	52
4	27th March 2019 - Swami Vivekananda's Chicago Speech completed 125 years - Book Exhibition	60

14] Professional Development Activities for staff

FDP attended by Faculty:

Name of teacher who attended the program	Title of the program	Duration (from) (DD-MM-YYYY)	Duration (to) (DD-MM-YYYY)
Prof.Milly Thomas	Training of teachers for student Induction Programme.	06-06-2019	08-06-2019
Prof.Tillotama Barhate	Art of thesis writing	1 day June 1,2019	
Prof.Tillotama Barhate	Training of teachers for student Induction Programme.	06-06-2019	08-06-2019
Dr.Malini Bapat	Annual Refresher programme in teaching[online]	2019-03-01	
Dr.Malini Bapat	Structural analysis of Nanomaterials	Aug 2018	-Sep 2018
Prof Sangita Gambhir	Problem Based Learning(ICT 03)	20-05-2019	31-05-2019
Dr. Seema Rajput	VLSI Design & Technology	10-07-2018	10-07-2018
Dr. Seema Rajput	Hardware Modelling using Verilog	01-08-2018	07-10-2018
Dr. Mrudul Dixit	Computer Networks and Security	09-07-2018	09-07-2018
Dr. Mrudul Dixit	Artificail Intelligence	13-07-2018	13-07-2018
Padma Hirave	Computer Networks and Security	07-09-2018	07-09-2018
Dr. Mrudul Dixit	AI for All	08-03-2018	08-03-2018
Dr. Anita Patil	Stress Management	01-08-2018	01-09-2018
Prof. Rupali Pawar	Digital Image Processing	01-07-2021	19 -10- 2018
Dr.Shubhangi R.Chaudhary	Introduction to Wireless and Cellular Communications	01-07-2021	19 -10- 2018
Dr. Sharada N. Ohatkar	Principles of Signal Estimation for MIMO/ OFDM Wireless Communication	01-07-2021	19-10-2018
Dr. Ashwini Deshpande	Remote Sensing and Digital Image Processing of Satellite Data	01-07-2021	7 -10-2018

Dr. Ashok Khedkar	Analysis and Design Principles of Microwave Antennas	06-08-2021	7 -10-2018
Dr. Ashok Khedkar	A Hands-on Introduction to Modern Wireless Systems: Theory and Simulation	03-12-2018	06-12-2018
Dr. Bageshree Pathak	Outcome based pedagogy for effective teaching learning	09-01-2018	09-01-2018
Dr. Bageshree Pathak	Python programming	14-12-2018	15-12-2018
Dr. Bageshree Pathak	Auditory signal processing and Matlab programming	10-04-2018	10-06-2018
Dr. Bageshree Pathak	Image Processing using Python	17-01- 2019	18-01- 2019
Prof. T.V.Pawar	The Joy of Computing Using Python	30 -07-2018	19 -10- 2018
Prof.Sandhya Potadar	Cyber Forensics and Ethical Hacking	05-01-2019	06-01-2019
Prof.Sandhya Potadar	Image Processing using Python	17-01- 2019	18-01- 2019
Prof.Sandhya Potadar	Digital Image processing	30 -07-2018	19 -10- 2018
Prof.Manasi Pathade	Digital Image processing	30 -07-2018	19 -10- 2018
Prof Anamika Kumari	Introduction to Non-Linear optics and its Application	30 -07-2018	19 -10- 2018
Prof Anamika Kumari	Computational Electromagnetics and Application	30 -07-2018	19 -10- 2018
Prof Anamika Kumari	NPTEL Awareness	29-11-2019	29-11-2019
Dr Sandeep S Musale	Electronics System Design	13-07- 2018	13-07- 2018
Dr Sandeep S Musale	Digital Image Processing	30 -07-2018	19 -10- 2018
Prof. Mahesh K. Pote	Analysis and Design Principles of Microwave Antennas	08-07-2018	10-09-2018
G.R.Padalkar	Digital Image Processing	30 -07-2018	19 -10- 2018

Ravikant Suryawanshi	Hardware Modelling using Verilog	30-07-2018	07-10-2018
Dr Anita Jain	Entrepreneurship Development, Wadhvani	07-06-2018	20-07-2018
Dr Anita Jain	Hardware Modelling using Verilog	30-07-2018	07-10-2018
Dr. Megha Borse	Basic Electrical circuits	07-01-2018	10-01-2018
Prof Prachi waghmare	Broadband Communication system	13-12-2018	14-12-2018
Prof Prachi waghmare	NPTEL (AICTE Approved FDP) Social networks	01-01-2019	30-4-2019
Prof. Vidya Sisale	PLC and Automation	21-12-2018	21-12-2018
Dr. Mrudul Dixit	Machine Learning	21-12-2018	21-12-2018
Prof. Manasi Pathade	Advances in Machine Learning and Visual Analytics for Forensic and Security Applications	10-12-2018	14-12-2018
Prof. Anamika Kumari	Broadband Communication system	13-12-2018	14-12-2018
Prof. Sandhya Potadar	Ethical hacking and Information Security	05-01-2019	06-01-2019
Prof Prachi waghmare	Awareness about DRDO Research Projects	25-01-2019	25-01-2019
Dr. Anita Patil	Joy of Computing in Python	3 -01-2019	30 -4- 2019
Prof. Tejashree Pawar	Programming in C++	28-01- 2019	31-03-2019
Prof. Tejashree Pawar	Programming in JAVA	28-01- 2019	28-04-2019
Prof. Tejashree Pawar	Parallel Computing	27-05- 2019	31-05-2019
Dr Anita Jain	Awareness about DRDO Research Projects	25-01-2019	25-01-2019
Prof. Tejashree Pawar	Joy of Computing in Python	1-07- 2018	28-10-2018

Dr. Seema Rajput	Basics of Software Defined Radios and practical applications	02-01-2019	27-02-2019
Dr. Bageshree Pathak	Joy of Computing in Python	3 -01-2019	30 -4- 2019
Dr. Ashwini Deshpande	Machine Learning for Engineering and Science Applications	28-01-2019	28 -04-2019
Dr Anita Jain	Total Quality Management	28-012019	31-03- 2019
Prof.Pallavi Ghatkamble	Computer Organization and Architecture	02-01-2019	26-04- 2019
Sagar Vanarase	Cyber Security	17-06-2019	22-06-2019
Padma Hirave	STTP on "Introduction to Network Security (ICT05)"	24-06-2019	28-06-2019
Prof. Snehal Natekar	Joy of Computing in Python	3 -01-2019	30 -4- 2019
Dr. Nivedita Daimiwal	IEEE Python Based Artificial Intelligence	29th Sep 2018	30th Sep 2018
Dr. Nivedita Daimiwal	TEQIP-III 3rd winter school on optimization and optimal control: A data based approach	3rd Dec 2018	7th Dec 2018
Dr. Swati Madhe	IEEE Python Based Artificial Intelligence	29th Sep 2018	30th Sep 2018
Dr. Swati Madhe	Tutorial on How to Develop a New Product that will be a Market Winner by Alex Lyubomirskiy	29th Nov 2018	29th Nov 2018
Dr. Swati Madhe	One day workshop on "Fundamental of PLC and Programming using CODESYS3.5(IEC61131-3)	23rd Feb 2019	23rd Feb 2019
Dr. Swati Madhe	Introduction to IOT and Basics of Python Programming	28th Feb 2019	28th Feb 2019
Dr. V. D. Hajare	University One day workshop on 'Discussion on Syllabus of PEM, Final year instrumentation Engineering 2015 course'	25th July 2018	25th July 2018
Dr. V. D. Hajare	Tutorial on How to Develop a New Product that will be a Market Winner by Alex Lyubomirskiy	29th Nov 2018	29th Nov 2018

Dr. V. D. Hajare	FDP in Entrepreneurship	10th Dec 2018	21st Dec 2018
Dr. V. D. Hajare	Introduction to IOT and Basics of Python Programming	28th Feb 2019	28th Feb 2019
Dr. V. D. Hajare	Course Detail: Automation Studio Basic + Visualization Basic +MARP Technology	6th May 2019	17th May 2019
Dr. V. D. Hajare	AICTE Sponsored Two Weeks FDP on H- Infinity Robust Adaptive and Optimum Control	17th June 2019	29th June 2019
Dr. Vaishali Upadhye	Outcome Based Education	10th Dec 2018	11th Dec 2018
Dr. Vaishali Upadhye	University Syllabus Discussion of Elective-III & Elective-IV subjects, B. E. Instrumentation Engineering 2015 Course (Credit Based)	4th Jan 2019	4th Jan 2019
Dr. Vaishali Upadhye	ISA -Industrial Internet of Things	19th Jan 2019	19th Jan 2019
Dr. Vaishali Upadhye	One day workshop on "Fundamental of PLC and Programming using CODESYS3.5(IEC61131-3)	23rd Feb 2019	23rd Feb 2019
Dr. Vaishali Upadhye	Introduction to IOT and Basics of Python Programming	28th Feb 2019	28th Feb 2019
Dr.Revati Shriram	Completed Diploma GEN TRIZ SPECIALIST (LEVEL1-BASIC)	2018	2018
Prof. Amruta Bahulikar	NPTEL Outcome based pedagogic principles for Effective Teaching	Aug 2018	Sep 2018
Prof. H. T. Patil	Course Detail: Automation Studio Basic + Visualization Basic +MARP Technology	6th June 2019	17th June 2019
Prof. Pratima Kulkarni	Outcome based pedagogic principles for Effective Teaching	Aug 2018 (1 Week)	Sep 2018
Prof. Pratima Kulkarni	NPTEL Introduction to Programming in C.	Aug 2018	Oct 2018
Prof. Y. G. Adhav	Tutorial on How to Develop a New Product that will be a Market Winner by Alex Lyubomirskiy	29th Nov 2018	29th Nov 2018

Prof. Y. G. Adhav	TEQIP-III 3rd winter school on optimization and optimal control: A data based approach	3rd Dec 2018	7th Dec 2018
Prof. Y. G. Adhav	Completed Diploma GEN TRIZ SPECIALIST (LEVEL1-BASIC)	2018	2018
Prof.N.R.Kolhalkar	Recent Trends in Welding and Joining Technology	26 November 2018,	30 November 2018,
Prof.N.R.Kolhalkar	Optimization and optimal control: A Data based approach	3 December,2018	7 December,2018
Prof.N.R.Kolhalkar	ENTREPRENEURSHIP	10 December,2018	21 December,2018
Prof.H.M.Shinde	Optimization and optimal control: A Data based approach	3 December,2018	7 December,2018
Prof.S.A.Kedar	Advanced Research Techniques (ART-19)	3 June,2019	7 June,2019
Prof.S.A.Kedar	Waste to Energy:-Fuel cell andElectrochemical Techniques	17 June,2019	21 June,2019
Prof.H.M.Shinde	Advanced Research Techniques (ART-19)	3 June,2019	7 June,2019
Prof. P. A. Bhore	Problem Based Learning	20 May 2019	31 May 2019
Prof M.A.Vahadne	Strength of Materials	July 2018	Oct 2018
Prof M.A.Vahadne	Introduction to Operations Research	Aug 2018	Sept 2018
Prof M.A.Vahadne	Introduction to Research	Aug 2018	Sept 2018
Prof G S Chandekar	Automotive Product development and Best Manufacturing Practices	6 Feb 2019	10 Feb 2019
Rujuta Agavekar	Ethical Hacking and Information Security	5 January 2019	6 January 2019
Dr. Deepak Watvisave	Awariness about DRDO reserch Projects and opportunities under ARMREB	25th January 2019	25th January 2019
Prof G S Chandekar	BAJA SAE INDIA 2019	12 July 2019	13 July 2019
Dr. Anagha Kulkarni	NPTEL course on Joy of Computing in Python	January 2019	April 2019
Dr. Dipti Patil	FDP on Android for Ubiquitous Computing	10 Dec 18	14 Dec 18
Dr. Dipti Patil	NPTEL course on Joy of Computing in Python	January 2019	April 2019

Dr. Chetana Gavankar	NPTEL course on Joy of Computing in Python	January 2019	April 2019
Dr. Chetana Gavankar	FDP on Android for Ubiquitous Computing	10 Dec 18	14 Dec 18
Madhura Tokekar	NPTEL online Course on Programming in Java	January 2019	April 2019
Leena Sharma	NPTEL course on Introduction to internet of things	January 2019	April 2019
Prajakta Deshpande	FDP on Android for Ubiquitous Computing	10 Dec 18	14 Dec 18
Prajakta Deshpande	NPTEL course on Introduction to internet of things	January 2019	April 2019
Harsha Sonune	FDP on Android for Ubiquitous Computing	10 Dec 18	14 Dec 18
Harsha Sonune	NPTEL course on Introduction to internet of things	January 2019	April 2019
Suchitra Morwadkar	NPTEL course on Introduction to internet of things	January 2019	April 2019
Dr Anagha Kulkarni	Workshop on Cognitive Analytics	7 December 2018	9 December 2018
Dr Anagha Kulkarni	Workshop on Assessment	28 June 2019	28 June 2019
Dr. Dipti Patil	Workshop on CL-IX orientation	17 January 2019	17 January 2019
Mrs.Nutan Deshmukh	2 days FDP on “ Artificial Intelligence & Robotics” (B.E Comp 2015 Course)	5th Jul 2018	6th Jul 2018
Mrs.Nutan Deshmukh	3 days FDP on “ Laboratory Practice -I (B.E Comp 2015 Course)	10th Jul 2018	12th Jul 2018
Ms.Sayali Davalbhakta	3 days FDP on “ Laboratory Practice -I (B.E Comp 2015 Course)	10th Jul 2018	12th Jul 2018
Dr.Chhaya Gosavi	12 Weeks Online NPTEL Course on “Joy of Computing using Python”	6th Aug2018	28th Oct 2018
Mrs.Rakhi Dongaonkar	12 Weeks Online NPTEL Course on “Joy of Computing using Python”	6th Aug2018	28th Oct 2018
Mrs.Madhuri Tasgaonkar	12 Weeks Online NPTEL Course on “Joy of Computing using Python”	6th Aug2018	28th Oct 2018

Mrs.Aparna Hajare	12 Weeks Online NPTEL Course on “Joy of Computing using Python”	6th Aug2018	28th Oct 2018
Mrs.Meenal Kamlakar	12 Weeks Online NPTEL Course on “Joy of Computing using Python”	6th Aug2018	28th Oct 2018
Mrs.Shilpa Pant	12 Weeks Online NPTEL Course on “Joy of Computing using Python”	6th Aug2018	28th Oct 2018
Mrs.Vaishali Salgar	12 Weeks Online NPTEL Course on “Joy of Computing using Python”	6th Aug2018	28th Oct 2018
Dr.Sandhya Arora	8 Weeks Online NPTEL Course on “ Introduction to R Software”	6th Aug- 29th Sept 2018	6th Aug- 29th Sept 2018
Mrs.Nutan Deshmukh	8 Weeks Online NPTEL Course on “ Developing Soft Skills and Personality”	27th Aug 2018	24th Oct 2018
Mrs.Varsha Pimprale	8 Weeks Online NPTEL Course on “ Developing Soft Skills and Personality”	27th Aug 2018	24th Oct 2018
Mrs.Rajashri Kulkarni	4 Weeks Online NPTEL Course on “ Design and Pedagogy of the Introductory Programming”	27th Aug 2018	21th Sept 2018
Mrs.Sakshi Mandke	4 Weeks Online NPTEL Course on “ Design and Pedagogy of the Introductory Programming”	27th Aug 2018	21th Sept 2018
Dr.Sunita Jahirabadkar	GEN TRIZ methodology Specialist completed Level-1 Basic	27th Oct 2018	27th Oct 2018
Ms.Sushila Shelke	One Week TEQIP-III 3rd Winter School on “Optimization and Optimal Control: A data based approach”	3rd Dec – 7th Dec 2018	3rd Dec – 7th Dec 2018
Mr.Hitendra Khairnaar	1-week (TEQIP-III) workshop on “AI and Deep Learning with Hands-on” organized by Computer Engg and IT dept.	19th Dec 2018	23rd Dec 2018
Ms.Sushila Shelke	1-week (TEQIP-III) workshop on “AI and Deep Learning with Hands-on” organized by Computer Engg and IT dept.	19th Dec 2018	23rd Dec 2018

Mr.Saurabh Mengale	2 days FDP on “Laboratory Practice III”	18th Dec 2018	19th Dec 2018
Mrs.Neeta Maitre	2 days FDP on “Laboratory Practice III”	18th Dec 2018	19th Dec 2018
Mrs.Sakshi Mandke	2 days FDP on “Laboratory Practice III”	18th Dec 2018	19th Dec 2018
Dr.Sunita Jahirabadkar	3 days IBM sponsored Workshop on “Cognitive Analytics”	7th Dec 2018	9th Dec 2018
Dr.Chhaya Gosavi	2-days TEQIP-III Sponsored workshop on “Outcome Based Education”	10th Dec 2018	11th Dec 2018
Dr.Chhaya Gosavi	12-weeks NPTEL course on “Machine Learning for Engineering and Science Applications”	Jan 2019	Apr 2019
Mrs.Madhuri Tasgaonkar	12-weeks NPTEL course on “Machine Learning for Engineering and Science Applications”	Jan 2019	Apr 2019
Mr.Hitendra Khairnar	12-weeks NPTEL course on “Machine Learning for Engineering and Science Applications”	Jan 2019	Apr 2019
Ms.Neha Koria	12-weeks NPTEL course on “Machine Learning for Engineering and Science Applications”	Jan 2019	Apr 2019
Ms.Sushila Shelke	2 Days workshop on "3D Simplified Mathematics" under TEQIP-III	16th Feb 2019	17th Feb 2019
Mrs.Nilofer Kittad	8- week NPTEL course on “Big Data Computing”	25th Feb 2019	28th Apr 2019
Ms.Geetanjali Salunkhe	8- week NPTEL course on “Big Data Computing”	25th Feb 2019	28th Apr 2019
Dr. Sunita Jahirabadkar	4- week NPTEL course on “Managing Intellectual Property in Universities”	Jan 2019	Feb 2019
Dr.Sunita Jahirabadkar	12- week NPTEL course on “Patent Law for Engineers and Scientist”	Jan 2019	Apr 2019
Dr.Sunita Jahirabadkar	8- week NPTEL course on “Roadmap for patent creation”	Jan 2019	Mar 2019
Mrs.Shilpa Pant	NPTEL-AICTE (8 week Course) “Cloud Computing”	Feb 2019	Apr 2019

Dr. Neeta Maitre	5 days TEQIP III workshop on “Parallel Computing Summer School(PCSS)-2019”	27thMay 2019	31st May 2019
Dr.Chhaya Gosavi	Faculty Development Program by Shivaji University on “Data Science”, PMMMNMTT,MHRD, Government of India (GoI)	10th Jun 2019	16th Jun 2019
Mr.Hitendra Khairnar	Faculty Development Program by Shivaji University on “Data Science”, PMMMNMTT,MHRD, Government of India (GoI)	10th Jun 2019	16th Jun 2019
Mrs.Meenal Kamlakar	Faculty Development Program by Shivaji University on “Cyber Security” PMMMNMTT,MHRD,G overnment of India Initative	10th Jun 2019	16th Jun 2019
Dr.Chhaya Gosavi	One day FDP by Rubics on “Rubics Data Science”	14th Jun 2019	14th Jun 2019
Mr.Hitendra Khairnar	IBM Faculty Development Program	17th Jun2019	21st Jun 2019
Dr.Shilpa Deshpande	Faculty Development Program by Shivaji University on “Data Science”, PMMMNMTT,MHRD,G overnment of India Initative	17th Jun 2019	22nd Jun 2019
Mrs.Meenal Kamlakar	Faculty Development Program by Shivaji University on “Data Science”, PMMMNMTT,MHRD,G overnment of India Initative	17th Jun 2019	22nd Jun 2019
Mr.Mahendra Deore	Faculty Development Program by Shivaji University on “Data Science”, PMMMNMTT,MHRD,G overnment of India Initative	17th Jun 2019	22nd Jun 2019
Dr.S.S.Deshpande	ACM India Workshop on Assessment	28th Jun 2019.	28th Jun 2019
Dr.S.A.Jahirabadkar	ACM India Workshop on Assessment	28th Jun 2019.	28th Jun 2019
Mrs.A.U.Hajare	ACM India Workshop on Assessment	28th Jun 2019.	28th Jun 2019
Mrs.V.S.Pimprale	ACM India Workshop on Assessment	28th Jun 2019.	28th Jun 2019

List of FDP organized for Faculty:

Sr. No.	No. of participants	Title of the professional development/ administrative training programs organised for teaching staff (Professional development/ administrative training programs)	Duration (from) (DD-MM-YYYY)	Duration (to) (DD-MM-YYYY)
1	10+08	Python- Hands On	13th Dec 2018	14th Dec 2018
2	03+32	Workshop on ethical hacking and information security	5 Jan,19	6 Jan,19
3	32	Android for Ubiquitous Computing	12-10-2018	14/12/2018

List of FDP organized for Nonteaching:

Sr. No.	No. of participants	Title of the professional development/ administrative training programs organised for teaching staff (Professional development/ administrative training programs)	Duration (from) (DD-MM-YYYY)	Duration (to) (DD-MM-YYYY)
1	12	Workshop on Koha and Library Automation	9th March 2019	9th March 2019
2	23	Workshop on Soft Skills	12th June 2019	12th June 2019

15] Research and Development:

College faculty is actively involved in research work, applying for different research grants and consultancy projects. Every year research papers are published in renowned journals and patents are filed based on their research work.

In this academic year the list of research publications, patents published and granted, research grants and consultancy is as follows

A] List of Publications:

1	S. Shelke and V. Attar, "Source detection of rumor in social network--a review," <i>Online Social Networks and Media</i> , vol. 9, pp. 30–42, 2019.
2	M. Deore, U. Kulkarni and B. Patre, "Malware Classification Using Machine Learning: A Survey", <i>Journal of Advanced Research in Dynamical and Control Systems (JARDCS)</i> , vol. 10, no. 10, pp. 181-190, 2018.
3	M. Tasgaonkar, M. Khambete, "Red Profile Moments for Hemorrhage Classification in Diabetic Retinal Fundus Images", <i>Pattern Recognition and Image Analysis</i> , vol. 29, no. 2, pp. 224-229, 2019
4	K. Gunale, P. Mukherji, "Indoor Human Fall Detection System Based on Automatic Vision Using Computer Vision and Machine Learning Algorithms," <i>Journal of Engineering Science and Technology</i> , vol. 13, no. 8, pp. 2587-2605, August 2018. Online ISSN: 1823-4690 (ESCI)
5	H. Kondhalkar, P. Mukherji, "A Novel Algorithm for Speech Recognition Using Tonal Frequency Cepstral Coefficients Based on Human Cochlea Frequency Map," <i>Journal of Engineering Science and Technology</i> , vol. 14, no. 2, pp. 726 -746, April 2019 Online ISSN: 1823-4690 (ESCI)
6	A. Khedkar, M. Sumathi, M. Murugan, "ICI Mitigation in OFDM system using Negative Peak Augmented Raised Cosine Power Pulse," <i>International Journal of Wireless Personal Communications</i> , vol. 109, pp. 657-673, November 2019. DOI : 10.1007/s11277-019-06584-8 (SCIE)
7	S. Paranjape, P. Mukherji, S. Barani, M. Sutaone, "Error control technique for loss recovery in cluster based Mobile Wireless Sensor Networks," <i>Journal of Engineering and Applied Sciences</i> , vol. 14, no. 3, pp. 935-940, January 2019. DOI :10.3923/jeasci.2019.935.940 (Scopus)
8	S. Shekapore and D. D. Patil, "Enhanced e-Learning experience using case based reasoning methodology," <i>Int. J. Adv. Comput. Sci. Appl</i> , vol. 10, pp. 236–241, 2019.
9	G. Dharmale, V. M. Thakare, and D. D. Patil, "Implementation of efficient speech recognition system on mobile device for Hindi and English Language," <i>Int. J. Adv. Comput. Sci. Appl.</i> , vol. 10, no. 2, 2019.
10	S. K. Thombre, L. M. Patnaik, and A. S. Tavildar, "Effect of multiplexing TCP flows on delay sensitivity in the internet communications," <i>CCF Trans. Netw.</i> , vol. 1, no. 1– 4, pp. 37–51, 2019, doi: 10.1007/s42045-019-00015-9.

11	Madhe, S.P., Patil, B.D. & Holambe, R.S., “Design of a frequency spectrum-based versatile two-dimensional arbitrary shape filter bank: application to contact lens detection”, <i>Pattern Analysis and Application</i> (2018). https://doi.org/10.1007/s10044-018-0764-6
12	Atul K Joshi, Balasaheb M Patre, "Sorting of Portable Small Metallic Components using Machine Learning Techniques", <i>International Journal of Applied Engineering Research</i> , Volume 13, issue 23, 2018, PP 16282-16287.
13	Joshi Atul K, Patre Balasaheb M , "A novel method of flaw detection in a Structure Triggered by Pendulum Impact using Acoustic Resonance Frequency Measurement.", <i>Journal of Information Science and Engineering (JISE)</i> , Volume 7, Issue , 2018, PP 1547-1561.
14	Revati Shriram, V. Vijay Baskar, Betty Martin, M. Sundhararajan & Nivedita Daimiwal, “Regression Analysis of Coherence between Concurrent EEG-EEG & EEG-CPPG Signals from Prefrontal Cortex During Music Evoked Emotions”, <i>Journal of Information Science and Engineering (JISE)</i> , Vol-35, No-3, 2019, ISSN: 1016 – 2364
15	Dr. Nivedita Daimiwal, Dr. Revati Shriram . Power Spectral density analysis of time series of pixel of functional magnetic resonance image for different motor activity. <i>Biomedical and Pharmacology</i> , September 2019 Vol 12(3). P.1193-1200.
16	P. Chaware and C. M. Sewatkar, “Effects of tangential and radial velocity on fluid flow and heat transfer for flow through a pipe with twisted tape insert—laminar flow,” <i>Sādhanā</i> , vol. 43, no. 9, Jul. 2018.
17	M. V. Kulkarni and R. B. Ingle, “Validation of set up for experimental analysis of reactive muffler for the determination of transmission loss: Part 1,” <i>Noise & Vibration Worldwide</i> , vol. 49, no. 6, pp. 237–240, Jun. 2018.
18	M. V. Kulkarni and R. B. Ingle, “Attenuation analysis and acoustic pressure levels for double expansion chamber reactive muffler: Part 2,” <i>Noise & Vibration Worldwide</i> , vol. 49, no. 6, pp. 241–245, Jun. 2018.
19	Sham Kulkarni, AK Bewoor, "Analysis of Distributed Defect On Outer Ring Of Ball Bearing Under Radial Load: A Theoretical And Experimental Approach," <i>Journal of Engineering Science and Technology</i> , vol.13 no.11, pp. 3764-3780, Nov. 2018
20	Y. S. Munde, R. B. Ingle, and I. Siva, “Vibration damping and acoustic characteristics of sisal fibre–reinforced polypropylene composite,” <i>Noise & Vibration Worldwide</i> , vol. 50, no. 1, pp. 13–21, Nov. 2018.
21	Y. S. Munde, R. B. Ingle, and I. Siva, “Effect of sisal fiber loading on mechanical, morphological and thermal properties of extruded polypropylene composites,” <i>Materials Research Express</i> , vol. 6, no. 8, p. 085307, May 2019.
22	Y. S. Munde, R. B. Ingle, and I. Siva, “A comprehensive review on the vibration and damping characteristics of vegetable fiber-reinforced composites,” <i>Journal of Reinforced Plastics and Composites</i> , vol. 38, no. 17, pp. 822–832, May 2019.
23	S. Kedar, A. R. Kumaravel, and A. K. Bewoor, “Experimental Investigation of Solar Desalination System Using Evacuated Tube Collector,” <i>International Journal of Heat and Technology</i> , vol. 37, no. 2, pp. 527–532, Jun. 2019

B] List of Patent Published:

	Title of the Patent	Inventors (Faculty)	Inventors (Students)	Application No.
1	System for estimating brain ageing and a Method thereof	1. Dr. Revati Shriram 2. Dr. Nivedita Daimiwal	-----	201821014906
2	System and method for recognizing Handwritten devanagari characters	1. Dr. Sunita Jahirabadkar 2. Dr. Sandhya Arora	Ms. Maitreyee Mhaskar	201821016520
3	System And Method For Providing Remote Access To Vehicles And Reporting Theft On Detection	Prof. Mangal Joshi	1. Ms. Lavina Agarwal 2. Ms. Akshata Jahagirdar 3. Ms. Shruti Limaye	201821036980 A
4	Drawing Tool Attachable System for Measurement of Length of Line Drawn Thereby	-----	Ms. Nikita Joshi	201821039356 A
5	Machine for Casting Dough in Spiral Shape	-----	Ms. Chaitrali Bhoi	201821041709
6	Non-Invasive System For Detection Of Parkinson's Disease And a Method Therefor	Dr. Revati Shriram	1. Ms. Akshada Shinde 2. Ms. Radhika Nibandhe 3. Ms. Rashmi Atre 4. Ms. Anchal Guleria	201821047405

C] Research Grants:

Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Year of Award	Funds provided (INR in lakhs)	Duration of the project
Dr. Anand Bewoor	Rajiv Gandhi Science & Technology Commission Government of India	Government	Mechanical Engineering	16.00 Lakhs	2 years
Dr. Ashwini Deshpande	ISRO-SPPU Joint	Government	Electronics and Telecommunications	8.70 Lakhs	2018 - 2020
Dr. Bageshree Pathak	Centre for Police Research, Pune	Government	Electronics and Telecommunications		2019 - 2024
Dr. Megha Borse	Centre for Police Research, Pune	Government	Electronics and Telecommunications		2019 - 2024
Dr. Shubhangi Chaudhari	Centre for Police Research, Pune	Government	Electronics and Telecommunications		2019 - 2024
Dr. C . Amarnath	Chairs in the institution	Non-Government	Mechanical Engineering	12 Lakhs	2017- 2020

16] Faculty Achievements:

- Dr. Dipti Patil awarded best professor in Information Technology, by Dewang Mehta Foundation and ABP news.
- Mr. Makarand Velankar was appreciated by Wadhvani Foundation for his contribution towards boosting the students to be future entrepreneurs.
- Mr. Praful Meshram cleared the EC- Council USA's Certified Ethical Hacker Certification.
- Dr. Dipti Patil cleared Indian Patent Examination 2018 as well as she was selected as Board of Studies Member at SPPU, Pune.
- Dr. Dipti Patil was selected as Member Board of Studies Information Technology, Savitribai Phule Pune University.
- Dr. Manisha Jail, Dr. Swati Madhe, Dr. Vaishali Upadhye, Dr. Revari Shriram and Dr. Nivedita Daimiwal successfully completed their Ph.D.
- Mrs. Vaishali Salgar was National topper in NPTEL Workshop titled 'Joy of Computing using Python.'
- Mrs.Sakshi Mandke was Topper in 4-weeks NPTEL workshop titled " Design and Pedagogy of the introductory programming"
- Ms.Neha Koria was Topper in a 4-weeks NPTEL workshop titled " Design and Pedagogy of the introductory programming".
- Dr. Chhaya S.Gosavi was Topper in NPTEL workshop titled "Joy of Computing using python"

- Dr. Swati Madhe received "Gunwant Adhyapk Purskar" of Savitribai Phule University in the Academic year 2018-19.
- Dr. Anagha Panditrao is Member of BOS Coordination Committee in Instrumentation Engineering for Savitribai Phule Pune University from AY 2014-15.
- Dr. V. D. Hajare is BOS Member in Government College of Engineering Jalgaon from AY 2018-19.
- Dr. Manisha Jail received the Best Professor in Basic Sciences and Humanities award on 8 th Oct. 2018 which was given by Dewang Mehta National Education Awards.
- Dr. Sharada N. Ohatkar received a Certificate of Appreciation for instrumental role as SPOC (Single Point Of Contact) for the SWAYAM-NPTEL Local chapter.
- Dr. Seema Rajput & Dr. Anita Jain published a Book : "Integrated Circuits" which was published by Gigatech Publishing House for a Second Year Degree course in Electronics /Electronics & Telecommunication Engineering (Sem -IV) (A. Y. 2018-19)