

ZENITH

2k18

Issue-4, Jan-May 2018

Department of Computer Engineering



GPU EDUCATION CENTER



Editors:

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VISION

To contribute to welfare of society by empowering students with latest skills, tools and technologies in the field of Computer Engineering through excellence in education and research.

MISSION

1. To provide excellent academic environment for continuous improvement in the domain knowledge of Computer Engineering to solve real world problem.
2. To impart education to students with innovative and research skills to make them competent to solve social problems.
3. To strengthen link with industry through partnership and collaborative developmental work.

Strengths of Department:

- Department is recognized as a 'GPU Education Center' by NVIDIA.
- Development of innovative projects under "Center of Innovation" cell for students' development.
- Department has facilitated In-house developed 'Digital Library' for all faculty members and students on Apache Hadoop, Open Source distributed computing framework.
- Active conduction of Institute Social Responsibility through 'Aadhar Club'

Students Admitted in 2017-2018

FE	SE	TE	BE	ME
120	169	167	156	8

Staff in 2017-2018

Teaching Staff	Non-Teaching Staff
31	7

Research Activities

A) Center of Excellence

BE projects completed for A.Y. 17-18

1. Military Simulator using Unity 3D
2. Efficient SVM & its compatibility to data sets
3. Accelerating SQL queries using GPU
4. Car make & model recognition

Research Activity Completed

1. Mini project on "Traffic & Road Safety: Animated Clip" in association with animationwala.com

Faculty Project Ongoing

1. Streaming unstructured Big data analytics using GPU

B) Faculty Research Groups

Research Projects submitted to funding agencies

1. AICTE-RPS Smart Monitoring of Road traffic with Air and Noise Pollution Control - Rs. 17,00,000
2. BCUD Smart Cultivation & Prediction Systems for Agriculture - Rs. 2,77,000
3. Farming & Water Stewardship in Scarce Water Areas using IoT & Solar Power – Rs. 2,20,000

Faculty Projects Ongoing

1. Geo-Enabled Platform with Location Intelligence
2. A Virtualization approach to Air Pollution Data Exploration for Mitigating and Management

Student's Achievements

➤ Results

Sr. No.	Year	Toppers	CGPA/ Percentage
1	FE	1) Susmit Deshpande	9.8
		2) Shalakra Kulkarni	9.6
		3) Mahipal Mehta	9.56
2	SE	1) Laghate Kamlesh Aravind	9.18
		2) Tahasildar Shreeya Ashok	9.12
		3) Dhadiwal Sejal Sunil	9.06
3	TE	1) Modi Nikita Nilesh	9.17
		2) Kumbhar Rutuja Ravindra	9.13
		3) Khurd Aishwarya Sanjay	9.11
4	BE	1) Bendre Anuja Vilas	82.23 %
		2) Mulleti Sailahari Brahmam	81.8 %
		3) Bargaje Mohini Dajiba	79.93 %
5	ME	1) Nalinde Punam Balkrishan	8.52
	(FE)	2) Kokane Kajal Laxman	8.16
		3) Deshmukh Prajakta Bharat	8.16
6	ME	1) Kamalakshi Deshmukh	8.64
	(SE)	2) Meenal Pokale	8.48
		3) Ankita Ghodake	8.32

➤ Online Certification

Sr. No	Certification In	Count
1	CPP Tutorial	124
2	Spoken Tutorial Java	70
3	Business & Intelligence	138

➤ Winners of Extracurricular/Sports

- Pranav Jadhav [BE Comp] won 3rd rank Invitational Intercollegiate competition in PANCHE 2018 competitions organized by MKSSS's HNIMR College Pune on 24th and 25th January 2018.
- Omkar Pathak [BE Comp] was awarded as "Best-Outgoing 2017-18" of Computer Department.



Pranav Jadhav at
Carrom Competition -
PANACHE 2018

➤ Co-curricular Activities

Sr No	Date	Event Name	Student Count
1	18 th Jan 2018	Dexterity	16
		a) Demonstration of Digital Prototype	
		b) Innovatus 2k18	35
		c) Logicious	2
2	24 th March 2018	Elocution Competition organized by ISTE students Chapter and MESA	1
3	20 th March 2018	Technical quiz competition "TECH-REX" Conducted under CSI student chapter	59
4	10 th March 2018	Participation in "Best Innovation Awards" National Level Competition(Level II)	1
5	23 rd and 24 th Feb 2018	Participated in "Logomania " in Innovation 2018 technical festival	2
6	23 rd and 24 th Feb 2018	Participated in "Decrypt in the Dark " in Innovation 2018 technical festival	2



Dexterity2k18-
National Level
Technical Event



Technical Quiz
Contest- 'TechRex'



BE Project-Poster
Exhibition

7	26 th to 28 th Feb 2018	Attended 'Symposium on computing, science, Education'	02
8	17 th Feb 2018	BE Project-Poster Exhibition organized under CSI	41
9	15 th to 18 th Feb 2018	Secured second place in 'Hackathon [Software]' event of Mit Persona Fest 2018	02
10	2018	Internship for Developing Android Application assignments at Hackedemist	2
11	27 th Jan 2018	Participated in ZONAL round of CHIMERA-X, a National level Quiz Fest organized by ISTE student chapter	02

➤ Paper Publications

Sr. No.	Paper Publications	No. of Papers
1	UG Paper Publications	63
2	PG Paper Publications	04
3	Faculty Paper Publications	26

Placements

Sr. No.	Name of Student	Name of Company
1	Anuja Bendre	Schlumberger
2	Omkar Pathak	Schlumberger
3	Vinayak Bhosale	Schlumberger
4	Pranav Kailas Jadhav	Raja Software
5	Shruti Kulkarni	Eaternus
6	Shubham Suryawanshi	Eaternus
7	Kajol Shah	Significant
8	Rohan Katariya	Significant
9	Himangi Jalgaonkar	TCL
10	Akash Nalawade	Ellicium Solutions
11	Manasi Madhave	Ellicium Solutions
12	Pranav Bafna	Ellicium Solutions
13	Nikhil Phadke	Ellicium Solutions
14	Dheeraj Sarade	Syntel
15	Kajol Shah	Syntel
16	Priyanka Puranik	Syntel
17	Sayali Bramhankar	Syntel
18	Supriya Choudhary	Syntel
19	Kavita Padgilwar	Syntel
20	Akshay Kale	Syntel
21	Radhika Bhong	Syntel
22	Jakil Syed	Syntel
23	Akshay Kajale	Syntel
24	Aaditi Pikale	Zensar
25	Anuja Bendre	Zensar
26	Anuja Thakar	Fiserv
27	Ashwini Karkhanis	Zensar
28	Madhura Belsare	Fiserv
29	Mihir Vadeyar	Bitwise
30	Neha Tanksale	Zensar

31	Omkar Pathak	Bosch
32	Radhika Bhong	Zensar
33	Rahul Kolhatkar	Kantar
34	Sailahari Mulleti	Bosch
35	Tejas Deshpande	Bitwise
36	Vedanti Bhargave	Bitwise
37	Vinayak Bhosale	Zensar
38	Akanksha Pandharkame	Aress Software
39	Rutuja Dhaneshwar	Aress Software
40	Bhagyashree Badhane	Allianz
41	Pallavi More	Allianz
42	Shubham Channal	Allianz
43	Ajinkya Bhide	Amazon.in
44	Anjali	Amazon.in
45	Chinmaya Pandit	Amazon.in
46	Kumari Juhi	Amazon.in
47	Madulika Chaudhari	Amazon.in
48	Mayur Kandalkar	Amazon.in
49	Minakshi Agrawal	Amazon.in
50	Pranav Brahmankar	Amazon.in
51	Rahul Wagh	Amazon.in
52	Sampurana Ganjoo	Amazon.in
53	Sanket Parode	Amazon.in
54	Sanket Wankhede	Amazon.in
55	Shubhankar Sant	Amazon.in
56	Sumit Dhanawade	Amazon.in
57	Tejraj Phutane	Amazon.in
58	Vrushabh Sonavale	Amazon.in
59	Rohan Katariya	Global Space

Faculty Achievements

- Prof. Ashwini Bhugul have completed a course on “Computer Science 101” under Stanford University on May 16th 2018.

- Prof. Shubhada Mone have completed a NPTEL Online Certification course on “Cryptography and Network Security” with a score of 51% in Jan-April 2018.
- Prof. Swati Shekapure has completed NPTEL Online Certification course ”Knowledge Representation and Reasoning" offered by IIT Madras.
- Prof. Shailaja Jadhav has completed “Data analytics: Mining and Analysis of Big Data” under Alison Online Certification.
- Prof. Anita Shinde and Prof. Pooja Dhule pursuing PhD at SKNCOE under the guidance of Dr. S. M. Chaware, from January 2018.
- Mr. Vivek Sali was awarded for the "Best Paper" Award for the paper presented on "A Review of Memory Analysis and Malware Detection Approaches for Computer Forensics." in the "National Conference on Emerging Trends in Computing, Analytics and Security" (NCETCAS-2018).



Mr. Vivek Sali Awarded
for the “Best Paper”
Award

FDP/ Workshop Attended by Faculty

- Ms. Uma Karanje attended the FDP on “Case Studies As an Effective Pedagogy for Teaching and Learning” on 1st March 2018.
- Ms. Vandana Rupnar attended the FDP on “Intellectual Property rights: Issues and Challenges and New Trends” on 27th February 2018.
- Ms. Uma Karanje attended the FDP on “Intellectual Property rights: Issues and Challenges and New Trends” on 27th February 2018.

FDP/ Workshop Organized/Conducted

- Workshop on “Latex Hands-on Session” was conducted by Prof. Pooja Deshmukh & Prof. Khushal Khairnar on 22nd and 25th March, 2018.

- SPPU QIP Sponsored National Conference on “Emerging Trends in Computing, Analytics and Security” (NCETCAS-2018) was organized by department on 23rd and 24th February 2018.
- Two day workshop on “Virtual Reality & IOT” in association with IIT Bombay was organized by department on 16th and 17th February 2018.
- One day workshop on “Blender: Open Source Tool for Animation” in association with Animationwala.com was organized department on 24th February 2018.

MOU Activities

Sr.No.	MOU Signed with	MOU From	Activities
1	ExtrimityIndia Technologies, Pune	14 th Aug 2018	● Internship for two students
2	Paratus System	01 th Aug 2018	● FDP/Guest Lecture/Industry Visit
3	Vinsys	23 rd June 2018	● Training sessions
4	GoodTech Technologies, Pune	19 th March 2018	● Sponsored project for BE
5	DesignTech Systems	20 th July 2017	● Sponsored Project 2018 for BE students ● Sponsored Project 2017 for BE students
6	Animationwala.com	01 st March 2017	● One Day workshop on Blender AY 2017-18, ● Industrial Visit(SAGA Institute of Animation)

7	Quick Heal Foundation	26 th Dec 2016	<ul style="list-style-type: none"> ● Cyber awareness program conducted by 2017 ● Expert Talk under Cyber Fest 2017
8	SUNBEAM Infotech	23 rd Dec 2016	<ul style="list-style-type: none"> ● Guest Lecture on Big Data AY 2017-18
9	India Forensics	20 th Aug 2016	<ul style="list-style-type: none"> ● Demonstration on Digital Prototype AY 2017-18 ● Internship Program to 6 UG students, AY 2017-18 ● Project Exhibition under COI 2017 ● PG project completed 2017 ● Consultancy services 2017
10	ISACA	30 th Dec 2015	<ul style="list-style-type: none"> ● Cyber Fest Workshop 2017
11	Persistent Systems Limited (Center of Excellence)	01 st July 2015	<ul style="list-style-type: none"> ● PCI Winter School AY 2017-18 ● Industrial Visit 2017 ● Final Year Sponsored Project 2017
12	Zensar Technologies Limited	14 th May 2014	<ul style="list-style-type: none"> ● ESDP Training 2017-18 ● ESDP Training Phase I & II 2017

Upcoming Events

Sr. No.	Activity	Date
1	Two days FDP on "Open MP" under COE	11-12 th June 2018
2	Prerequisite Courses for SE,TE,BE	11-14 th June 2018
3	Expert Lecture on Project Management for BE students under CRD	20 th June 2018
4	Orientation Program for BE elective subjects under CRD	22-23 rd June 2018
5	Enrichment Courses for TE & BE	20-21 st July 2018
6	Guest Lectures for SE,TE & BE	25-30 th July 2018
7	Add-on Course for SE & TE	24-25 th Aug. 2018
8	Add-on Course for BE students	14-15 th Sept. 2018
9	Industry Visit for TE students	29 th Sept. 2018



'येथे बहुतांचे हित ।'

Marathwada Mitra Mandal's **COLLEGE OF ENGINEERING** Karvenagar, Pune

Accredited with 'A' Grade by NAAC



NITS GLOBAL - Industrial Visit of TE-I & II under Industry Liasoning

