

Annual Report of Computer Science and Engineering Department for the Academic Year 2019-20

It gives me great pleasure to present an overall report of Computer Science and Engineering Department for the academic year 2019-20.



1) ACADEMIC PERFORMANCE:

The department achieved good results. SE, TE and BE results for academic year 2018-19 are as follows:

a) Class wise Results:

SE	: 91.66%
TE	: 96.61%
BE	: 98%

b) Rankers of Various Classes: The various class toppers are as follows.

SE CSE		
Rank	Name of Students	Percentage %
1	MISS. BODDHUL SONALI GANESH	88.07
2	MISS. MOLANKAL AISHWARYA SHRINIVAS	86.17
	MISS. MOULVI SOBIYA AKHLAQUE AHMED	
3	MISS. RELEKAR VRUSHALI TUKARAM	85.60

TE CSE		
Rank	Name of Students	Percentage %
1	Mr. PUKALE AADITYA CHANDRAKANT	82.23
2	Miss. MHAMANE NANDINI PRASHANT	81.54
3	MR. BHOSAGE YOGESH MALLINATH	81.03

BE CSE		
Rank	Name of Students	Percentage %
1	MISS.SHAILA KADAM-	84.1
2	MR.KANAK KAVADI	82.65
3	MISS.KAVITA DYAWANPALLI-	81.1

c) SPECIAL ACHIEVEMENTS:

i. Performance in GATE Examination

Extra classes were conducted in the month of December and January by the faculty members of our department to guide the students for GATE-2020 Examination. One student qualified GATE-2020 Examination. The details are as follows:

Sr. No.	Name of Student	Percentile
01	Kiran Kashinath Gawade	85.67

ii. BEST OUTGOING STUDENT OF DEPARTMENT:

Miss. Nandini Mhamane of B.E CSE class is declared Best Outgoing Student of NKOCET & Department.



iii. SEED Infotech State Level Online Coding Competition:

SEED Infotech took an online examination for CSE, Electrical and ENTIC students for programming of 130 students in February 2020. Second round was conducted in Solapur University on 5th March 2020. In this round 2 students were selected in TOP 10. **Mr. Sakib Patel** from TE CSE bagged first rank in university Level.

2) STUDENTS PLACEMENTS

Prof. P. S. Kankal is working as T & P Coordinator for the department. One hundred Seven students from final year of CSE are placed in various companies till date. The details are as follows

Sr. No.	Name of Company	Number of Students selected
1)	Teachers Insurance and Annuity Association (TIAA)	4
2)	Persistent System Limited	3
3)	EPIC Research, Indore	3
4)	eInfochips, Ahmedabad	3
5)	TATA Consultancy Services	9
6)	Teksun Microsys Pvt Ltd	1
7)	RK Infosystems	1
8)	Bibox	2
9)	Wipro	5
10)	SilverLink	18
11)	ATOS/SYNTTEL	5
12)	RK EDU APP	3
13)	Reliance Jio	1
14)	Qspiders	12
15)	Eywa Solutions	1
16)	Universal Education	5
17)	Vitusa	1
18)	Unikaihatsu, Ahmedabad	2
19)	Successive Technologies	1
20)	BuziBrains	26
	Total	122

3) CONTRIBUTION OF FACULTY MEMBERS IN VARIOUS DEPT. & INSTITUTE ACTIVITIES:

Sr. No.	Portfolio	Faculty Name	
1.	HOD	Dr. S.D. Raut	
2.	Class Coordinator	SE-A	Prof. A. R. Chinchawade
		TE-A	Prof. R. D. Uttarkar
		TE-B	Prof. M. S. Otari
		BE-A	Prof. S. A. Yemul
		BE-B	Prof. S. S. Jeurkar

3.	Placement and Alumni Coordinator	Prof. P.S. Kankal
4.	PG Coordinator	Prof. M.B. Patil
5.	Industry Coordinator	Prof. R.D. Uttarkar
6.	Project Coordinator	Prof. Z.M.Shaikh
7.	Carrier Counseling Cell (GATE, MPSC, MBA etc.)	Prof. S.A. Shinde
8.	ZENSAR ESD Coordinator	Prof. M.B. Patil
9.	CSESA	Prof. G. N. Nadargi

4) STUDENT PARTICIPATION IN VARIOUS ACTIVITIES:

Our department students bagged many prizes in various paper presentations and other technical competitions at various places

Sr. No.	Name of student & Class	Competition	Organized by	Prize
1)	Pratibha Chimalgikar	Technical Quiz	Sinhgad COE Solapur	1 st
2)	Sobiya Moulavi			1 st
3)	Lavanya Mangalaram			2 nd
4)	Ritika Nora			2 nd
5)	Nandini Mhamane			1 st
6)	Pallavi Kavatgi	Paper Presentation	SKN, Pandharpur	1 st

5) INDUSTRY - INSTITUTE INTERACTION

Zensar ESD program:

Zensar technologies conducted campus drive and selected 76 students of TE CSE for Zensar ESD program.

**6) SHORT TERM COURSES /
CONFERNCES / WORKSHOPS
ATTENDED BY FACULTY MEMBERS:**

To cope up with the recent technologies and advancement in the field of Computer Science & Engineering, following Faculty members have attended Workshop, Seminar and Short term training programs at various Institutes.

- 1) All faculty from CSE Dept. attended Twelve week NPTEL course on “NBA Accreditation and Outcome based learning” conducted by MHRD, India & IIT Kharagpur (1st July to 16th Nov. 2019)
- 2) All Faculty from CSE Dept. attended One day Workshop on R on 9 November 2019 organized by IIT Bombay.
- 3) All Faculty from CSE Dept. attended One day Workshop on Linux on 23 August 2019 organized by IIT Bombay.
- 4) All Faculty from CSE Dept. attended Python Workshop for Teachers and Research scholars on 22 June 2019 organized by IIT Bombay.
- 5) Prof. S. A. Yemul, Prof. Z. M. Shaikh, Prof. M. B. Patil, Prof. A. R. Chinchawade, Prof. R. D. Uttarkar, Prof. S. A. Shinde, Prof. V. B. Binage Prof. S. S. Jeurkar & Prof. M. S. Otari attended One Week FDP On Artificial Intelligence & Machine Learning Using Python during 10th Feb to 14th feb 2020 organized by NKOCET & DBATU.
- 6) Prof. S. S. Jeurkar attended One day Coordinators Workshop on C and C++ on 15 Feb 2020 organized by IIT Bomby.
- 7) Prof. S. S. Jeurkar & Prof. R. D. Uttarkar attended One day Workshop on "Industry 4.0" on 3rd Feb 2020 organized by NKOCET & DBATU.
- 8) Prof. S. A. Shinde attended One Day Workshop on Arduino held at NKOCET, Solapur on 8th February, 2020. Organized by IIT Bombay.
- 9) Prof. M. B. Patil, Prof. M. S. Otari, Prof. S. A. Shinde & Dr. V. V. Bag attended Two days FDP on Artifical Intellegenc enad Machine learning of Zensar FDP organized by NKOCET solapur.

**7) CO-CURRICULAR
COURSES,WORKSHOPS AND
INDUSTRIAL TRAINING:**

Sr. No .	Name of Faculty / Conducting Company	Workshop /Guest Lecture	Class
1.	Prof. R. B Kulkarni, COE, Karad	“Startup and Entrepreneursh ip”	TE CSE
2.	Mr. Srinivas Chamarthi, MD, CYME Automation Pvt. Ltd.	“A Journey a Realize-Self”	SE CSE
3.	Prof. VikramIngle shwar, Ruchkar Solapur.com Solapur	“Startup and Entrepreneursh ip”	TE CSE
4.	Mr. Vishal Adheli, Vpace Technologies, Solapur	“Website development using Wordpress”	SE CSE
5.	Prof. I.I. Mujawar, EXTC Dept., NKOCET. Solapur.	“Success is my choice”	SE CES
6.	Dr. S. D. Raut, NKOCET, Solapur	Data structures with 'C'	SE CSE
7.	Prof. V. B. Binage, Prof. R. D. Uttarkar & Prof. A. R. Chinchawade, NKOCET, Solapur	Python Programming	SE CSE

8) EXPERT LECTURES BY OUR FACULTY OUTSIDE THE INSTITUTE :

The institute motivates the faculty members to deliver lectures outside the institution. Following lectures were delivered by our faculty members in various institutes in and around Solapur.

Sr. No.	Name of Institute	Name of Faculty	Event / Topic
1	ShriVithal Education Research Institute's College of Engineering, Pandharpur	Prof. Anil R. Chinchawade	System Programming
2	Shri Vithal Education Research Institute's College of Engineering, Pandharpur	Prof. S. A. Yemul	Hadoop Framework & NOSQL Database
3	Sangameshwar College, Solapur	Prof. S. A. Yemul & Prof. G. N. Nadargi	Overview of Moocs & Swayam -NPTEL
4	Social College, Solapur	Prof S.S. Damawale	Awareness of Computer Programming and Opportunities

9) NPTEL COURSES

I am happy to mention here that our students are actively participating in many NPTEL courses. The participation details for academic year 2019-20 are as follows:

Sr. No.	NPTEL Course	No. of Students Registered
1	The Joy of Computing using Python	SE,TE & BE-217
2	Introduction to Internet of Things	TE-43
3	Software Testing	BE-28
4	Introduction to Machine Learning	TE-110
5	Problem Solving through Programming in 'C'	SE-41
Total		439

10) During Lockdown Period following faculty members have attended the Online workshops/ Seminars and conferences / Course

Sr. No.	Name of Faculty Member	Title of workshop/seminar/conference / Course	Organized by
1	Prof. S.A Yemul	Completed 5 Week Course on Hadoop Application Platform	Coursera
		Completed 4 Week Course on Digital Marketing	NEAT – AICTE
		3 Days workshop on Effective and Efficient Online Teaching in the Age of Corona A Hands On 16th May 2020	IIT Bombay
		TQIP-III sponsored One week Online FDP on “Industrial IOT's, Industry 4.0 and disruptive Technology on 5th May to 10th May 2020	DBATU
		Attended One week FDP on Problem Based Learning(PBL) on 1st June to 5th June 2020	JSPM Pune
		Attended Three Days FDP on Data science Using R during 28th to 30th May 2020	K K Wagh Institute, Nashik
		Attended Five Days FDP on Cyber Forensic & Cyber Security during 15th to 19th June 2020	Indian Server & GN Institute of Technology, Hyderabad
		Attended five Days FDP on Universal Humal Values in Education during 10th Aug to 14th Aug 2020	AICTE
		Webinar series -"To Guide Students to Select Meaningful Engineering Projects"	Dassault Systems

2	Prof. Sneha Jeurkar	TQIP-III sponsored One week Online FDP on “Industrial IOT’s, Industry 4.0 and disruptive Technology on 5th May to 10th May 2020	DBATU
		Attended One week FDP on Problem Based Learning(PBL) on 1st June to 5th June 2020	JSPM Pune
		Attended Three Days FDP on Data science Using R during 28th to 30th May 2020	K K Wagh Institute, Nashik
		Attended Five Days FDP on Cyber Forensic & Cyber Security during 15th to 19th June 2020	Indian Server & GN Institute of Technology, Hyderabad
		3 Days workshop on Effective and Efficient Online Teaching in the Age of Corona A Hands On 16th May 2020	IIT Bombay
		Attended 7 Days International seminar (webinar series) on “Strategic Roadmap Towards Industry 4.0” on 1/6/2020 to 7/6/2020	NGM College, Coimbatore, Tamil Nadu.
		Attended webinar on “Career opportunity for engg and future jobs post Covid-19”	Mr. Pratap Sanap, PSL
		Attended Cyber Security meet up on 4/7/2020	AGIS
		Attended five Days FDP on Universal Humal Values in Education during 10th Aug to 14th Aug 2020	AICTE
		Completed 2 5 week-courses " Programming for Everybody" and	Coursera

		Technical Support Fundamentals: google certification	
3	Prof. M. S. Otari	“DevOps Culture and Mindset” an online course 9 June 2020	Coursera
		One Week Online Faculty Development Program on “Engineering Education & the Industry: A Post COVID-19 Perspective” 1/6/2020- 5/6/2020	Rajiv Gandhi Institute of Technology, Mumbai In association with Indian Institution of Industrial Engineering
		One Week National Level Faculty Development Programme on “Research Methodology” 26th May to 30th May 2020.	Internal Quality Assurance Cell, Padm. Dr. V. B. Kolte College of Engineering, Malkapur (M.S.) India.
		Two Days Faculty Development Program on "Artificial Intelligence in Healthcare" 10 and 11 June 2020.	R. C. Patel Institute of Technology, Shirpur
		FDP: AICTE - NITTT - Module 1 - Orientation Towards Technical Education and Curriculum Aspects(8 weeks)	AICTE

4	Prof. Sana Hatture	FDP: AICTE - NITTT - Module 1 - Orientation Towards Technical Education and Curriculum Aspects(8 weeks)	
		FDP: AICTE - NITTT - Module 2 - Professional Ethics and Sustainability(8 weeks)	AICTE
		FDP: AICTE - NITTT - Module 3 - Communication Skills,Modes & knowledge Dissemination(8 weeks)	AICTE
		3 Days workshop on Effective and Efficient Online Teaching in the Age of Corona on 24th May	IIT Bombay
		Attended Webinar on Opportunities in the Rural areas-cost reduction,drudgery reduction,innovative applications,path breaking innovations on 27th May,2020	Dassault Systemes Foundation, India
		Attended Webinar on Applications of AI and ML in Core Engineering on 8th June,2020	Dassault Systemes Foundation, India
		Attended five Days FDP on Universal Humal Values in Education during 28thJuly to 1st Aug 2020	AICTE
		One Week STTP Online Workshop on “DIGITAL TRANSFORMATION & PEDAGOGIES” sponsored by AICTE Margdarshan Scheme and TEQIP III	Government College of Engineering Karad, Maharashtra & Walchand COE , Sangli,
5	Prof.	One day Workshop	IIT

S. A. Shinde	on "R Programming " on 9 November 2019	Bombay
	One day Workshop on Linux on 23 August 2019	IIT Bombay
	Python Workshop for Teachers and Research scholars on 22 June 2019	IIT Bombay
	One Day Workshop on C and C++ held at NKOCET, Solapur.	IIT Bombay
	3 Days workshop on "Effective and Efficient Online Teaching in the Age of Corona A Hands" On 16th May 2020:"	IIT Bombay
	One day Workshop on "Inustry 4.0" on 3rd Feb 2020	IIT Bombay
	One Week FDP On "Artificial Intelligence & Machine Learning Using Python" during 3rd feb to 7th feb 2020	IIT Bombay
	TEQIP-III sponsored One week Online FDP on “Industrial IOT’s, Industry 4.0 and disruptive Technology on 5th May to 10th May 2020	DBATU
	Three Days workshop on Industry 4.0 at Sandipani Engineering College Latur sponsored by DBATU	DBATU
	One Week Online Faculty Development Program on LINUX organized by Sinhgad Academy of Engineering Kondhawa(BK), Pune-48 from 4th May to 10th May 2020 in association with IIT Bombay Spoken Tutorial	IIT Bombay

6	Prof. S. A. Hiremath	Completed 8 week Course on AICTE - NITTT - Module 1 - Orientation Towards Technical Education and Curriculum Aspects	AICTE-NITTT
		Attended 3 Days Workshop on Online Learning Workshop for Faculty from 1 April to 3 April 2020	QASPIR
		3 Days workshop on Effective and Efficient Online Teaching in the Age of Corona A Hands On 16th May 2020	IIT Bombay
		Completed 6 Week Course on C for everyone: Programming Fundamentals from 25 April to June 4 2020	Coursera
		Attended One Week STTP Online Workshop on "DIGITAL TRANSFORMATION & PEDAGOGIES" sponsored by AICTE Margdarshan Scheme and TEQIP III during 10th August to 15 August	AICTE
		Attended Webinar series - "To Guide Students to Select Meaningful Engineering Projects" on 20 June 2020	Dassault Systems
		Attended Webinar: "Application of AI and ML in Core Engineering" on 8 June 2020	Dassault Systems
		Attended webinar on "Career opportunity for engg and future jobs post Covid-19"	Mr.Pratap Sanap, PSL

7	Prof. A. R. Chinchawade	Training on Basics of COVID-19 on 27 April 2020	DIKSHA Department of Personnel & Training
		Attended 17 Sessions of IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and Start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide lockdown.	Institution's Innovation Council (IIC)
		3 days online workshop on "Education 4.0" organised by IQAC, Atharva College of Engineering held on 28th - 30th April 2020.	Atharva College of Engineering, Malad West, Mumbai
		A webinar on "Importance of Association with Professional Societies for Outcome-Based Education" organized by Walchand College of Engineering, Sangli, Maharashtra under the Margdarshan Scheme of AICTE, New Delhi on Thursday, 30 April 2020, 2.00pm to 3.00pm.	Walchand College of Engineering, Sangli
		A Five day FDP on "IPR Awareness and Patent Prosecution" Department of Information Technology, CMR Engineering College, Hyderabad from 06.05.2020 to 10.05.2020 .	CMR Engineering College, Hyderabad

8	Prof. M. B. Patil	Programming for Everybody (Getting Started with Python)	Coursera
		Python Data Structures	Coursera
		Fundamentals of Scalable Data Science	IBM with collaboration of coursera
		Enhancing Research and Consultancy Skills	Rajarambapu Institute of Technology, Rajaramnagar
		Industrial IOTs, Industry 4.0 and Disruptive Technologies	TEQIP-III,DBATU LONERE
		How to get research grant from UGC AICTE	Mahatama Gandhi university katyam
		Artificial Intelligence FDP	CMR Engineering College, Hyderabad
		Research technique and Challenges	Shivajirao S. Jondhle College of Engineering & Technology
		Three days online Faculty Development Program on "Data Science using R", dated from 28th May 2020 to 30th May 2020.	K. K. Wagh Institute of Engineering Education and Research, Nashik
		DBATU TEQIP-3 Sponsored session on "EduMeet & Panel Discussion" on "Education & Industr" on 20th May 2020.	DBATU in association with KBPCOE, Satara

9	Prof. Z. M. Shaikh	Online workshop on Universal Human Values on the theme "Inculcating Universal Human Values in Technical Education" during 23-27 July, 2020 as organized by All India Council for Technical Education(AICTE).	AICTE, Delhi
		3 Days workshop on "Effective and Efficient Online Teaching in the Age of Corona A Hands On Workshop" on 23rd May 2020	IIT Bombay
		3 days online workshop on "Education 4.0" organised by IQAC, Atharva College of Engineering held on 28th - 30th April 2020.	Atharva College of Engineering, Malad West, Mumbai
		Data Analysis 10/6/20	Udemy
		One day Workshop on Linux on 23 August 2019	IIT, Bombay
		One day Workshop on "R Programming" on 9 November 2019	
		One Week FDP On "Artificial Intelligence & Machine Learning Using Python" during 10th feb to 14th feb 2020 - Organized & Attended	DBATU

10	Prof. V. B. Binage	Workshop on Mental Health During Covid-19 6 th – 10 th May 2020	DBATU and J D College of Engg. And Mgmt , Nagpur
		C Programming Quiz 8 th May 2020	Garada Inst. Of Technology, Ratnagiri
		TEQIP-III Sponsored One week FDP on Industrial IoTs, Industry 4.0,& Disruptive Technologies 5 th -10 th May 2020	DBATU
		Effective Proposal Writing for Research and Funding 13 th – 18 th May 2020	Sandip Institute of Technology and Research, Nashik
		Technical Teachers Training 22 nd – 27 th May 2020	Vidyavardhini Inst. Of Technology, Pal
		International Seminar (Webinar Series) on Strategic Roadmap Towards Industry 4.0 1 st -7 th June 2020	NallaMuthu Gounder Mahalingam College, Tamilnadu
		Game Pedagogy in Outcome Based Education 11 th -12 th June 2020	K C College of Engg and Mgmt Studies and Research, Thane
		IOT and its Applications in Industry 8 th -12 th June 2020	Ramrao Adik Institute of Technology, Nerul, Mumbai

11	Prof. G. N. Nadargi	Conducted workshop session for 10th and 12th Teachers for using "e platform for education"	NKOCET
		Organized Session on "Opportunities in Cybersecurity" for CSE Department students 7th July 2020	CSESA, CSE Dept
		One day Workshop on "R Programming " on 9 November 2019	IIT Bombay
		One day Workshop on Linux on 23 August 2019	IIT Bombay
		Python Workshop for Teachers and Research scholars on 22 June 2019	IIT Bombay
		Completed Programming for Everybody (Getting Started with Python) 4 weeks Course in Coursera 6 th April to 2 nd May 2020	Coursera
		Two day workshop on Smart Administrative Work by Amol Bhokare 11th, 12th May 2020	Lathe Education Society's Polytechnic, Sangli
		Conducted workshop session for 10th and 12th Teachers for using "e platform for education"	NKOCET

12	Prof. P. S. Kankal	One day Workshop on Linux on 23 August 2019	
		Python Workshop for Teachers and Research scholars on 22 June 2019	
13	Prof. R. U. Shinde	One day Workshop on "R Programming " on 9 November 2019	IIT, Bombay
		One day Workshop on Linux on 23 August 2019	
		Python Workshop for Teachers and Research scholars on 22 June 2019	
		5 days STTP on "Internet of things and its applications" conducted by Department of Instrumentation Engineering RAIT on 8-12 June	Departme nt of Instrumen tal Engineeri ng, RAIT Navi Mumbai
		One day workshop on Effective and Efficient Online Teaching in the Age of Corona 16th May	IIT, Bombay

11) ACTIVITIES OF CSE STUDENT ASSOCIATION (CSESA)

- a) **CSESA Committee:** Computer Science and Engineering Student Association (CSESA) is formed for co-curricular and extra-curricular development of students. Following students were elected as office bearers of CSESA for the academic year 2019-20

Designation	Name of Students	Class
President	Ghule Gaurav Brahmadev	T.E-A
Vice President	Chintanpalli Kishor	T.E-A
Secretary	Gaikwad Rushikesh Sanjay	T.E-A
Treasurer	Kamatkar Mayuri Arun	T.E-B
Event Co-coordinator	Tumma Rohan Ajay	T.E-B
Joint Secretary	Waychal Smit Ramesh	S.E-A
Event Administrator	Ritika Nagnath Nora	T.E-B

b) Activities conducted:

Sr. No.	Activities Conducted	Date
1.	Digital treasure Hunt	10/03/2020
2.	Extempore	10/02/2020
3.	Memory Challenger	05/02/2020
4.	Poster Presentation	10/08/2019
5.	Teachers Day	05/09/2019
6.	Waste in Use	11/09/2019
7.	Fresher Party	13/09/2019
8.	Blind C Programming	10/10/2019
9.	Model Making	10/10/2019
10.	Essay Writing Competition -"My Maharashtra"	12/01/2019
11.	Poster Presentation Competition on occasion of "Marathi BhashaSanvardhanPandharwada"	12/01/2019
12.	Guest Lecture on "Industrial Revolution 4.0 and IOT" by Dr. Popatray Mohite, Chairman CMMA Associates, and Ranjit Shinde M. D. Soft Infology Solutions Pvt. Ltd.	16/02/2019

12) SOCIAL ACTIVITIES:

SE, TE, BE & ME students of our department donated 100 bottles of blood in two *Blood Donation Camps* organized by our institute in the current academic year in association with NSS.

(Dr. S.D. Raut)

Head, Department of Computer Science and Engineering